FINAL REGISTRATION REPORT

Part B

Section 8

Environmental Fate

Detailed summary of the risk assessment

Product code: **102000012886**

Product name(s): **fluopyram + trifloxystrobin SC 500**

(Active substance(s)): **(250 + 250 g/L)**

Central Zone

Zonal Rapporteur Member State: **Poland**

CORE ASSESSMENT

(Re-authorisation)

Applicant: **Bayer CropScience Division**

Submission date 30/06/2020

Updated: February 2021

July 2021

MS Finalisation date: September 2021 ;February 2022

Version history

When	**What**
June 2020	Original Bayer submission
February 2021	Critical GAP table simplified with grouping of crops where possible. Some use number corrections in Table 8.8
July 2021	Uses under Walk-in tunnel /low tunnel shelter identified as $F_{(G)}$ in GAP table. No registration on Golf course use in CZE. All assessment for Use 124 removed
September 2021	Draft assessment prepared by zRMS for commenting
February 2022	Final assessment after commenting

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The product fluopyram + trifloxystrobin SC 500 (250+250 g/L) (FLU + TFS SC 500 / Product Code 102000012886) was not the representative formulation during the renewal of approval of Trifloxystrobine. All data and information assessed during the EU re-evaluation of Trifloxystrobine is considered EU peer-reviewed data.

This dossier is supporting the application for the renewal of authorisation of fluopyram + trifloxystrobin SC 500 (250+250 g/L) after the renewal of the approval of the active substance trifloxystrobin.
For the Renewal of Authorisations according to Article 43 of Regulation (EC) No 1107/2009, the following guidance is given in the Document SANCO/2010/13170 for products containing two or more active substances:

- *“when the 1st substance is renewed- there is no need to evaluate data related to the 2nd substance”*
- *“once the 2nd substance is renewed- there is no need to evaluate data related to the 1st substance because this has already been performed in the frame of the re-authorisation of the PPP following the renewal of the 1st active substance”*
- *“Where necessary a combitox assessment should be performed.”*

In consequence, only data on the renewed active substance trifloxystrobin will be evaluated for Post AR review and data on the partner (non-reviewed) fluopyram should be submitted only for the areas of assessments where combined risk assessments are required.

zRMS comments:
All comments and conclusions of the zRMS are presented in grey. Minor changes are introduced directly in the text and highlighted in grey. New data submitted by Applicant highlighted in yellow andblue. Not agreed or not relevant information is struck through and shaded for transparency.

8 Fate and behaviour in the environment (KCP 9)

8.1 Critical GAP and overall conclusions

Table 8.1-1: Critical use pattern of the formulated product

Bushberries : Blackberries, dewberries, raspberries, currants (red, black white,gosseberry), blueberries, mulberries, elderberries, rosehip, cranberries, chokeberries, buckhorn

$F_{(G)}$ indicates use under cover such as walk-in tunnel / low tunnel, shelter

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use-No. *	Member state(s)	Crop and/or situation (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I **	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			PHI (days)	Remarks: e.g. g safener/ synergist per ha Focus scenario from table 8.8	**Conclusion**
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	L product/ha a) max. rate per appl. b) max. total rate per crop/season	g as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max			Groundwater
Zonal uses (field or outdoor uses, certain types of protected crops)														
1	AUT	Asparagus (ASPOF)	F	BOTRCI, PLEOHE, PUCCAS	Spraying (foliar)	~~23~~ **40**-87 (Post harvest to appearance of symptoms)	a) 2 b) 2	10	a) 0.8 b) 1.6	a) FLU 200 + TFS 200 b) FLU 400 + TFS 400	300-600		Reduced window of application for acceptable metabolite PECgw Bean III	A
3,4	NLD, SVK	Asparagus (ASPOF)	F	SCLESP, BOTRSP	Spraying (foliar)	51-95 (June-Nov)	a) 1 b) 1	-	a) 0.8 b) 0.8	a) FLU 200 + TFS 200 b) FLU 200 + TFS 200	500-800		Bean I	A
7, 8, 10, 13, 16, 604	**POL**	Beans,	F	BOTRCI, SCLESC	Spraying (foliar)	59-89	a) 2 b) 2	7	a) 0.8 b) 1.6	a) FLU 200 + TFS 200 b) FLU 400 + TFS 400	200-800		Bean IV	A
6, 9, 12, 14, 15, 17, 19, ~~174~~ 175 177, 178, 179, 181, 182	AUT	Beans, Peas	F	BOTRCI, SCLESC	Spraying (foliar)	55-79	a) 2 b) 2	14	a) 0.8 b) 1.6	a) FLU 200 + TFS 200 b) FLU 400 + TFS 400	200-800		Bean II *Peas II*	A
176, 180, 183	BEL	Peas	F	BOTRCI, SCLESC	Spraying (foliar)	55-79	a) 2 b) 2	7	a) 0.8 b) 1.6	a) FLU 200 + TFS 200	200-800		Peas I	A

										b) FLU 400 + TFS 400				
21 22 23, 28, 31, 32, 33, 34, 39, 45, 52, 57, 59, 63, 64, 65 66, 67, 70, 76-78, 83, 89-91, 96, 102, 107, 109, 125, 126, 127, 132, 137, 165, 166, 191, 192, 193 198, 204, 211, 213, 605, 606, 608, 609	AUT	Bushberries,	F/ $F_{(G)}$	BOTRCI, DIDYAP	Spraying (foliar)	15-89	a) 2 b) 2	7	a) 0.8 b) 1.6	a) FLU 200 + TFS 200 b) FLU 400 + TFS 400	200-1200		Apples II (107, 109) Vines IV & Bushberry IV	A
24, 25, 26, 35, 36, 37, 53, 54, 55, 67,68, 79, 80, 81, 92, 93, 94, 128, 129, 130, 194, 195, 196	BEL	Bushberries,	F/ $F_{(G)}$	BOTRCI	Spraying (foliar)	51-69	a) 2 b) 2	7	a) 0.6 b) 1.2	a) FLU 150 + TFS 150b) FLU 300 + TFS 300	200-1200		Vines III & Bushberry III	A
29, 40, 41, 71, 72, 84, 85, 97, 98, 133, 135, 199, 200	**POL**	Bushberries,	F/ $F_{(G)}$	BOTRCI, DIDYAP, PHRARU, PODOAP	Spraying (foliar)	57-87	a) 2 b) 2	14	a) 0.8 b) 1.6	a) FLU 200 + TFS 200 b) FLU 400 + TFS 400	200-1200		Vines ~~I~~ V & Bushberry ~~I~~ V	A
38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 108, 110, 131, 136, 167, 168, 210, 212,	NLD	Bushberries	F	BOTRCI	Spraying (foliar)	15-89	a) 2 b) 2	14	a) 0.6s b) 1.2	a) FLU 150 + TFS 150b) FLU 300 + TFS 300	200-1200		Apple I (108) Vines I & Bushberry I	A
27, 30, 105, 106, 197, 203,	NLD	Bushberries	F	BOTRCI, DIDYAP	Spraying (foliar)	40-69	a) 2 b) 2	21	a) 0.6 b) 1.2	a) FLU 150 + TFS 150 b) FLU 300 + TFS 300	200-1200		Vines II & Bushberry II	A
226, 227, 228, 230, 232, 236-239	NLD	Strawberry	F/ $F_{(G)}$	BOTRCI, SPHRMA	Spraying (foliar)	40-89	a) 2 b) 2	7	a) 0.8 b) 1.6	a) FLU 200 + TFS 200 b) FLU 400 + TFS 400	300-600	1	Strawberry	A
47,48	NLD	Celeriac (APUGR)	F	SCLESP, SEPTAP	Spraying (foliar)	40-49 (June-Nov)	a) 2 b) 2	14	a) 0.5 b) 1	a) FLU 125 + TFS 125 b) FLU 250 + TFS 250	200-800	14	Sugar beet I	A
60, 142, 148, 158, 159, 161, 162,	AUT	Lettuce and other leafy crops	F/ $F_{(G)}$	BOTRCI, RHIZSP,	Spraying (foliar)	12-49	a) 2 b) 2	7	a) 0.8 b) 0.8	a) FLU 200 + TFS 200	500-1000	7	Cabbage II Beans IV (60,	A

163, 205, 607				SCLESC						b) FLU 400 + TFS 400			142)	
49, *50* 51, 61, 62, 112, 113, *114,* 115, 116, 143, *144*, 145, 146, 147, 149, *150,* 151, *152, 154,* 157, *158, 159,* 160, 164, 189, *190,* 206, *207,* 208, 209, 214, 215	AUT	Lettuce and other leafy crops	F/ $F_{(G)}$	BOTRCI, RHIZSP, SCLESC	Spraying (foliar)	12-49	a) 1 b) 1	-	a) 0.8 b) 0.8	a) FLU 200 + TFS 200 b) FLU 200 + TFS 200	500-1000		Cabbage I	A
138-140	NLD	Grape (VITVI)	F	UNCINE, PSPZTR	Spraying (foliar)	15-73 (Mar-July)	a) 2 b) 2	14	a) 0.2 b) 0.4	a) FLU 50 + TFS 50 b) FLU 100 + TFS 100	400-1200		Vines VII	A
141	**POL**	Hop (HUMLU)	F	SPHRFU	Spraying (foliar)	37-79	a) 2 b) 2	14	a) 0.6 b) 1.2	a) FLU 150 + TFS 150 b) FLU 300 + TFS 300	2000-3000		Vines I & Bushberry I	A
241	**POL**	Tobacco (NIOTA)	F	SCLESC	Spraying (foliar)	11-39	a) 1 b) 1	-	a) 0.8 b) 0.8	a) FLU 200 + TFS 200 b) FLU 200 + TFS 200	300-500		Tobaco I	A
118,119,	NLD	Flower bulbs,	F	BOTRSP	Spraying (foliar)	12-91 (Mar-Oct)	a) 5 b) 5	7	a) 0.3 b) 1.5	a) FLU 75 + TFS 75 b) FLU 375 + TFS 375	150-400		Onion II	A
117, 120	CZE	Flower bulbs (3UNCLK)	F	BOTRSP	Spraying (foliar)	12-91	a) ~~5~~ **2** b) ~~5~~ **2**	7	a) 0.3 b) 0.6	a) FLU 75 + TFS 75 b) FLU ~~375~~ **150** + TFS ~~375~~ **150**	150-400		Onion II Reduced number of application for acceptable metabolite PECgw	A
119, 121-123, 170-174, *184,* 187, 188, 216-218, *219, 220,* 221, *224, 225, 242*	NLD	Flower bulbs, Ornamentals, tree nursery, seed production crops	F/ $F_{(G)}$	SCLESP	Spraying (foliar)	12-91 (Mar-Oct)	a) 1 b) 1	-	a) 0.8 b) 0.8	a) FLU 200 + TFS 200 b) FLU 200 + TFS 200	150-400		Onion I For details on seed productions crops refer to B0	A

* Use number(s) in accordance with the list of all intended GAPs in Part B, Section 0 should be given in column 1

** F: professional field use, Fn: non-professional field use, Fpn: professional and non-professional field use, G: professional greenhouse use, Gn: non-professional greenhouse use, Gpn: professional and non-professional greenhouse use, I: indoor application

Explanation for column 15 "Conclusion"

A	Safe use
R	Further refinement and/or risk mitigation measures required
C	To be confirmed by cMS
N	No safe use

Table 8.1-2: Assessed (critical) uses during approval of fluopyram concerning the Section Environmental Fate

1	2	3		4	5	6	7	8	9	10	11	12	13	14
Use-No. *	Member state(s)	Crop and/or situation (crop destination / purpose of crop)		F, Fn, Fpn G, Gn, Gpn or I **	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			PHI (days)	Remarks: e.g. g safener/ synergist per ha
						Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	kg or L product/ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
1	All EU Countries	Grape (Table)		F	*Botrytis*	Spraying	BBCH 61-89	2	12	0.5*	250	100 / 1600	3	
2	All EU Countries	Grape (Wine)		F	*Botrytis*	Spraying	BBCH 61-87	2	12	0.5*	250	100 / 1600	21	
3	All EU Countries	Strawberries		F G	*Botrytis*	Spraying	BBCH 61-89	2	7	0.5*	250	300 / 1500	1	
4	EU South	Tomato		F G	*Botrytis*	Spraying	BBCH 55-89	2	12	0.5*	250	500 / 1500	3	

* Product Fluopyram SC 500

Table 8.1-3: Assessed (critical) uses during approval of trifloxystrobin concerning the Section Environmental Fate

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No.	Member state(s)	Crop and/or situation (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I **	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			PHI (days)	Remarks: e.g. g safener/ synergist per ha
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	kg or L product/ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
	Germany	Apple, Pear, Quince	F	GLEOSP, PODOLE, VENTIN, VENTPI, ALTEAL, NECTGA	Tractor mounted/ trailed broadcast air assisted sprayer	BBCH 53-87	3	10	a) 0.050 – 0.150 b) 0.150– 0.450	a) 0.025 – 0.075 b) 0.075 – 0.225	500 - 1500	14	0.05 kg product/ha and per m crown-high in 500 L water with max 3 m crown-high Representative formulation: Trifloxystrobin WG 50
	Slovakia	Apple	F	PODOLE, VENTIN	Tractor mounted/ trailed broadcast air assisted sprayer	BBCH 31-89	3	10	a) 0.150 b) 0.450	a) 0.075 b) 0.225	200 – 1000	14	Representative formulation: Trifloxystrobin WG 50
	Netherlands	Grape	F	PLASVI	Tractor mounted/ trailed broadcast air assisted sprayer	BBCH 12-89	3	10	a) 0.250 b) 0.750	a) 0.125 b) 0.375	400 – 1200	14	Representative formulation: Trifloxystrobin WG 50
	Slovakia	Grape	F	BOTRCI, CONLDI, PLASVI, UNCIN	Tractor mounted/ trailed broadcast air assisted sprayer	BBCH 14-89	3	10	a) 0.250 b) 0.750	a) 0.125 b) 0.375	200 – 1000	14	Representative formulation: Trifloxystrobin WG 50
	Germany	Grape	F	UNCINE, PHOPVI, GUIGBI, PSPZTR	Tractor mounted/ trailed broadcast air assisted sprayer	BBCH 13-83	3	10	a) 0.240 b) 0.720	a) 0.120 b) 0.360	400 – 1600	35	Representative formulation: Trifloxystrobin WG 50

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No.	Member state(s)	Crop and/or situation (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I **	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			PHI (days)	Remarks: e.g. g safener/ synergist per ha
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	kg or L product/ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
	Germany	Strawberry	F G	DIPCEA, MYCOFR, SPHRMA	Tractor mounted/ trailed equipment: boom sprayer Manual equipment: hand held lance	BBCH 55-89	2	7	a) 0.300 b) 0.600	a) 0.150 b) 0.300	1000 – 2000	1	Representative formulation: Trifloxystrobin WG 50
	Poland	Strawberry	F	MYCOFR, SPHRMA	Tractor mounted/ trailed equipment: boom sprayer	BBCH 10-92	2	7	a) 0.250 b) 0.500	a) 0.125 b) 0.250	600 - 1200	1	BBCH 99 treatments of plants after harvest complete Representative formulation: Trifloxystrobin WG 50
	Italy	Apple, Pear	F	PODOLE, VENTIN	Tractor mounted/trailed broadcast air assisted sprayer	BBCH 61-85	3	10	a) 0.225 b) 0.675	a) 0.1125 b) 0.3375	1500	14	Spray Interval: 10 day until BBCH 74; 10-14 from BBCH 74 to 85 Representative formulation: Trifloxystrobin WG 50
	Spain	Apple, Pear	F	PODOLE, VENTIN	Tractor mounted/trailed broadcast air assisted sprayer	BBCH 55-87	3	10	a) 0.225 b) 0.675	a) 0.1125 b) 0.3375	1000 – 1500	14	0.0075% - 0.01% product /ha Representative formulation: Trifloxystrobin WG 50
	Italy	Grape	F	UNCINE, GUIGBI	Tractor mounted/trailed broadcast air assisted sprayer	BBCH 61-69	3	10	a) 0.25 b) 0.75	a) 0.125 b) 0.375	1000	14	Representative formulation: Trifloxystrobin WG 50
	Spain	Grape	F	UNCINE	Tractor	BBCH 69-85	3	10	a) 0.225	a) 0.1125	200 – 1500	14	0.0125% - 0.015%

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No.	Member state(s)	Crop and/or situation (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I **	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			PHI (days)	Remarks: e.g. g safener/ synergist per ha
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	kg or L product/ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
					mounted/trailed broadcast air assisted sprayer				b) 0.675	b) 0.3375			product/ha Representative formulation: Trifloxystrobin WG 50
	Spain	Strawberry	F	DIPCEA, MYCOFR, SPHRMA	Tractor mounted/trailed equipment: boom sprayer	BBCH 19-89	2	7	a) 0.300 b) 0.600	a) 0.150 b) 0.300	500 - 1200	1	0.025% product/ha Representative formulation: Trifloxystrobin WG 50

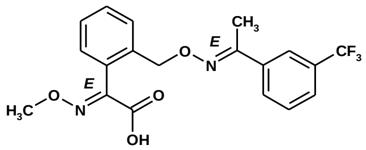
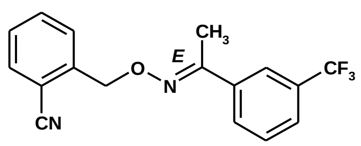
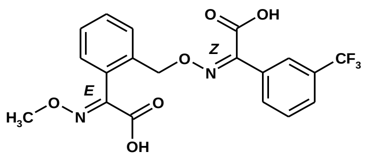
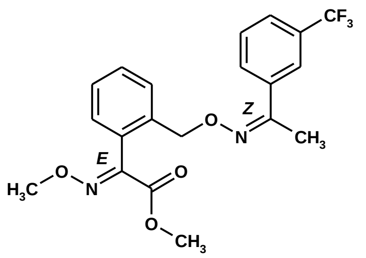
8.2 Metabolites considered in the assessment

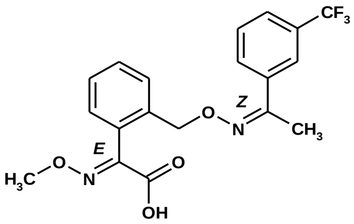
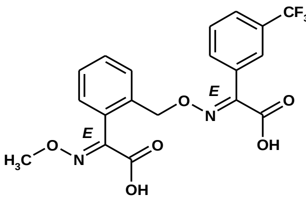
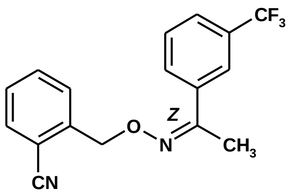
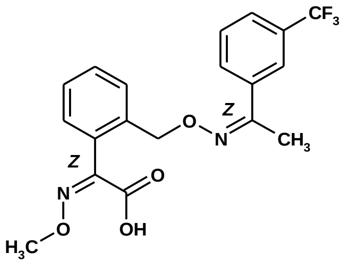
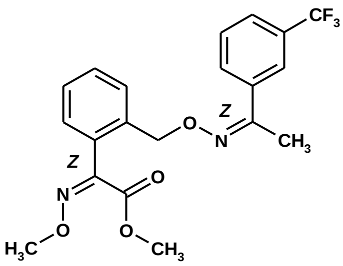
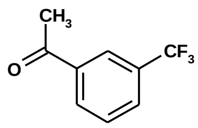
For the Renewal of Authorisations according to Article 43 of Regulation (EC) No 1107/2009, the following guidance is given in the Document SANCO/2010/13170 for products containing two or more active substances:

- “when the 1st substance is renewed- there is no need to evaluate data related to the 2nd substance”
- “once the 2nd substance is renewed- there is no need to evaluate data related to the 1st substance because this has already been performed in the frame of the re-authorisation of the PPP following the renewal of the 1st active substance”
- “Where necessary a combitox assessment should be performed.”

In consequence, metabolites of Fluopyram are not considered in the risk assessment as this would be out of scope of SANCO/2010/13170

Table 8.2-1: Metabolites of trifloxystrobin potentially relevant for exposure assessment

Metabolite	Molar mass	Chemical structure	Maximum observed occurrence in compartments	Exposure assessment required due to
CGA 321113 (EE-isomer)	394.4 g/mole		<u>Soil</u>: 96.8% (lab) 51.2% (field soil studies, surface applied) <u>Water/sediment</u>: (100% assumed for PECsw calc.)	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}
CGA 357276 (E-isomer)	318.3 g/mole		<u>Soil</u>: 5.6% (lab) 2.3% (field soil studies, incorporated) <u>Water/sediment</u>: 10.4% (hydrolysis)	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}
NOA 413161 (ZE-isomer)	424.3 g/mole		<u>Soil</u>: 13.6% (lab) 5.7% (field soil studies, surface applied) <u>Water/sediment</u>: 0%	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}
CGA 357261 (TFS ZE-isomer)	408.4 g/mole		<u>Soil</u>: 15.5% (field soil studies, surface applied) <u>Water/sediment</u>: 51.5%	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}

Metabolite	**Molar mass**	**Chemical structure**	**Maximum observed occurrence in compartments**	**Exposure assessment required due to**
CGA 373466 (ZE-isomer)	394.4 g/mole		Soil: 42.5% (lab) 31% (field soil studies, surface applied) Water/sediment: 34.7% (photolysis)	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}
NOA 413163 (EE-isomer)	424.3 g/mole		Soil: 6.0% (lab soil photolysis) Water/sediment: 0%	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}
NOA 409480 (Z-isomer)	318.3 g/mole		Soil: 9.3% (lab soil photolysis) Water/sediment: 0%	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}
CGA 381318 (ZZ-isomer)	394.4 g/mole		Soil: 6.2% (lab soil photolysis) Water/sediment: 0%	PEC_{soil} PEC_{gw} PEC_{sw} & PEC_{sed}
CGA 357262 (TFS ZZ-isomer)	408.4 g/mole		Soil: 0% Water/sediment: 10.1% (photolysis)	PEC_{sw} & PEC_{sed}
CGA 107170	188.1 g/mole		Soil: 0% Water/sediment: 53.8% (photolysis)	PEC_{sw} & PEC_{sed}

8.3 Rate of degradation in soil (KCP 9.1.1)

Studies on degradation in soil with the formulation were not performed, since it is possible to extrapolate from data obtained with the active substance.

8.3.1 Aerobic degradation in soil (KCP 9.1.1.1)

8.3.1.1 Fluopyram and its metabolites

The aerobic degradation of fluopyram has been evaluated, full details of these studies are provided in the respective EU reference and related documents and summarised in the EFSA conclusion (EFSA Journal 11(4):3052 (2013)). No additional studies have been performed.

Table 8.3-1: Summary of aerobic degradation rates for fluopyram - laboratory studies ([pyridyl-2,6-^{14}C]AE C656948)

Fluopyram, Laboratory studies, aerobic conditions										
Soil name	**Soil type**	**pH**	**t.oC**	**MWHC %**	**DT50 (d)**	**DT90 (d)**	**DT50 (d) 20°C pF2/10kPa**	**Chi2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Hoefchen am Hohenseh	silt loam	6.7	20°C	55%	210	697	160	0.64	SFO	y/ EFSA Journal 2013;11(4):3052
Laacherhof AXXa	sandy loam	6.2	20°C	55%	464	>1000	391	1	SFO	y/ EFSA Journal 2013;11(4):3052
Laacherhof Wurmwiese	sandy loam	5.2	20°C	55%	250	829	211	0.74	SFO	y/ EFSA Journal 2013;11(4):3052
Dollendorf	clay loam	7.3	20°C	55%	162	538	117	1.6	SFO	y/ EFSA Journal 2013;11(4):3052
Porterville, US	sandy loam	7.9	25°C	75% of 1/3 bar	561	>1000	596[b]	3.4	SFO	y/ EFSA Journal 2013;11(4):3052
Springfield, US	silty clay loam	6.5	25°C	75% of 1/3 bar	583 (slow DT_{50} 765, k1=0.112 k2=0.000907 g=0.152)	>1000	717[b] (941)[b]	2.9	DFOP (slow DT_{50} DFOP)	y/ EFSA Journal 2013;11(4):3052
Geometric mean/Median (n=6)							**309/** 301[a]			
pH-dependency:							no			

[a] for DFOP kinetic the slow DT_{50} is used

[b] for t-normalisation Q_{10} = 2.58 is used

Table 8.3-2: Summary of aerobic degradation rates for fluopyram - laboratory studies ([phenyl-UL-^{14}C]AE C656948)

Fluopyram, Laboratory studies, aerobic conditions										
Soil name	**Soil type**	**pH**	**t.oC**	**MWHC %**	**DT50 (d)**	**DT90 (d)**	**DT50 (d) 20°C pF2/10kPa**	**Chi2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Hoefchen a. Hohenseh	silt loam	6.7	20°C	55%	221	735	168	1.1	SFO	y/ EFSA Journal 2013;11(4):3052
Laacherhof AXXa	sandy loam	6.2	20°C	55%	231	761	195	1.3	SFO	y/ EFSA Journal 2013;11(4):3052
Laacherhof Wurmwiese	sandy loam	5.2	20°C	55%	339	>1000	285	1.8	SFO	y/ EFSA Journal 2013;11(4):3052
Laacherhof AIIIa	loam	7.3	20°C	55%	165	549	119	0.73	SFO	y/ EFSA Journal 2013;11(4):3052
Porterville, US	sandy loam	7.9	25°C	75% of 1/3 bar	746	>1000	795[b]	2.4	SFO	y/ EFSA Journal 2013;11(4):3052
Springfield, US	silty clay loam	6.5	25°C	75% of 1/3 bar	654 (slow DT_{50} 990, k1=0.0924, k2=7e-4 g=0.2098	>1000	805[b] (1219)[b]	2.9	DFOP (slow DT_{50} DFOP)	y/ EFSA Journal 2013;11(4):3052
Geometric mean/Median (n=6)							**320**/240[a]			
pH-dependency:							no			

[a] for DFOP kinetic the slow DT_{50} is used

[b] for t-normalisation Q_{10} = 2.58 is used

8.3.1.2 Trifloxystrobin and its metabolites

The aerobic degradation of trifloxystrobin has been evaluated; full details of these studies are provided in the respective EU dRAR, Volume 3 – B.8 (AS) and summarised in the EFSA conclusion (EFSA Journal 2017;15(10):4989); no additional studies are submitted within this dRR.

Triggering endpoints

Table 8.3-3: Summary of aerobic degradation rates for trifloxystrobin - laboratory studies (triggering endpoints)

Trifloxystrobin, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Grand Forks	loam	6.8 (n.s.)	25	75% WHC at 1/3 bar	0.85	4.75	7.9	FOMC	KCA 7.1.1.1/01-05
Gartenacker	silt loam	7.2 (n.s.)	19	75% WHC at 1/3 bar	0.49	2.23	5.1	FOMC	KCA 7.1.2.1.1/07-08
Gartenacker	loam	7.25 (n.s.)	19	75% WHC at 1/3 bar	0.41	1.35	7.2	SFO	KCA 7.1.2.1.1/10
Gartenacker A (1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	0.49	2.66	2.2	FOMC	KCA 7.1.2.1.1/11-19
Gartenacker B 3 (1 ppm)	silt loam	7.2 (n.s.)	20	30% WHC at 1/3 bar	0.89	4.31	5.7	FOMC	y/
Gartenacker D (0.1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	0.64	3.37	5.6	FOMC	RAR & EFSA, 2017[a]
Neuhofen	loamy sand	7.85 (n.s.)	20	40% MWHC	0.57	2.75	11.92	FOMC	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	0.73	2.9	5.39	FOMC	
Strassenacker	sandy loam	8.05 (n.s.)	20	40% MWHC	0.58	2.96	4.2	FOMC	
Gartenacker	silty loam	7.2 (n.s.)	20	75% WHC at 1/3 bar	0.82	2.72	4.6	SFO	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	0.46	2.9	3.6	FOMC	
Weide A (0.3 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	0.34	2.62	2.5	FOMC	
Weide B (1.0 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	0.4	2.69	4.1	FOMC	
Collombey	loamy sand	7.45 (n.s.)	19.2	40% MWHC	0.44	2.84	4.8	FOMC	
Borstel	sandy loam	5.14 (KCl)	20	40% MWHC	4.35	160.3	3.0	DFOP	
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.1	53.4% MWHC	0.13	0.8	4.3	FOMC	
Laacher Hof AXXa	loamy sand	5.9 ($CaCl_2$)	20.1	52.9% MWHC	0.15	1.22	6.5	FOMC	
Hoefchen am	silt	6.2	20.1	53.3%	0.19	1.73	3.5	FOMC	

Trifloxystrobin, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT$_{50}$ (d)**	**DT$_{90}$ (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Hohenseh 4a	loam	(CaCl$_2$)		MWHC					
Dollendorf II	clay loam	7.1 (CaCl$_2$)	20.1	53.9% MWHC	0.3	0.8	1.4	FOMC	
Gartenacker C (1.0 ppm)	silt loam	7.2 (n.s.)	10	60% WHC at 1/3 bar	1.05	8.46	10.6	FOMC	
				Max	**4.35**				
				pH-dependency: y/n	n				
x: acc. USDA; y: measured in medium (n.s.: not specified)									

[a] Refer to Appendix 1

Table 8.3-4: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 321113 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite CGA 321113, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT$_{50}$ (d)**	**DT$_{90}$ (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Grand Forks	loam	6.8 (n.s.)	25	75% WHC at 1/3 bar	257.2	853.9	7.2	FOMC-SFO	KCA 7.1.2.1.2/01 to 07
Gartenacker	silt loam	7.2 (n.s.)	20	75% WHC at 1/3 bar	80.3	266.6	3.2	FOMC-SFO	KCA 7.1.2.1.2/08
Gartenacker	loam	7.25 (n.s.)	20	75% WHC at 1/3 bar	99.2	329.3	1.7	SFO-SFO	KCA 7.1.2.1.2/16-24
Gartenacker A (1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	120	398.2	2.3	FOMC-SFO	KCA 7.1.2.1.2/32
Gartenacker B 2 (1 ppm)	silt loam	7.2 (n.s.)	20	30% WHC at 1/3 bar	262.7**	872.2	2.7	FOMC-SFO	y/
Gartenacker D (0.1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	35.1	116.5	1.5	FOMC-SFO	RAR & EFSA, 2017[a]
Neuhofen	loamy sand	7.85 (n.s.)	20	40% MWHC	755.6*	>1000	1.1	FOMC-SFO	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	428.4	>1000	1.2	FOMC-SFO	
Strassenacker	sandy loam	8.05 (n.s.)	20	40% MWHC	358.0	>1000	1.5	FOMC-SFO	
Gartenacker	silty loam	7.2 (n.s.)	20	75% WHC at 1/3 bar	386.1	>1000	1.3	SFO-SFO	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	115.3	382.8	2.1	FOMC-SFO	
Weide A (0.3 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	112.4	373.2	2.4	FOMC-SFO	
Weide B (1.0 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	235	780.2	2.1	FOMC-SFO	
Collombey	loamy sand	7.45 (n.s.)	19.2	40% MWHC	157.4**	522.6	0.6	FOMC-SFO	

Trifloxystrobin metabolite CGA 321113, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Borstel	loamy sand	5.8 ($CaCl_2$)	20	40% MWHC	223.2	741.0	1.8	SFO	
Borstel	sandy loam	5.14 (KCl)	20	40% MWHC	380.4	>1000	2.7	DFOP-SFO	
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.1	53.9% MWHC	70.1	232.7	4.6	FOMC-SFO	
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.1	52.9% MWHC	71.6	237.7	3.6	FOMC-SFO	
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.1	53.3% MWHC	55.5	184.3	1.9	FOMC-SFO	
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.1	53.9% MWHC	77.4	257.0	2.9	FOMC-SFO	
Gartenacker C (1.0 ppm)	silt loam	7.2 (n.s.)	10	60% WHC at 1/3 bar	369.5**	>1000	2.9	FOMC-SFO	
Max					**428**				
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium (n.s.: not specified) *: Acc. to report M-468177-01-1, KCA 7.1.2.1.2 /32 in RAR Volume 3 – B.8 (AS): outlier; not considered, however, this is not mentioned in the LoEP **: excluded from 95th quantile calculation of the DT50 in soil (see Table 8.7 2) since other studies on the same soil were performed closer to reference conditions									

[a] Refer to Appendix 1

Table 8.3-5: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 357276 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite CGA 357276, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	Sandy loam	5.1 ($CaCl_2$)	20.1	53.9% MWHC	n.r.	n.r.	4.8	SFO-SFO	KCA 7.1.2.1.2/14
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.1	52.9% MWHC	n.r.	n.r.	6.1	SFO-SFO	KCA 7.1.2.1.2/24
Laacher Hof Wurmwiese	sandy loam	5.0 ($CaCl_2$)	19.9	55.7% MWHC	20.2	161	3.2	HS	KCA 7.1.2.1.2/30
Laacher Hof AXXa	Loamy sand	6.0 ($CaCl_2$)	19.9	55.5% MWHC	21.1	168.5	1.2	DFOP	y/
Hoefchen am Hohenseh 4a	silt loam	6.4 ($CaCl_2$)	19.9	55.0% MWHC	21.4	131.2	2.8	DFOP	RAR & EFSA, 2017[a]
Dollendorf II	loam	7.3 ($CaCl_2$)	19.9	55.4% MWHC	12	71.7	1.8	FOMC	
Max					**21.4**				
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium (n.s.: not specified)									

[a] Refer to Appendix 1

Table 8.3-6: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413161 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite NOA 413161, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.1	53.9% MWHC	90.4	300.1	3.3	SFO-SFO	KCA 7.1.2.1.2/09
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.1	52.9% MWHC	48.1	159.7	5.1	SFO-SFO	KCA 7.1.2.1.2/12
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.1	53.37% MWHC	35.1	116.5	4.0	SFO-SFO	KCA 7.1.2.1.2/24
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.1	53.9% MWHC	30.9	102.6	4.7	SFO-SFO	KCA 7.1.2.1.2/28-29
Borstel	loamy sand	5.8 ($CaCl_2$)	20.0	40.0% MWHC	253.7	842.3	3.6	SFO-SFO	y/
Laacher Hof Wurmwiese	sandy loam	5.3 ($CaCl_2$)	20.0	55.0% MWHC	89.6	297.5	7.1	SFO-SFO	RAR & EFSA, 2017[a]
Hoefchen am Hohenseh 4a	silt loam	6.5 ($CaCl_2$)	20.0	55.0% MWHC	149.3	495.7	3.3	SFO-SFO	
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.0	55.0% MWHC	85.0	282.2	2.9	SFO-SFO	
MAX					**253.7**				
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium									

[a] Refer to Appendix 1

Table 8.3-7: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 357261 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite CGA 357261, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.2	55.0% MWHC	0.07	0.23	9.7	SFO	KCA 7.1.2.2/25
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.2	55.0% MWHC	0.07	0.23	16.0	SFO	y/
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.2	55.0% MWHC	0.10	0.33	13.9	SFO	RAR & EFSA, 2017[a]
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.2	55.0% MWHC	0.13	0.43	10.8	SFO	
Max					**0.13**				
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium									

[a] Refer to Appendix 1

Table 8.3-8: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 373466 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite CGA 373466, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.2	55.0% MWHC	31.3	103.9	4.7	FOMC-SFO	KCA 7.1.2.2/25 y/ RAR & EFSA, 2017[a]
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.2	55.0% MWHC	44.6	148.1	1.7	DFOP-SFO	
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.2	55.0% MWHC	44.7	148.4	1.9	DFOP-SFO	
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.2	55.0% MWHC	72.3	240.0	2.5	FOMC-SFO	
				Max	**72.3**				
				pH-dependency: y/n	n				
x: acc. USDA; y: measured in medium									

[a] Refer to Appendix 1

Table 8.3-9: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413163 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite NOA 413163, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.2	55.0% MWHC	76.0	25.3	5.0	SFO-SFO	KCA 7.1.2.1.2/10
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.2	55.0% MWHC	53.6	178.0	3.5	SFO-SFO	KCA 7.1.2.1.2/13
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.2	55.0% MWHC	40.0	132.8	3.7	SFO-SFO	KCA 7.1.2.1.2/25
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.2	55.0% MWHC	25.4	84.3	6.2	SFO-SFO	KCA 7.1.2.1.2/27 y/ RAR & EFSA, 2017[a]
Laacher Hof Wurmwiese	sandy loam	5.6 ($CaCl_2$)	20.0	55.0% MWHC	61.9	205.5	5.9	SFO-SFO	
Hoefchen am Hohenseh 4a	Sandy loam	6.8 ($CaCl_2$)	20.0	55.0% MWHC	39.6	131.5	4.4	SFO-SFO	
Dollendorf II	loam	7.3 ($CaCl_2$)	20.0	55.0% MWHC	29.6	98.3	3.5	SFO-SFO	
				Max	**76.0**				
				pH-dependency: y/n	n				
x: acc. USDA; y: measured in medium									

[a] Refer to Appendix 1

Table 8.3-10: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 409480 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite NOA 409480, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.0 ($CaCl_2$)	19.4	55.0% MWHC	45.3	150.4	9.2	SFO	KCA 7.1.2.1.2/15 KCA 7.1.2.1.2/26 y/ RAR & EFSA, 2017[a]
Laacher Hof AXXa	sandy loam	5.7 ($CaCl_2$)	19.4	55.0% MWHC	39.3	130.5	8.2	SFO	
Hoefchen am Hohenseh 4a	silt loam	6.1 ($CaCl_2$)	19.4	55.0% MWHC	24.9	82.7	9.1	SFO	
Dollendorf II	clay loam	7.2 ($CaCl_2$)	19.4	55.0% MWHC	19.1	63.4	7.5	SFO	
Max					**45.3**				
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium									

[a] Refer to Appendix 1

Table 8.3-11: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 381318 - laboratory studies (triggering endpoints)

Trifloxystrobin metabolite CGA 381318, laboratory studies, dark aerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.2 ($CaCl_2$)	20.3	54.5% MWHC	11.9	39.5	5.2	SFO	KCA 7.1.2.1.2/10 KCA 7.1.2.1.2/31 y/ RAR & EFSA, 2017[a]
Laacher Hof AXXa	Loamy sand	5.9 ($CaCl_2$)	20.3	54.5% MWHC	22.8	75.7	5	SFO	
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.3	54.5% MWHC	22.8	75.7	4.1	SFO	
Dollendorf II	loam	7.2 ($CaCl_2$)	20.3	54.5% MWHC	20.4	67.7	3.5	SFO	
Max					**22.8**				
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium									

[a] Refer to Appendix 1

Modelling endpoints

Table 8.3-12: Summary of aerobic degradation rates for trifloxystrobin - laboratory studies (modelling endpoints)

Trifloxystrobin, laboratory studies, dark aerobic conditions, modelling endpoints										
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**DT_{50} (d) 20°C pF2/10kPa[#]**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Grand Forks	loam	6.8 (n.s.)	25	75% WHC at 1/3 bar	0.85	4.75	0.99	7.9	FOMC	KCA 7.1.1.1/01-05
Gartenacker	silt loam	7.2 (n.s.)	19	75% WHC at 1/3 bar	0.49	2.23	0.45	5.1	FOMC	KCA 7.1.2.1.1/07-08
Gartenacker	loam	7.25 (n.s.)	19	75% WHC at 1/3 bar	0.41	1.35	0.37	7.2	SFO	KCA 7.1.2.1.1/10
Gartenacker A (1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	0.49	2.66	0.30	2.2	FOMC	KCA 7.1.2.1.1/11-19
Gartenacker B 3 (1 ppm)	silt loam	7.2 (n.s.)	20	30% WHC at 1/3 bar	0.89	4.31	0.33*	5.7	FOMC	y/
Gartenacker D (0.1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	0.64	3.37	0.39	5.6	FOMC	RAR & EFSA, 2017[a]
Neuhofen	loamy sand	7.85 (n.s.)	20	40% MWHC	0.57	2.75	0.31	11.92	FOMC	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	0.73	2.9	0.44	5.39	FOMC	
Strassenacker	sandy loam	8.05 (n.s.)	20	40% MWHC	0.58	2.96	0.33	4.2	FOMC	
Gartenacker	silty loam	7.2 (n.s.)	20	75% WHC at 1/3 bar	0.82	2.72	0.58	4.6	SFO	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	0.46	2.9	0.26	3.6	FOMC	
Weide A (0.3 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	0.34	2.62	0.17	2.5	FOMC	
Weide B (1.0 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	0.4	2.69	0.20	4.1	FOMC	
Collombey	loamy sand	7.45 (n.s.)	19.2	40% MWHC	0.44	2.84	0.19*	4.8	FOMC	
Borstel	sandy loam	5.14 (KCl)	20	40% MWHC	4.35	160.3	2.83	3.0	DFOP	
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.1	53.4% MWHC	0.13	0.8	0.13	4.3	FOMC	

Trifloxystrobin, laboratory studies, dark aerobic conditions, modelling endpoints										
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**DT_{50} (d) 20°C pF2/10kPa#**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof AXXa	loamy sand	5.9 ($CaCl_2$)	20.1	52.9% MWHC	0.15	1.22	0.15	6.5	FOMC	
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.1	53.3% MWHC	0.19	1.73	0.18	3.5	FOMC	
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.1	53.9% MWHC	0.3	0.8	0.30	1.4	FOMC	
Gartenacker C (1.0 ppm)	silt loam	7.2 (n.s.)	10	60% WHC at 1/3 bar	1.05	8.46	0.25*	10.6	FOMC	
						Geometric mean	**0.34**			
						pH-dependency: y/n	n			
x: acc. USDA; y: measured in medium (n.s.: not specified) #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7 *: excluded from geo mean calculation since other studies on the same soil were performed at closer to reference conditions.										

[a] Refer to Appendix1 – KCA 7.1.1.1/01 to 05

Table 8.3-13: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 321113 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite CGA 321113, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT$_{50}$ (d) 20°C pF2/10kPa$^{\#}$**	**Formation fraction (ff)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Grand Forks	loam	6.8 (n.s.)	25	75% WHC at 1/3 bar	299.0	0.822	7.2	FOMC-SFO	KCA 7.1.2.1.2/01-07
Gartenacker	silt loam	7.2 (n.s.)	20	75% WHC at 1/3 bar	73.0	0.969	3.2	FOMC-SFO	KCA 7.1.2.1.2/08
Gartenacker	loam	7.25 (n.s.)	20	75% WHC at 1/3 bar	90.2	0.947	1.7	SFO-SFO	KCA 7.1.2.1.2/16-24
Gartenacker A (1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	72.3	0.951	2.3	FOMC-SFO	KCA 7.1.2.1.2/32
Gartenacker B 2 (1 ppm)	silt loam	7.2 (n.s.)	20	30% WHC at 1/3 bar	97.4*	1.000	2.7	FOMC-SFO	y/
Gartenacker D (0.1 ppm)	silt loam	7.2 (n.s.)	20	60% WHC at 1/3 bar	21.1	1.000	1.5	FOMC-SFO	RAR & EFSA, 2017[a]
Neuhofen	loamy sand	7.85 (n.s.)	20	40% MWHC	406.4	0.944	1.1	FOMC-SFO	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	258.3	0.970	1.2	FOMC-SFO	
Strassenacker	sandy loam	8.05 (n.s.)	20	40% MWHC	206.3	0.946	1.5	FOMC-SFO	
Gartenacker	silty loam	7.2 (n.s.)	20	75% WHC at 1/3 bar	271.8	0.935	1.3	SFO-SFO	
Collombey	loamy sand	7.65 (n.s.)	20	40% MWHC	65.4	0.913	2.1	FOMC-SFO	
Weide A (0.3 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	55.7	1.000	2.4	FOMC-SFO	
Weide B (1.0 mg/kg soil)	sandy loam	7.5 (n.s.)	19.2	40% MWHC	116.5	0.957	2.1	FOMC-SFO	
Collombey	loamy sand	7.45 (n.s.)	19.2	40% MWHC	69.4*	1.000	0.6	FOMC-SFO	
Borstel	loamy sand	5.8 ($CaCl_2$)	20	40% MWHC	194.5	N/A	1.8	SFO	
Borstel	sandy loam	5.14 (KCl)	20	40% MWHC	247.6	0.983	2.7	DFOP-SFO	
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.1	53.9% MWHC	70.8	0.917	4.6	FOMC-SFO	
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.1	52.9% MWHC	72.3	0.996	3.6	FOMC-SFO	
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.1	53.3% MWHC	52.0	0.973	1.9	FOMC-SFO	
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.1	53.9% MWHC	78.1	0.961	2.9	FOMC-SFO	

Trifloxystrobin metabolite CGA 321113, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa[#]**	**Formation fraction (ff)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Gartenacker C (1.0 ppm)	silt loam	7.2 (n.s.)	10	60% WHC at 1/3 bar	86.3*	0.996	4.3	FOMC-SFO	
Geometric mean					**122.4**				
Arithmetic mean						0.947			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium (n.s.: not specified) #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7 *: excluded from geo mean calculation since other studies on the same soil were performed at closer to reference conditions.									

[a] Refer to Appendix 1

Table 8.3-14: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 357276 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite CGA 357276, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa[#]**	**Formation fraction (ff)[§]**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	Sandy loam	5.1 ($CaCl_2$)	20.1	53.9% MWHC	-	0.061	4.8	SFO-SFO	KCA 7.1.2.1.2/14
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.1	52.9% MWHC	-	0.044	6.1	SFO-SFO	KCA 7.1.2.1.2/24
Laacher Hof Wurmwiese	sandy loam	5.0 ($CaCl_2$)	19.9	55.7% MWHC	65.9	N/A	3.2	HS	KCA 7.1.2.1.2/30
Laacher Hof AXXa	Loamy sand	6.0 ($CaCl_2$)	19.9	55.5% MWHC	71.2	N/A	1.2	DFOP	y/ RAR & EFSA, 2017[a]
Hoefchen am Hohenseh 4a	silt loam	6.4 ($CaCl_2$)	19.9	55.0% MWHC	69.2	N/A	2.8	DFOP	
Dollendorf II	loam	7.3 ($CaCl_2$)	19.9	55.4% MWHC	21.4	N/A	1.8	FOMC	
Geometric mean					**51.3**				
Arithmetic mean						0.053			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7 §: formation fractions derived considering CGA 321113 as the precursor and the DT_{50} of , CGA 357276 was fixed to the K_2 value from the CGA 357276 metabolite dosed study in the same soil. For normalised DT_{50} values reported for the bi-phasic models, these represent the conservative pseudo SFO DT_{50} values based on either slow phase of HS or DFOP or FOMC DT_{90}/3.32.									

[a] Refer to Appendix 1

Table 8.3-15: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413161 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite NOA 413161, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa[#]**	**Formation fraction (ff)[§]**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.1	53.9% MWHC	91.3	0.135	3.3	SFO-SFO	KCA 7.1.2.1.2/09
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.1	52.9% MWHC	48.6	0.164	5.1	SFO-SFO	KCA 7.1.2.1.2/12
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.1	53.37% MWHC	32.9	0.132	4.0	SFO-SFO	KCA 7.1.2.1.2/24
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.1	53.9% MWHC	31.2	0.213	4.7	SFO-SFO	KCA 7.1.2.1.2/28-29
Borstel	loamy sand	5.8 ($CaCl_2$)	20.0	40.0% MWHC	221.1	N/A	3.6	SFO-SFO	y/ RAR & EFSA, 2017[a]
Laacher Hof Wurmwiese	sandy loam	5.3 ($CaCl_2$)	20.0	55.0% MWHC	89.6	N/A	7.1	SFO-SFO	
Hoefchen am Hohenseh 4a	silt loam	6.5 ($CaCl_2$)	20.0	55.0% MWHC	149.3	N/A	3.3	SFO-SFO	
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.0	55.0% MWHC	85.0	N/A	2.9	SFO-SFO	
Geometric mean					**76.3**				
Arithmetic mean						0.161			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7 §: formation fractions derived considering CGA 373466 as the precursor.									

[a] Refer to Appendix 1

Table 8.3-16: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 357261 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite CGA 357261, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa#**	**Formation fraction (ff)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.2	55.0% MWHC	0.07	N/A	9.7	SFO	KCA 7.1.2.2/25
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.2	55.0% MWHC	0.07	N/A	16.0	SFO	y/
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.2	55.0% MWHC	0.10	N/A	13.9	SFO	RAR & EFSA, 2017[a]
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.2	55.0% MWHC	0.13	N/A	10.8	SFO	
Geometric mean					**0.09**				
Arithmetic mean						N/A			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7									

[a] Refer to Appendix 1

Table 8.3-17: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 373466 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite CGA 353466, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa#**	**Formation fraction (ff)§**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.2	55.0% MWHC	31.9	0.98	4.7	FOMC-SFO	KCA 7.1.2.2/25
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.2	55.0% MWHC	45.5	1.00	1.7	DFOP-SFO	y/
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.2	55.0% MWHC	43.2	1.00	1.9	DFOP-SFO	RAR & EFSA, 2017[a]
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.2	55.0% MWHC	73.7	1.00	2.5	FOMC-SFO	
Geometric mean					**46.3**				
Arithmetic mean						1.00			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7 §: formation fractions derived considering CGA 357261 as the precursor									

[a] Refer to Appendix 1

Table 8.3-18: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413163 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite NOA 413163, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa[#]**	**Formation fraction (ff)[§]**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.1 ($CaCl_2$)	20.2	55.0% MWHC	77.4	0.23	5.0	SFO-SFO	KCA 7.1.2.1.2/10
Laacher Hof AXXa	sandy loam	5.9 ($CaCl_2$)	20.2	55.0% MWHC	54.7	0.25	3.5	SFO-SFO	KCA 7.1.2.1.2/13
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.2	55.0% MWHC	38.7	0.16	3.7	SFO-SFO	KCA 7.1.2.1.2/25
Dollendorf II	clay loam	7.1 ($CaCl_2$)	20.2	55.0% MWHC	25.8	0.26	6.2	SFO-SFO	KCA 7.1.2.1.2/27
Laacher Hof Wurmwiese	sandy loam	5.6 ($CaCl_2$)	20.0	55.0% MWHC	61.9	N/A	5.9	SFO-SFO	y/
Hoefchen am Hohenseh 4a	Sandy loam	6.8 ($CaCl_2$)	20.0	55.0% MWHC	39.6	N/A	4.4	SFO-SFO	RAR & EFSA, 2017[a]
Dollendorf II	loam	7.3 ($CaCl_2$)	20.0	55.0% MWHC	29.6	N/A	3.5	SFO-SFO	
Geometric mean					**43.7**				
Arithmetic mean						0.23			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7 §: formation fractions derived considering CGA 373466 as the precursor									

[a] Refer to Appendix 1

Table 8.3-19: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 409480 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite NOA 409480, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa[#]**	**Formation fraction (ff)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.0 ($CaCl_2$)	19.4	55.0% MWHC	42.8	N/A	9.2	SFO	KCA 7.1.2.1.2/15
Laacher Hof AXXa	sandy loam	5.7 ($CaCl_2$)	19.4	55.0% MWHC	37.1	N/A	8.2	SFO	KCA 7.1.2.1.2/26
Hoefchen am Hohenseh 4a	silt loam	6.1 ($CaCl_2$)	19.4	55.0% MWHC	23.5	N/A	9.1	SFO	y/
Dollendorf II	clay loam	7.2 ($CaCl_2$)	19.4	55.0% MWHC	15.2	N/A	7.5	SFO	RAR & EFSA, 2017[a]
Geometric mean					**27.5**				
Arithmetic mean						N/A			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7									

[a] Refer to Appendix 1

Table 8.3-20: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 381318 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite CGA 381318, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa[#]**	**Formation fraction (ff)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	5.2 ($CaCl_2$)	20.3	54.5% MWHC	12.2	N/A	5.2	SFO	KCA 7.1.2.1.2/10
Laacher Hof AXXa	Loamy sand	5.9 ($CaCl_2$)	20.3	54.5% MWHC	23.5	N/A	5.0	SFO	KCA 7.1.2.1.2/31
Hoefchen am Hohenseh 4a	silt loam	6.2 ($CaCl_2$)	20.3	54.5% MWHC	23.5	N/A	4.1	SFO	y/
Dollendorf II	loam	7.2 ($CaCl_2$)	20.3	54.5% MWHC	21.0	N/A	3.5	SFO	RAR & EFSA, 2017[a]
Geometric mean					**19.4**				
Arithmetic mean						N/A			
Maximum value from trifloxystrobin lab soil photo-transformation studies						0.062			
pH-dependency: y/n					n				
x: acc. USDA; y: measured in medium #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7									

[a] Refer to Appendix 1

8.3.2 Anaerobic degradation in soil (KCP 9.1.1.1)

8.3.2.1 Fluopyram and its metabolites

The anaerobic degradation of fluopyram has been evaluated, full details of these studies are provided in the respective EU reference and related documents and summarised in the EFSA conclusion (EFSA Journal 11(4):3052 (2013)). No additional studies have been performed.

Table 8.3-21: Summary of anaerobic degradation rates for fluopyram - laboratory studies

Fluopyram, Laboratory studies, anaerobic conditions								
Soil type	**pH**	**t.oC**	**MWHC %**	**DT_{50} / DT_{90} (d)**	**DT50 (d) 20°C pF2/10kPa**	**St (r^2)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
silt loam	6.4	20°C	50%	> 1000	-	1.1	SFO	y/ EFSA Journal 2013;11(4):3052

8.3.2.2 Trifloxystrobin and its metabolites

The following is stated in Volume 3 – B.8 (AS) on page 10:

"Under anaerobic conditions in the dark in the laboratory, CGA 321113 (EE) was identified as the single major degradation product with a maximum amount of 97.0% AR. Formation of carbon dioxide was very low with a maximum amount of 0.4% AR. NER reached a maximum amount of 6.8% AR. No new novel metabolites were formed under anaerobic conditions."

The following is stated in Volume 3 – B.8 (AS) on page 18, Previous evaluation, in RAR for original Annex I evaluation (2002):

"The anaerobic degradation of trifloxystrobin has been evaluated for the first time. No new data were presented for anaerobic degradation of trifloxystrobin, reliance made on existing data considered for the Annex I listing of trifloxystrobin as a new active substance. The UK RMS has briefly reviewed this original anaerobic degradation study to determine whether it does meet current guidelines. Although the original evaluation summary was not as extensive as is currently used, the UK RMS has confirmed that the study is considered acceptable. Details included specific analytical methods, soil characterisation details (including microbial activity). The study contains sufficient detail for a kinetics assessment according to FOCUS guidelines for metabolites considered to require further consideration (i.e. >10%, further metabolites >5% on two consecutive timepoints were not found).

As a modern kinetics evaluation has been performed on the data, the previous kinetics information has been greyed out."

The mentioned study was briefly summarised, and the following was stated below:

"KCA 7.1.2.1.3/02 Reinken, G.; Bolekhan, A. 2013 M-461176-01-1

The above study is a modern kinetics assessment of KCA 7.1.2.1.3/01 and is described later."

For the metabolites the submitted studies were briefly summarised in Volume 3 – B.8 (AS) on page 19 ff, and the following was stated at the end of section on page below:

"KCA 7.1.2.1.4/04 Reinken, G.; Bolekhan, A. 2013 M-468176-01-1
KCA 7.1.2.1.4/05 Reinken, G.; Bolekhan, A. 2013 M-468178-01-1

"The above studies are modern kinetic assessments of KCA 7.1.2.1.4/02 and KCA 7.1.2.1.4/03 and are described later."

The RMS did not describe, neither considered before mentioned 3 kinetics reports in Volume 3 – B.8 (AS), later, nor in the LoEP, even if it had been summarised by the applicant in the submitted dossier. The following data gap was opened by the RMS.

"DG 14
Evaluations of the applicant's kinetic assessments of lab anaerobic soil degradation studies for trifloxystrobin, CGA 321113, NOA 413161 and NOA 413163 were not available (relevant for the representative uses on apple, pear and quince in regions where anaerobic soil conditions cannot be excluded."

As also indicated by EFSA these kinetic assessments were available in Bayer's dossier (see Section 4). However, it was the RMS decision not to include an evaluation of these assessments."

Therefore, Bayer disagrees with RMS statement that a kinetics assessment of lab anaerobic soil degradation study is not available. In fact a transparent FOCUS kinetics assessment of the anaerobic soil data is available. The results are summarised below, however they are not to be found in the LoEP.

Triggering endpoints

Table 8.3-22: Summary of anaerobic degradation rates for trifloxystrobin - laboratory studies (triggering endpoints)

Trifloxystrobin, laboratory studies, dark anaerobic conditions, triggering endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**Chi^2 (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
North Carolina	loamy sand	7.1 (n.s.)	25	N/A	0.61	n.c.	2.8	HS*	KCA 7.1.2.1.3/01 y/ RAR & EFSA, 2017[a] KCA 7.1.2.1.3/02 n / see above

[a] Refer to Appendix 1
x: acc. USDA y: measured in medium, n.s. not specified
*: k_2: 2.48 x 10^{-8}

Modelling endpoints

Table 8.3-23: Summary of anaerobic degradation rates for trifloxystrobin - laboratory studies (modelling endpoints)

Trifloxystrobin, laboratory studies, dark anaerobic conditions, modelling endpoints										
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**DT_{90} (d)**	**DT_{50} (d) 20°C pF2/10kPa#**	**Chi² (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
North Carolina	Loamy sand	7.1 (n.s.)	25	N/A	0.61	n.c.	0.07	1.2	SFO	KCA 7.1.2.1.3/01 y/ RAR & EFSA, 2017[a] KCA 7.1.2.1.3/02 n / see above

[a] Refer to Appendix 1
x: acc. USDA y: measured in medium, n.s. not specified

Table 8.3-24: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 321113 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite CGA 321113, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d) 20°C pF2/10kPa#**	**Formation fraction (ff)**	**Chi² (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
North Carolina	Loamy sand	7.1 (n.s.)	25	N/A	>1000	1.000	2.8	SFO	KCA 7.1.2.1.3/01 y/ RAR & EFSA, 2017[a] KCA 7.1.2.1.3/02 n / see above
Hoefchen am Hohenseh	Silt loam	6.1 ($CaCl_2$)	20	N/A	356	N/A	1.4	SFO	KCA 7.1.2.1.4/02 y/ RAR & EFSA, 2017[a] KCA 7.1.2.1.4/04 n / see above
[a] Refer to Appendix 1 x: acc. USDA; y: measured in medium, n.s. not specified #: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7									

Table 8.3-25: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413161 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite NOA 413161, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**Formation fraction (ff)**	**Chi² (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Hoefchen am Hohenseh	Silt	6.7 ($CaCl_2$)	20	N/A	976.4	N/A	4.0	SFO	KCA 7.1.2.1.4/03 y/ RAR & EFSA, 2017[a] KCA 7.1.2.1.4/05 n / see above
[a] Refer to Appendix 1 x: acc. USDA; y: measured in medium, n.s. not specified									

Table 8.3-26: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413163 - laboratory studies (modelling endpoints)

Trifloxystrobin metabolite NOA 413163, laboratory studies, dark aerobic conditions, modelling endpoints									
Soil name	**Soil type (x)**	**pH (y)**	**t. °C**	**MWHC/ WHC at 1/3 bar**	**DT_{50} (d)**	**Formation fraction (ff)**	**Chi² (%)**	**Kinetic model**	**Evaluated on EU level y/n/ Reference**
Hoefchen am Hohenseh	Silt loam	6.1 ($CaCl_2$)	20	N/A	206.1	N/A	1.6	SFO	KCA 7.1.2.1.4/03 y/ RAR & EFSA, 2017[a] KCA 7.1.2.1.4/05 n / see above
[a] Refer to Appendix 1 x: acc. USDA; y: measured in medium, n.s. not specified									

8.4 Field studies (KCP 9.1.1.2)

8.4.1 Soil dissipation testing on a range of representative soils (KCP 9.1.1.2.1)

8.4.1.1 Fluopyram and its metabolites

The field dissipation of fluopyram has been evaluated, full details of these studies are provided in the respective EU reference and related documents and summarised in the EFSA conclusion (EFSA Journal 11(4):3052 (2013)). No additional studies have been performed.

Triggering endpoints

Table 8.4-1: Summary of aerobic degradation rates for fluopyram - field studies: Triggering endpoints

Fluopyram, Field studies – Triggering endpoints									
Soil type	**Location**	**pH**	**Depth (cm)**	**DissT50 (d) actual**	**DT90 (d) actual**	**Kinetic parameters**	**St. (x^2)**	**Method of calculation**	**Evaluated on EU level y/n/ Reference**
European field studies									
Silt loam (bare soil)	Burscheid, Germany, R 2005 0326/1	6.9	0-20	145	1080	k1 = 0.0107 k2 = 0.0015 g = 0.49	7.3	DFOP	y/ EFSA Journal 2013;11(4):3052
Sandy loam (bare soil)	Little Shelford, UK, R 2005 0328/8	8.1	0-20	164	1370	k1 = 0.035 k2 = 0.0013 g = 0.39	6.9	DFOP	y/ EFSA Journal 2013;11(4):3052
Loam (bare soil)	Staffanstorp, Sweden, R 2005 0329/6	8.1	0-20	179	> 1000	k1 = 17.329 k2 = 0.0018 g = 0.3109	5.9	DFOP	y/ EFSA Journal 2013;11(4):3052
Silt loam (bare soil)	Vatteville, France, R 2005 0331/8	7.3	0-20	347	> 1000	k1 = 0.0341 (DT_{50} = 20.33 d) k2 = 0.0014 (DT_{50} = 495.11 d) g = 0.1804	10.1	DFOP	y/ EFSA Journal 2013;11(4):3052
				318		k1 = 0.0406 k2 = 0.0014 g = 0.22	9.9	DFOP	y/ EFSA Journal 2013;11(4):3052
Loam (bare soil)	Vilobi d'Onyar, Spain, R 2005 0332/6	6.7	0-20	147	487	-	22.0	SFO	y/ EFSA Journal 2013;11(4):3052
Silt loam (bare soil)	Albaro, Italy, R 2005 0333/4	8.2	0-20	21.2	512	k1 = 0.1199 k2 = 0.0031 g = 0.51	7.0	DFOP	y/ EFSA Journal 2013;11(4):3052
Maximum (n=6)				**347**	1370				
US field studies									
Loamy sand (bare ground)	New York, USA	6.2	0-30	539	3340	k1 = 0.104 k2 = 0.00058 g = 0.319	10	DFOP	y/ EFSA Journal 2013;11(4):3052
Loam (bare ground)	North Dakota, USA	7.0	0-30	83	19300	k1 = 0.0377 k2 = 8.13e-05 g =0.520	3.7	DFOP	y/ EFSA Journal 2013;11(4):3052
Sandy loam (bare ground)	Washington, USA	8.1	0-30	163	1690	k1 = 0.0317 k2 = 0.0010 g = 0.411	3.6	DFOP	y/ EFSA Journal 2013;11(4):3052
Maximum (n=3)				**539**					

Modelling endpoints

Table 8.4-2: Summary of aerobic degradation rates for fluopyram - field studies: Modelling endpoints

Fluopyram, Field studies – Modelling endpoints						
Soil type	**Location**	**pH**	**Depth (cm)**	**DT50 (d) 20°C, pF2**	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
EU sites						
Silt loam (bare soil)	Hoefchen, D	6.9	0-20	92.8	SFO	y/ EFSA Journal 2013;11(4):3052
Sandy loam (bare soil)	Little Shelford, UK	8.1	0-20	123.1	SFO	y/ EFSA Journal 2013;11(4):3052
Loam (bare soil)	Staffanstorp, S	8.1	0-20	100.0	SFO	y/ EFSA Journal 2013;11(4):3052
Silt loam (bare soil)	Vatteville, F	7.3	0-20	124.4	SFO	y/ EFSA Journal 2013;11(4):3052
Loam (bare soil)	Vilobí d'Onyar, E	6.7	0-20	87.4	SFO	y/ EFSA Journal 2013;11(4):3052
Silt loam (bare soil)	Alboro, I	8.2	0-20	115.5	DFOP	y/ EFSA Journal 2013;11(4):3052
Geometric mean / median (n=6)				**106.2** / 107.8		
US sites						
Loamy sand (bare ground)	New York, USA	6.2	0-30	228.4	SFO	y/ EFSA Journal 2013;11(4):3052
Loam (bare ground)	North Dakota, USA	7.0	0-30	744.0	DFOP	y/ EFSA Journal 2013;11(4):3052
Sandy loam (bare ground)	Washington, USA	8.1	0-30	257.5	DFOP	y/ EFSA Journal 2013;11(4):3052
Geometric mean / median (n=3)				**352.4** / 257.5		
Overall geometric mean / median (n=9):				**158.4** / 123.1		
pH-dependency y/n				no		

8.4.1.2 Trifloxystrobin and its metabolites

The field dissipation of trifloxystrobin and several metabolites has been evaluated; full details of these studies are provided in the respective RAR and summarised in the Conclusion on the peer review of the pesticide risk assessment of the active substance trifloxystrobin, EFSA Journal 2017;15(10):4989). No additional studies are submitted within this dRR.

Under semi-field conditions in presence of light, the degradation products CGA 357261 (ZE), CGA 357262 (ZZ), CGA 321113 (EE), CGA 373466 (ZE), NOA 413161 (ZE) and NOA 413163 (EE) were identified as the most important ones. The pattern of metabolite formation in the newly submitted field dissipation studies conducted with either parent trifloxystrobin (EE) or the major photo-degradation product CGA 357261 (ZE) was consistent with that seen under laboratory conditions (noting that the test item in the field was immediately incorporated post-application, such that microbial degradation processes rather than photolysis were responsible for further degradation under these field conditions).

Triggering endpoints

Table 8.4-3: Summary of aerobic degradation rates for trifloxystrobin - field studies: Triggering endpoints

Trifloxystrobin, Field studies – Triggering endpoints									
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DissT$_{50}$ (d) actual**	**DT$_{90}$ (d) actual**	**Kinetic parameters**	**St. (x^2)**	**Method of calculation**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	2.36	35.6	K_1 9.555 K_2 0.052 g 0.562	12.6/ 27.1	DFOP/ DFOP	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	6.65	22.1	K_1 0.1042	17.9/ 16.5	SFO/ SFO	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	6.02	20.0	K 0.4367	22.6/ 28.8	SFO/ SFO	KCA 7.1.2.2.1/15-19
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	6.71	22.3	K 0.4559	12.9/ 9.0	SFO/ SFO	y/
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	1.76	10.4	α 0.5157 β 3.333	11.2/ 19.5	FOMC/ SFO	RAR & EFSA, 2017[a]
Silty clay loam, grass	Albaro (Italy)	7.3	100	3.33	14.7	α -0.131 β -0.169	9.27/ 13.5	FOMC/ SFO	
Maximum (n=6)	**6.7**								
pH-dependency: y/n	N								

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$

Modelling endpoints

Table 8.4-4: Summary of aerobic degradation rates for trifloxystrobin - field studies: Modelling endpoints

Trifloxystrobin, Field studies – Modelling endpoints						
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT$_{50}$ (d) 20°C, pF2[#]**	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	1.13	DFOP/ DFOP	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	1.66	SFO/ SFO	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	1.69	SFO/ SFO	KCA 7.1.2.2.1/15-19

Trifloxystrobin, Field studies – Modelling endpoints						
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2#**	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	2.73	SFO/ SFO	y/ RAR & EFSA, 2017[a]
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	1.10	FOMC/ SFO	
Silty clay loam, grass	Albaro (Italy)	7.3	100	2.49	FOMC/ SFO	
Geometric mean (n=6)				**1.69** §		
Geometric mean combined lab and field studies (n=23)				0.52		
pH-dependency y/n				n		

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7

Table 8.4-5: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 321113 - field studies: Modelling endpoints

Trifloxystrobin metabolite CGA 321113, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2#**	**f.f.***	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	52.4	0.680	DFOP/ DFOP	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	24.7	0.830	SFO/ SFO	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	53.0	0.556	SFO/ SFO	KCA 7.1.2.2.1/15-19
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	95.8	0.668	SFO/ SFO	y/ RAR & EFSA, 2017[a]
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	23.7	0.488	FOMC/ SFO	
Silty clay loam, grass	Albaro (Italy)	7.3	100	79.8	1.000	FOMC/ SFO	
Geometric mean (n=6)				**48.1**			
Arithmetic mean (n=6)					0.707		
pH-dependency y/n				n			

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
f.f. formation fractions, * derived considering trifloxystrobin as the precursor.
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7

Table 8.4-6: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 357276 - field studies: Modelling endpoints

Trifloxystrobin metabolite CGA 357276, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2[#]**	**f.f.***	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	36.5	0.072	SFO/ SFO	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	80.2**	-	SFO	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	36.1	0.062	SFO/ SFO	KCA 7.1.2.2.1/15-19
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	45.5	-	SFO	y/
Silty clay loam, grass	Albaro (Italy)	7.3	100	76.5	0.032	SFO/ SFO	RAR & EFSA, 2017[a]
Geometric mean (n=5)				**51.7**			
Arithmetic mean (n=3)					0.055		
Geometric mean combined lab and field studies (n=9)				**51.5**			
Arithmetic mean combined lab and field studies					0.0542		
pH-dependency y/n				n			

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
f.f. formation fractions, * derived considering CGA 321113 as the precursor.
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7
**: Top down fit of the decline curve from maximum observed peak

Table 8.4-7: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413161 - field studies: Modelling endpoints

Trifloxystrobin metabolite NOA 413161, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2#**	**f.f. ***	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	43.4**	-	SFO	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	30.7	0.263	SFO-SFO	KCA 7.1.2.2.1/11-12
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	26.0	0.078	SFO-SFO	KCA 7.1.2.2.1/15-19
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	34.9	0.259	SFO-SFO	y/
Silty clay loam, grass	Albaro (Italy)	7.3	100	50.8	0.055	SFO-SFO	RAR & EFSA, 2017[a]
Geometric mean (n=5)				**36.1**			
Arithmetic mean (n=4)					0.164		
pH-dependency y/n				n			

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
f.f. formation fractions, * derived considering CGA 321113 as the precursor.
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7
**: Top down fit of the decline curve from maximum observed peak

Table 8.4-8: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 357261 - field studies: Modelling endpoints

Trifloxystrobin metabolite CGA 357261, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2#**	**f.f.**	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	0.27	-	DFOP-DFOP	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	0.61	-	DFOP-SFO	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	0.12	-	FOMC-HS	KCA 7.1.2.2.1/15-19
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	1.35	-	DFOP-SFO	y/
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	0.92	-	FMOC-SFO	RAR & EFSA, 2017[a]
Silty clay loam, grass	Albaro (Italy)	7.3	100	0.88	-	FMOC-SFO	
Geometric mean (n=6)				**0.53**			

Trifloxystrobin metabolite CGA 357261, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2[#]**	**f.f.**	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Geometric mean combined lab and field studies (n=10)				**0.26**			
Arithmetic mean					1.00*		
pH-dependency y/n				n			

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
f.f. formation fractions
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7
*: 1.0 formed from parent (acc. to LoEP, page 54: Formation fraction of 1 accepted for transient nature of metabolite and data generated with metabolite dosed studies)

Table 8.4-9: Summary of aerobic degradation rates for trifloxystrobin metabolite CGA 373466 - field studies: Modelling endpoints

Trifloxystrobin metabolite CGA 373466, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2[#]**	**f.f. ***	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	6.6**	-	SFO	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	8.57	1.000	SFO-SFO	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	29.1	0.618	HS-SFO	KCA 7.1.2.2.1/15-19
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	91.0	1.000	SFO-SFO	y/
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	14.0	1.000	SFO-SFO	RAR & EFSA, 2017[a]
Silty clay loam, grass	Albaro (Italy)	7.3	100	56.1	1.000	SFO-SFO	
Geometric mean (n=6)				**22.1**			
Arithmetic mean (n=5)					0.924		
pH-dependency y/n				n			

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
f.f. formation fractions, * derived considering CGA 357261 as the precursor
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7
**: Top down fit of the decline curve from maximum observed peak

Table 8.4-10: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 413163 - field studies: Modelling endpoints

Trifloxystrobin metabolite NOA 413163, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2#**	**f.f.***	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	53.0**	-	SFO	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	87.4	0.457	SFO-SFO	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	29.9	0.4989	SFO-SFO	KCA 7.1.2.2.1/15-19
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	36.5	0.185	SFO-SFO	y/
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	25.8	0.271	SFO-SFO	RAR & EFSA, 2017[a]
Silty clay loam, grass	Albaro (Italy)	7.3	100	28.7	0.115	SFO-SFO	
Geometric mean (n=6)				**39.4**			
Arithmetic mean (n=5)					0.305		
Geometric mean combined lab and field studies (n=13)				**41.7**			
Arithmetic mean combined lab and field studies					0.27		
pH-dependency y/n				n			

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
f.f. formation fractions, * derived considering CGA 373466 as the precursor
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7
**: Top down fit of the decline curve from maximum observed peak

Table 8.4-11: Summary of aerobic degradation rates for trifloxystrobin metabolite NOA 409480 - field studies: Modelling endpoints

Trifloxystrobin metabolite NOA 409480, Field studies – Modelling endpoints							
Soil type (x), crop, if not bare soil	**Location**	**pH (y)**	**Depth (cm)**	**DT_{50} (d) 20°C, pF2[#]**	**f.f.***	**Fit, Kinetic**	**Evaluated on EU level y/n/ Reference**
Loam, grass	Wipperfuehrt (Germany)	4.3	100	167.0**	-	SFO	KCA 7.1.2.2.1/01-08
Sandy loam, grass	Wellesbourne (UK)	5.7	100	95.5**	0.024[$]	"Top down DT_{50} SFO Fromation fraction SFO-SFO"	KCA 7.1.2.2.1/11-12
Silt loam, grass	Chilly (Northern France)	6.7	100	34.7	0.025	SFO-SFO	KCA 7.1.2.2.1/15-19
Silty clay loam, grass	St. Etiennne du Gres (Southern France)	7.8	100	111.1	-	SFO	y/
Loam, grass	Vilobi d'Onyar (Spain)	6.2	100	18.5	0.028	SFO-SFO	RAR & EFSA, 2017[a]
Silty clay loam, grass	Albaro (Italy)	7.3	100	29.7	0.035	SFO-SFO	
Geometric mean (n=6)				**56.9**			
Arithmetic mean (n=4)					0.028		
Geometric mean combined lab and field studies (n=10)				**42.5**			
pH-dependency y/n				n			

[a] Refer to Appendix 1
x: acc. USDA; y: measured in $CaCl_2$
f.f. formation fractions, * derived considering CGA 373466 as the precursor
#: normalised using a Q_{10} of 2.58 and Walker euation coeffient of 0.7
**: Top down fit of the decline curve from maximum observed peak
$: DT_{50} NOA 409480 fixed to top down value then f.f. fitted iteratively.

8.4.2 Soil accumulation testing (KCP 9.1.1.2.2)

<u>Fluopyram</u>
The values of the DT90 in the field were more than one year for fluopyram thus triggering investigations of accumulation in the field. The field accumulation study was performed at two EU sites following annual applications for a four-year period. Draft results are already presented in EFSA Journal 2013; 11(4):3052. However, since for the renewal of authorisations according to Article 43 of Regulation (EC) No 1107/2009 no data on he non-renewed mixing partner should be evaluated, no further information is presented here. The investigations on soil accumulation of FLU will be addressed in the the upcoming re-approval of FLU.

Trifloxystrobin

It has been acknowledged in the EFSA Scientific Report (EFSA Journal 2017;15(10):4989), that field soil accumulation studies are not requested for trifloxystrobin. No additional studies are submitted within this dRR.

8.5 Mobility in soil (KCP 9.1.2)

Studies on mobility in soil with the formulation were not performed, since it is possible to extrapolate from data obtained with the active substance.

8.5.1 Laboratory studies (KCP 9.1.2.1)

8.5.1.1 Fluopyram and its metabolites

The mobility of fluopyram and its metabolites in soil is described adequately by the computation of kinetic degradation data derived from the field and the laboratory in combination with results from adsorption data in batch equilibrium experiments. There is no need for further investigations by column leaching.

Table 8.5-1: Summary of soil adsorption/desorption for fluopyram

Fluopyram							
Soil name	**Soil type**	**OC (%)**	**pH (-)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Axx, D	Sandy loam	1.3	6.6	3.031	233.2	0.765	y/ EFSA Journal 2013;11(4):3052
Hoefchen, Germany	Silt loam	2.6	6.7	6.825	260.5	0.838	y/ EFSA Journal 2013;11(4):3052
Laacher Hof Wurmwiese	Loam	2.1	6.0	4.839	233.7	0.849	y/ EFSA Journal 2013;11(4):3052
Pikeville, NC, USA	Loamy sand	1.1	5.6	2.941	267.3	0.846	y/ EFSA Journal 2013;11(4):3052
Stanley, Stilwell, USA	Clay loam	1.1	7.0	4.396	399.7	0.837	y/ EFSA Journal 2013;11(4):3052
Arithmetic mean (n=5)				4.406	278.9	0.827	
pH-dependency y/n					no		

8.5.1.2 Trifloxystrobin and its metabolites

The soil adsorption/desorption of trifloxystrobin and its metabolites has been evaluated; full details of these studies are provided in the respective EU RAR and related documents and summarised in the EFSA Scientific Report (EFSA Journal 2017;15(10):4989. No additional studies are submitted within this dRR.

Table 8.5-2: Summary of soil adsorption/desorption for trifloxystrobin

Trifloxystrobin							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Borstel	loamy sand	1.0	5.1	23.3	2327	0.94	KCA 7.1.3.1.1/01-02 y/ RAR & EFSA, 2017[a]
Collombey	loamy sand	0.8	7.3	14.7	1837	0.92	
Speyer 2.1	sand	0.3	6.8	11.2	3745	1.00	
Gartenacker	loam	2.0	7.1	42.9	2031	0.94	
Vetroz	silt loam	4.7	7.2	126.1	2683	0.98	
Illarsaz	humic silt loam	19.8	6.7	325.0	1642	0.97	
Geomethric mean (n=6)				43.5	2287		
Arithmetic mean (n=6)						0.96	
pH-dependency y/n				n			

[a] Refer to Appendix 1

[#]: medium of pH measurement not specified in the RAR.

Table 8.5-3: Summary of soil adsorption/desorption for trifloxystrobin metabolite CGA 321113

Trifloxystrobin metabolite CGA 321113							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Borstel	loamy sand	1.0	5.1	1.32	132	0.98	KCA 7.1.3.1.2/01-02 y/ RAR & EFSA, 2017[a]
Collombey	loamy sand	0.8	7.3	0.83	104	1.00	
Speyer 2.1	sand	0.3	6.8	0.58	194	1.11	
Gartenacker	loam	2.0	7.1	2.33	117	0.99	
Vetroz	silt loam	4.7	7.2	3.96	84	0.95	
Illarsaz	humic silt loam	19.8	6.7	16.61	94	0.97	
Geomethric mean (n=6)				2.14	116.19		
Arithmetic mean (n=6)						1.00	
pH-dependency y/n				n			

[a] Refer to Appendix 1

[#]: medium of pH measurement not specified in the RAR.

Table 8.5-4: Summary of soil adsorption/desorption for trifloxystrobin metabolite CGA 357276

Trifloxystrobin metabolite CGA 357276							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Madera	sand loam	0.6	7.0	48.5	8345	0.952	KCA 7.1.3.1.2/09 y/ RAR & EFSA, 2017[a]
Northwood	loam	3.1	6.9	207	6587	0.813	
Louisberg	sandy loam	0.8	6.6	75.1	9228	0.962	
Raleigh	sand	0.8	5.6	79.4	9756	0.847	
Northwood	clay loam	2.4	6.9	169	6934	0.813	
Geomethric mean (n=5)				100	8075		
Arithmetic mean (n=5)						0.877	
pH-dependency y/n				n			

[a] Refer to Appendix 1

[#]: medium of pH measurement not specified in the RAR.

Table 8.5-5: Summary of soil adsorption/desorption for trifloxystrobin metabolite NOA 413161

Trifloxystrobin metabolite NOA 413161							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Borstel	loamy sand	1.0	5.1	0.042	4.2	-	KCA 7.1.3.1.2/04
Laacher Hof Wurmwiese	sandy loam	1.8	5.5	0.116	6.4	0.912	KCA 7.1.3.1.2/07
Laacher Hof AXXa	sandy loam	1.8	6.5	0.066	3.7	0.931	y/
Hoefchen am Hohenseh 4a	silt loam	2.4	6.8	0.049	2.0	0.885	RAR & EFSA, 2017[a]
Dollendorf II	clay loam	4.6	7.1	0.095	2.1	0.890	
Geomethric mean (n=5)				0.068	3.3		
Arithmetic mean (n=4)						0.905	
pH-dependency y/n				n			

[a] Refer to Appendix 1

#: measurement in $CaCl_2$ solution

Table 8.5-6: Summary of soil adsorption/desorption for trifloxystrobin metabolite CGA 357261

Trifloxystrobin metabolite CGA 357261							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Madera	sand loam	0.6	7.0	2.78	479	1.034	KCA 7.1.3.1.2/05-06
Northwood	loam	3.1	6.9	14.9	476	1.005	y/
Louisberg	sandy loam	0.8	6.6	3.17	389	0.962	RAR & EFSA, 2017[a]
Raleigh	sand	0.8	5.6	4.61	567	0.980	
Northwood	clay loam	2.4	6.9	12.8	526	0.990	
Geomethric mean (n=5)				6.00	484		
Arithmetic mean (n=5)						0.994	
pH-dependency y/n				n			

[a] Refer to Appendix 1

#: medium of pH measurement not specified in the RAR.

Table 8.5-7: Summary of soil adsorption/desorption for trifloxystrobin metabolite CGA 373466

Trifloxystrobin metabolite CGA 373466							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Madera	sand loam	0.6	7.0	0.175	30	0.909	KCA 7.1.3.1.2/03
Northwood	loam	3.1	6.9	3.07	98	0.877	y/
Louisberg	sandy loam	0.8	6.6	0.516	63	0.990	RAR & EFSA, 2017[a]
Raleigh	sand	0.8	5.6	1.35	166	0.901	
Northwood	clay loam	2.4	6.9	1.98	81	0.794	
Geomethric mean (n=5)				0.942	75.7		
Arithmetic mean (n=5)						0.894	
pH-dependency y/n				n			

[a] Refer to Appendix 1

[#]: medium of pH measurement not specified in the RAR.

Table 8.5-8: Summary of soil adsorption/desorption for trifloxystrobin metabolite NOA 413163

Trifloxystrobin metabolite NOA 413163							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	1.8	5.6	0.172	9.6	0.887	KCA 7.1.3.1.2/08
Laacher Hof AXXa	sandy loam	1.8	6.4	0.115	6.4	0.920	y/
Hoefchen am Hohenseh 4a	silt loam	2.4	6.7	0.118	4.9	0.949	RAR & EFSA, 2017[a]
Dollendorf II	clay loam	4.6	7.1	0.201	4.4	0.893	
Geometric mean (n=4)				0.147	6.0		
Arithmetic mean (n=4)						0.912	
pH-dependency y/n				n			

[a] Refer to Appendix 1

[#]: measurement in $CaCl_2$ solution

Table 8.5-9: Summary of soil adsorption/desorption for trifloxystrobin metabolite NOA 409480

Trifloxystrobin metabolite NOA 409480							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	1.8	5.5	41.7	2317	0.847	KCA 7.1.3.1.2/10 y/ RAR & EFSA, 2017[a]
Laacher Hof AXXa	sandy loam	1.5	6.2	37.6	2507	0.865	
Hoefchen am Hohenseh 4a	silt loam	1.6	6.5	40.5	2530	0.862	
Dollendorf II	clay loam	4.8	7.1	99.4	2070	0.879	
Geomethric mean (n=4)				50.1	2348		
Arithmetic mean (n=4)						0.863	
pH-dependency y/n				n			

[a] Refer to Appendix 1

#: measurement in $CaCl_2$ solution

Table 8.5-10: Summary of soil adsorption/desorption for trifloxystrobin metabolite CGA 381318

Trifloxystrobin metabolite CGA 381318							
Soil name	**Soil type**	**OC (%)**	**pH (#)**	**Kf (mL/g)**	**Kfoc (mL/g)**	**1/n (-)**	**Evaluated on EU level y/n/ Reference**
Laacher Hof Wurmwiese	sandy loam	1.8	5.1	1.41	78.2	0.866	y/ EFSA, 2017
Laacher Hof AXXa	sandy loam	1.5	5.9	1.13	75.5	0.892	y/ EFSA, 2017
Hoefchen am Hohenseh 4a	silt loam	1.6	6.2	1.21	75.9	0.895	y/ EFSA, 2017
Dollendorf II	clay loam	4.8	7.1	3.68	76.6	0.896	y/ EFSA, 2017
Geomethric mean (n=4)				1.63	76.5		
Arithmetic mean (n=4)						0.887	
pH-dependency y/n				n			

#: measurement in $CaCl_2$ solution

8.5.2 Lysimeter studies (KCP 9.1.2.2)

The mobility of fluopyram and metabolites in soil is assessed adequately by the use kinetic data of degradation derived from the field and the laboratory in combination with soil adsorption data. There is no need for further investigations by a lysimeter study.

Lysimeter studies for trifloxystrobin have been evaluated; full details of these studies are provided in the respective RAR and related documents and summarised in the EFSA conclusion (EFSA Journal 2017;15(10):4989); no additional studies are submitted within this dRR.

8.5.3 Field leaching studies (KCP 9.1.2.3)

Field leaching studies have not been conducted for fluopyram as sufficient information can be derived from the existing studies.

Field leaching studies for trifloxystrobin were not required for EU registration; no additional studies are submitted within this dRR.

8.6 Degradation in the water/sediment systems (KCP 9.2, KCP 9.2.1, KCP 9.2.2, KCP 9.2.3)

Studies on degradation in water/sediment systems with the formulation were not performed, since it is possible to extrapolate from data obtained with the active substance.

8.6.1.1 Fluopyram and its metabolites

Studies on degradation in water/sediment systems with the formulation were not performed, since it is possible to extrapolate from data obtained with the active substance.
The degradation of fluopyram in water/sediment systems has been evaluated, full details of these studies are provided in the respective EU reference and related documents and summarised in the EFSA conclusion (EFSA Journal 11(4):3052 (2013)). No additional studies have been performed.

Table 8.6-1: Summary of degradation in water/sediment of fluopyram

Fluopyram Distribution (max. in water 26.3/ 25.5 % (phenyl/pyridyl ^{14}C]-labelled) after 120 d / max. in sediment 69.9/67.2 % (phenyl/pyridyl ^{14}C]-labelled) after 120 d)										
Water/ sediment system	**pH water/ sed.**	**DegT50 whole syst. (d)**	**DegT90 whole syst. (d)**	**Kinetic, Fit**	**DissT50 water (d)**	**DissT90 water (d)**	**Kinetic, Fit**	**DissT50 sed. (d)**	**Kinetic, Fit**	**Evaluated on EU level y/n/ Reference**
Anglerweiher, Leverkusen, Germany	6.8/5.6	1190[a] 1470[b]	3960 [a] 4900 [b]	SFO	24.8 [a] 26.3 [b]	284 [a] 293 [b]	DFOP	-	-	y/ EFSA Journal 2013; 11(4): 3052
Lawrence, Jefferson County, Kansas, USA	7.3/5.3	1000 [a] 648 [b]	3330 [a] 2150 [b]	SFO	14.4 [a] 17.1 [b]	215 [a] 221 [b]	DFOP	-	-	y/ EFSA Journal 2013; 11(4): 3052
Geometric mean (n=4)		1032	-		20.0	-		-		-

a: [phenyl 14C]-labelled

b: [pyridyl 14C]-labelled

8.6.1.2 Trifloxystrobin and its metabolites

The degradation of trifloxystrobin in water/sediment systems has been evaluated, full details of these studies are provided in the respective EU RAR and related documents and summarised in the EFSA conclusion (EFSA Journal 2017;15(10):4989). No additional studies are submitted within this dRR.

Table 8.6-2: Summary of degradation in water/sediment of trifloxystrobin

Trifloxystrobin Distribution (max. in sediment 36.6 % after 1 day [d]; max. in sediment 42.3 % after 1 day [e]										
Water/sediment system	**pH water/ sed.**	**$DegT_{50}$ whole syst. (d)**	**$DegT_{90}$ whole syst. (d) [c]**	**Kinetic, Fit**	**$DissT_{50}$ water (d)**	**$DissT_{90}$ water (d) [c]**	**Kinetic, Fit**	**$DissT_{50}$ sed. (d)**	**Kinetic, Fit**	**Evaluated on EU level y/n/ Reference**
Swiss river[a]	7.5	2.18	7.25	SFO	0.77	3.23	SFO	3.57	SFO	KCA 7.2.2.3/01-02
Swiss pond[a]	7.3	1.25	8.73	SFO	0.90	3.18	SFO	4.08	SFO	KCA 7.2.2.3/05
Swiss river[b]	7.5	2.63	4.16	SFO	0.57	3.33	SFO	1.45	SFO	y/
Swiss pond[b]	7.3	1.14	3.79	SFO	0.86	3.12	SFO	1.37	SFO	RAR & EFSA, 2017[a]
Geometric mean (n=4)		1.69	5.62		0.76	3.21		2.45		

[a] Refer to Appendix 1

a: [^{14}C-GP] radiolabeled trifloxystrobin used; temp. 20 °C.

b: [^{14}C-TP] radiolabeled trifloxystrobin used; temp. 20 °C.

c: DT_{90} values resulted from trigger evaluation table in the LoEP (page 56) acc. to the resp. listed methods of calculation.

d: acc. to LoEP (page 56).

e: acc. to RAR_10_Volume_3CA_B-8, page 414-415.

Table 8.6-3: Summary of degradation in water/sediment of trifloxystrobin metabolite CGA321113

Trifloxystrobin metabolite CGA321113 Distribution (max. in water 76.9% after 7 days, max in sediment 51.1 % after 21 day) [d]										
Water/sediment system	**pH water/ sed.**	**$DegT_{50}$ whole syst. (d)**	**$DegT_{90}$ whole syst. (d) [c]**	**Kinetic, Fit**	**$DissT_{50}$ water (d)**	**$DissT_{90}$ water (d) [c]**	**Kinetic, Fit**	**$DissT_{50}$ sed. (d)**	**Kinetic, Fit**	**Evaluated on EU level y/n/ Reference**
Swiss river[a]	7.5	423.1	>1000	SFO	285.1	>1000	SFO	570.9	SFO	KCA 7.2.2.3/01-02
Swiss pond[a]	7.3	341.1	>1000	SFO	154.6	>1000	SFO	1000[e]	SFO	KCA 7.2.2.3/05
Swiss river[b]	7.5	362.9	>1000	SFO	319.9	>1000	SFO	441.8	SFO	y/
Swiss pond[b]	7.3	432.7	>1000	SFO	137.1	>1000	SFO	1000[e]	SFO	RAR & EFSA, 2017[a]
Geometric mean (n=4)		388.0	>1000		209.7	>1000		708.7		

[a] Refer to Appendix 1
a: [^{14}C-GP] radiolabeled trifloxystrobin used; temp. 20 °C.
b: [^{14}C-TP] radiolabeled trifloxystrobin used; temp. 20 °C.
c: DT_{90} values resulted from trigger evaluation table in the LoEP (page 56) acc. to the resp. listed methods of calculation.
d: acc. to LoEP (page 57).
e: no clear dissipation occurred, FOCUS default.

Table 8.6-4: Summary of observed metabolites

Mineralisation Water/sediment system[a]	Max. in water/sediment 10.73 % after 204 d (study end, swiss river, [^{14}C-GP label])	y/ EFSA, 2017
NER Water/sediment system[a]	Max. in water/sediment 14.86 % after 214 d (study end, swiss pond, [^{14}C-TP label])	y/ EFSA, 2017
CGA321113 Water/sediment system	Max. in water/sediment 100 % after 1 d	y/ EFSA, 2017
CGA 357262 Water/sediment system[b]	Max. in water/sediment 10.1 % due to phototransformation in water (no major metabolite in water/sediment studies)	y/ EFSA, 2017
CGA 357261 Water/sediment system[c]	Max. in water/sediment 51.5 % due to phototransformation in water (no major metabolite in water/sediment studies)	y/ EFSA, 2017
CGA 357276 Water/sediment system[d]	Max. in water/sediment 10.4 % due to hydrolysis (no major metabolite in water/sediment studies)	y/ EFSA, 2017
CGA 107110 Phototransformation in water	Max. in water 53.8 % due to photolysis (no major metabolite in water / sediment studies). Highly volatile, thus released into the air.	y/ EFSA, 2017

a: acc. to LoEP (page 58).
b: acc. to LoEP (page 119).
c: acc. to LoEP (page 122).
d: acc. to LoEP (page 124).

8.7 Predicted Environmental Concentrations in soil (PEC_{soil}) (KCP 9.1.3)

8.7.1 Justification for new endpoints

Trifloxystrobin

The modelling input parameters for trifloxystrobin and relevant metabolites do not deviate from EU agreed endpoints, they can be found in the List of Endpoints or various parts of the RAR.

Not all input parameters were included under the respective sections for the exposure assessments in Appendix A (list of end points). However, the information can be found in other sections of the List of endpoints or the RAR. Furthermore, discrepancies in the Appendix A were noted for several metabolite input parameters. In the following sections all missing metabolite input parameters are presented including its source. Furthermore, discrepancies are highlighted and corrections according to the results of the EU review are proposed.

PEC soil (Regulation (EU) N° 284/2013, Annex PART A, points 9.1.3 / 9.3.1)

The following table refers to the comment regarding input parameters for modelling starting on page 59 of Appendix A (list of end points). Assessments of the PEC soil are needed for the metabolites listed in Table 8.2-1, however in the RAR a simplified approach was performed and the available information was not considered by the RMS. Green colour below indicates the missing data that can be found in the RAR or other parts of the Appendix A. The source in the Appendix A is presented in the column for comments. Modelling input values for the maximum metabolite occurrence was selected from the available studies (laboratory and field). The data has been partly used for the risk assessment by the RMS but an evaluation was not performed and therefore, the information is lacking in the Appendix A (data gap).

The following order was considered (tier 1 selected below, tier 2 anticipated for refinement):
1. maximum occurrence at laboratory conditions (tier 1)
2. maximum occurrence at field conditions after soil incorporation of Trifloxystrobin (tier 2)
3. maximum occurrence at field conditions in presence of light after soil surface application of Trifloxystrobin (tier 2)

Compound	Input parameter	Comment (source of data)
The part below was adapted from page 59 (PECsoil) of Appendix A:		
Parent	Molecular weight: 408.4 DT_{50} soil (d): 6.7 Kinetics: SFO Field or lab: field	acc. LoEP page 1 acc. worst case LoEP page 37
CGA 321113	Molecular weight (g/mol): 394.4[1] Molecular weight relative to the parent: 0.9657 Maximum occurrence in soil (%): 96.8[2] DT_{50} soil (d): 755.6 Kinetics: SFO Field or lab: lab	RAR (see below) RAR (see below) acc. worst-case LoEP page 33
NOA 413161	Molecular weight (g/mol): 424.3[1] Molecular weight relative to the parent: 1.0389 Maximum occurrence in soil (%): 13.6[2] DT_{50} soil (d): 253.7 Kinetics: SFO Field or lab: lab	RAR (see below) RAR (see below) acc. worst case LoEP page 34
CGA 373466	Molecular weight (g/mol): 394.4[1] Molecular weight relative to the parent: 0.9657 Maximum occurrence in soil (%): 42.5[2] DT_{50} soil (d): 72.3 Kinetics: SFO Field or lab: lab	RAR (see below) RAR (see below) acc. worst case LoEP page 35
NOA 413163	Molecular weight (g/mol): 424.3[1] Molecular weight relative to the parent: 1.0389 Maximum occurrence in soil (%): 6.0[2] DT_{50} soil (d): 76.0 Kinetics: SFO	RAR (see below) RAR (see below) acc. worst case LoEP page 35

	Field or lab: lab	
CGA 381318	Molecular weight (g/mol): 394.4[1] Molecular weight relative to the parent: 0.9657 Maximum occurrence in soil (%): 6.2[2] DT_{50} soil (d): 22.8 Kinetics: SFO Field or lab: lab	RAR (see below) RAR (see below) acc. worst case LoEP page 36
The part below was adapted from page 60 (PECsoil) of Appendix A:		
CGA 357276	Molecular weight (g/mol): 318.3[1] Molecular weight relative to the parent: 0.7794 Maximum occurrence in soil (%): 5.6[2] DT_{50} soil (d): 79.0[3] Kinetics: SFO Field or lab: lab	RAR (see below) RAR (see below) acc. worst case LoEP page 34, back calculated from DT90 for FOMC model (DT90 = 3.32 x DT50) or from slow rate for DFOP or HS model
NOA 409480	Molecular weight (g/mol): 318.3[1] Molecular weight relative to the parent: 0.7794 Maximum occurrence in soil: 9.3[2] DT_{50} (d): 45.3 Kinetics: SFO Field or lab: lab	RAR (see below) RAR (see below) acc. worst case LoEP page 36
The part below was adapted from page 61 (PECsoil) of Appendix A:		
CGA 357261	Molecular weight: 408.4[1] Molecular weight relative to the parent: 1 Maximum occurrence in soil (%): 15.5[2] DT_{50} soil (d): 3.2 Kinetics: SFO Field or lab: field	RAR (see below) RAR (see below) acc. worst case LoEP page 42
[1] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP) [2] table 7.1.2 /03-1 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1 [3] Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Kinetic Evaluation of the Degradation of Trifloxystrobin Metabolite CGA 357276 under Aerobic Soil Conditions in Laboratory According to FOCUS Kinetics Using the KinGUI 2.1 Tool; M-467686-01-1; report KCA 7.1.2.1.2 /30 of RAR Volume 3_B8		

8.7.2 Active substance(s) and relevant metabolite(s)

For the Renewal of Authorisations according to Article 43 of Regulation (EC) No 1107/2009, the following guidance is given in the Document SANCO/2010/13170 for products containing two or more active substances:

- “when the 1st substance is renewed- there is no need to evaluate data related to the 2nd substance”
- “once the 2nd substance is renewed- there is no need to evaluate data related to the 1st substance because this has already been performed in the frame of the re-authorisation of the PPP following the renewal of the 1st active substance”
- “Where necessary a combitox assessment should be performed.”

In consequence, PEC soil values for Fluopyram are not needed as this would be out of scope of SANCO/2010/13170.

PEC_{soil} reports provided by the applicant are listed in Appendix 3.1.

Table 8.7-1: Input parameters related to application for PEC_{soil} calculations (uses in *Italic* are for $F_{(G)}$)

GAP Crops/ Use No	1, 3, 4, 6-10, 12-17, 19 ~~20~~, 61, 62, 122, 123, 143, , 145-147, *148*, 149, 151, 157, 160, 161, 164, 169, 171-174, 184-188, 214, 215, 604, *60*, *142*, *144, 150*, *152*, *154*, *158, 159*, *162, 163,607*
Crop	Beans (field & vegetable) (covering: asparagus, ~~baby leaf crops~~, beans, cress, flower tubers, lambs lettuce, nurseries, ornamentals (plants), Paeony, sea lavender)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 200
Number of applications / interval (d)	2 / 10
Crop interception (%)	2×40
Depth of soil layer (relevant for plateau concentration) (cm)	20 cm (tillage)

GAP Crops/ Use No	117-121	47, 48
Crop	Onions (covering: flower bulbs)	Sugarbeets (covering: celeriac)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 75	Fluopyram: - Trifloxystrobin: 125
Number of applications / interval	5 / 7	2 / 14
Crop interception (%)	5×10	2×70
Depth of soil layer (relevant for plateau concentration) (cm)	20 cm (tillage)	20 cm (tillage)

GAP Crops/ Use No	52, 107, 108, 110 *109, 111*	49, 51, 112, 113, 115, 116, 143, 145-147, 149, 151, 159, 161, 164, 189, 206, 208, 209 *50, 142, 144, 148, 150, 152, 154, 158,159, 162, 163,190, 205, 207, 607*
Crop	Apples (covering: chokeberry, elderberry)	Cabbage (covering: chicory, endive, lettuce, lamb's lettuce, radicchio, rocket salad)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200
Number of applications / interval	2 / 7	2 / 7
Crop interception (%)	2×60	2×25
Depth of soil layer (relevant for plateau concentration) (cm)	5 cm (no tillage)	20 cm (tillage)

Use No.	226, 227, 232, 236-239 *228, 230*	21, 24, 27, 29, 30, 32, 35, 38, 40, 44, 53, 56, 58, 63, 66, 71, 75, 79, 82, 84, 88, 92, 95, 97, 101, 105, 106,

		125, 128, 131, 133, 136, 138, 139, 141, 167, 168, 191194, 197, 199, 203, , 210, 212, 605, 606, 608 *22,, 23,25, 26, 28, 31, 33, 34, 36, 37, 39, 41, 45, 54, 55, 57, 59, 64, 65, 67, 68, 70, 72, 76-78, 80, 81, 83, 85, 89, 90, 91, 93, 94, 96, 98, 102, 126, 127, 129, 130, 132, 135, 137, 165, 166, 192, 193, 195, 196, 198, 200, 204, 211, 213, 609*
Crop	Strawberries	Vines (covering: blackberry, blueberry, cranberry, currant, dewberries, gooseberry, hop, mulberry, raspberry, rosehip, grape)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200
Number of applications / interval	2 / 7	2 / 7
Crop interception (%)	2×60	2×60
Depth of soil layer (relevant for plateau concentration) (cm)	20 cm (tillage)	5 cm (no tillage)

8.7.2.1 Fluopyram and metabolites

For the Renewal of Authorisations according to Article 43 of Regulation (EC) No 1107/2009, the following guidance is given in the Document SANCO/2010/13170 for products containing two or more active substances:

- "when the 1st substance is renewed- there is no need to evaluate data related to the 2nd substance"
- "once the 2nd substance is renewed- there is no need to evaluate data related to the 1st substance because this has already been performed in the frame of the re-authorisation of the PPP following the renewal of the 1st active substance"
- "Where necessary a combitox assessment should be performed."

In consequence, PEC soil values for Fluopyram are not needed as this would be out of scope of SANCO/2010/13170.

8.7.2.2 Trifloxystrobin and metabolites

Table 8.7-2: Input parameter for trifloxystrobin and relevant metabolites for PEC_{soil} calculation

Compound	Molecular weight (g/mol)	Max. occurrence (%)	DT50 (days)	Value in accordance to EU endpoint y/n/ Reference
Trifloxystrobin	408.4	100	6.7 d (SFO, Maximum, field studies)	y/ EFSA, 2017 DT_{50} from LoEP page 37

Compound	**Molecular weight (g/mol)**	**Max. occurrence (%)**	**DT50 (days)**	**Value in accordance to EU endpoint y/n/ Reference**
CGA 321113	394.4 [1]	96.8 [2]	755.6 d (SFO, Maximum, laboratory study)	y/ EFSA, 2017 DT_{50} from LoEP page 33
NOA 413161	424.3 [1]	13.6 [2]	253.7 d (SFO, Maximum, laboratory study)	y/ EFSA, 2017 or RAR Volume 3_B8 DT_{50} from LoEP page 34
CGA 357276	318.3 [1]	5.6 [2]	79.0 d [3] (SFO, Maximum, back-calculated DT50 of bi-phasic fits, laboratory study)	y/ EFSA, 2017 or RAR Volume 3_B8 DT_{50} from report KCA 7.1.2.1.2 /30 of RAR Volume 3_B8
CGA 357261 (TFS ZE-isomer)	408.4 [1]	15.5 [2]	3.2 d (SFO metabolite fit, Maximum, field studies)	y/ EFSA, 2017 or RAR Volume 3_B8 DT_{50} from LoEP page 42
CGA 373466	394.4 [1]	42.5 [2]	72.3 d (SFO metabolite fit, Maximum, laboratory study)	y/ EFSA, 2017 or RAR Volume 3_B8 DT_{50} from LoEP page 35
NOA 413163	424.3 [1]	6.0 [2]	76 d (SFO, Maximum, laboratory study)	y/ EFSA, 2017 or RAR Volume 3_B8 DT_{50} from LoEP page 35
NOA 409480	318.3 [1]	9.3 [2]	45.3 d (SFO, Maximum, laboratory study)	y/ EFSA, 2017 or RAR Volume 3_B8 DT_{50} from LoEP page 36
CGA 381318	394.4 [1]	6.2 [2]	22.8 d (SFO, Maximum, laboratory study)	y/ EFSA, 2017 or RAR Volume 3_B8 DT_{50} from LoEP page 36

[1] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP)

[2] table 7.1.2 /03-1 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M- 469501-01-1

[3] report KCA 7.1.2.1.2 /30 of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Kinetic Evaluation of the Degradation of Trifloxystrobin Metabolite CGA 357276 under Aerobic Soil Conditions in Laboratory According to FOCUS Kinetics Using the KinGUI 2.1 Tool; M-467686-01-1 (bi-phasic parameter not summarised in the RAR)

Table 8.7-3: PEC$_{soil}$ for trifloxystrobin on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC$_{soil}$ (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.160	-	0.217	-
Short term	24h	0.144	0.152	0.196	0.206
	2d	0.130	0.145	0.176	0.196
	4d	0.106	0.131	0.143	0.178
Long term	7d	0.078	0.114	0.105	0.154
	14d	0.038	0.085	0.051	0.115
	21d	0.018	0.065	0.025	0.088
	28d	0.009	0.052	0.012	0.071
	42d	0.002	0.036	0.003	0.049
	50d	<0.001	0.031	0.001	0.042
	100 d	<0.001	0.015	<0.001	0.021
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
PEC$_{accumulation}$ (PEC$_{act}$ +PEC$_{soil\ plateau}$)		0.160		0.217	

Table 8.7-4: PEC_{soil} for CGA 321113 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.150	-	0.298	-
Short term	24h	0.149	0.149	0.297	0.298
	2d	0.149	0.149	0.297	0.297
	4d	0.149	0.149	0.297	0.297
Long term	7d	0.149	0.149	0.296	0.297
	14d	0.148	0.149	0.294	0.296
	21d	0.147	0.148	0.292	0.295
	28d	0.146	0.148	0.290	0.294
	42d	0.144	0.147	0.287	0.292
	50d	0.143	0.146	0.284	0.291
	100 d	0.136	0.143	0.272	0.285
Plateau concentration (20 cm) after year 7		0.094	-	0.187	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.244		0.485	

Table 8.7-5: PEC_{soil} for NOA 413161 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.023	-	0.045	-
Short term	24h	0.023	0.023	0.044	0.045
	2d	0.022	0.023	0.044	0.044
	4d	0.022	0.022	0.044	0.044
Long term	7d	0.022	0.022	0.044	0.044
	14d	0.022	0.022	0.043	0.044
	21d	0.021	0.022	0.042	0.043
	28d	0.021	0.022	0.041	0.043
	42d	0.020	0.021	0.040	0.042
	50d	0.020	0.021	0.039	0.042
	100 d	0.017	0.020	0.034	0.039
Plateau concentration (20 cm)		0.003	-	0.007	-

after year 3					
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.026		0.051	

Table 8.7-6: PEC_{soil} for CGA 357276 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.007	-	0.013	-
Short term	24h	0.007	0.007	0.013	0.013
	2d	0.007	0.007	0.013	0.013
	4d	0.007	0.007	0.013	0.013
Long term	7d	0.007	0.007	0.013	0.013
	14d	0.006	0.007	0.012	0.013
	21d	0.006	0.006	0.011	0.012
	28d	0.005	0.006	0.010	0.012
	42d	0.005	0.006	0.009	0.011
	50d	0.005	0.006	0.009	0.011
	100 d	0.003	0.005	0.006	0.009
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.007		0.014	

Table 8.7-7: PEC_{soil} for CGA 357261 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.025	-	0.028	-
Short term	24h	0.020	0.022	0.022	0.025
	2d	0.016	0.020	0.018	0.022
	4d	0.010	0.017	0.012	0.018
Long term	7d	0.005	0.013	0.006	0.014
	14d	0.001	0.008	0.001	0.009
	21d	<0.001	0.005	<0.001	0.006
	28d	<0.001	0.004	<0.001	0.005
	42d	<0.001	0.003	<0.001	0.003

	50d	<0.001	0.002	<0.001	0.003
	100 d	<0.001	0.001	<0.001	0.001
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.025		0.028	

Table 8.7-8: PEC_{soil} for CGA 373466 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.066	-	0.125	-
Short term	24h	0.065	0.065	0.124	0.125
	2d	0.064	0.065	0.123	0.124
	4d	0.063	0.064	0.121	0.123
Long term	7d	0.061	0.064	0.117	0.121
	14d	0.057	0.061	0.110	0.117
	21d	0.054	0.059	0.102	0.114
	28d	0.050	0.058	0.096	0.110
	42d	0.044	0.054	0.084	0.103
	50d	0.041	0.052	0.078	0.100
	100 d	0.025	0.042	0.048	0.081
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.066		0.126	

Table 8.7-9: PEC_{soil} for NOA 413163 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.010	-	0.019	-
Short term	24h	0.010	0.010	0.019	0.019
	2d	0.010	0.010	0.019	0.019
	4d	0.010	0.010	0.018	0.019
Long term	7d	0.009	0.010	0.018	0.018
	14d	0.009	0.009	0.017	0.018

	21d	0.008	0.009	0.016	0.017
	28d	0.008	0.009	0.015	0.017
	42d	0.007	0.008	0.013	0.016
	50d	0.006	0.008	0.012	0.015
	100 d	0.004	0.007	0.008	0.013
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.010		0.019	

Table 8.7-10: PEC_{soil} for NOA 409480 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.012	-	0.022	-
Short term	24h	0.011	0.012	0.021	0.021
	2d	0.011	0.011	0.021	0.021
	4d	0.011	0.011	0.020	0.021
Long term	7d	0.010	0.011	0.019	0.020
	14d	0.009	0.010	0.017	0.019
	21d	0.008	0.010	0.016	0.018
	28d	0.008	0.009	0.014	0.018
	42d	0.006	0.009	0.011	0.016
	50d	0.005	0.008	0.010	0.015
	100 d	0.003	0.006	0.005	0.011
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.012		0.022	

Table 8.7-11: PEC_{soil} for CGA 381318 on beans field, 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

PEC_{soil} (mg/kg)		Beans field			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.010	-	0.017	-
Short term	24h	0.009	0.009	0.016	0.016
	2d	0.009	0.009	0.016	0.016

	4d	0.008	0.009	0.015	0.016
Long term	7d	0.008	0.009	0.013	0.015
	14d	0.006	0.008	0.011	0.014
	21d	0.005	0.007	0.009	0.012
	28d	0.004	0.006	0.007	0.011
	42d	0.003	0.005	0.005	0.009
	50d	0.002	0.005	0.004	0.009
	100 d	<0.001	0.003	<0.001	0.005
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.010		0.017	

Table 8.7-12: PEC_{soil} for trifloxystrobin on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.090	-	0.170	-
Short term	24h	0.081	0.086	0.153	0.161
	2d	0.073	0.081	0.138	0.154
	4d	0.060	0.074	0.112	0.139
Long term	7d	0.044	0.064	0.082	0.121
	14d	0.021	0.048	0.040	0.090
	21d	0.010	0.037	0.019	0.069
	28d	0.005	0.029	0.009	0.055
	42d	0.001	0.020	0.002	0.039
	50d	<0.001	0.017	<0.001	0.033
	100 d	<0.001	0.009	<0.001	0.016
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.090		0.170	

Table 8.7-13: PEC_{soil} for CGA 321113 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC_{soil} (mg/kg)	Onions			
	Single application		Multiple applications	
	Actual	TWA	Actual	TWA

Initial		0.084	-	0.415	-
Short term	24h	0.084	0.084	0.415	0.415
	2d	0.084	0.084	0.415	0.415
	4d	0.084	0.084	0.414	0.415
Long term	7d	0.084	0.084	0.413	0.414
	14d	0.083	0.084	0.410	0.413
	21d	0.083	0.083	0.407	0.411
	28d	0.082	0.083	0.405	0.410
	42d	0.081	0.083	0.400	0.407
	50d	0.080	0.082	0.397	0.406
	100 d	0.077	0.080	0.379	0.397
Plateau concentration (20 cm) after year 7		0.053	-	0.261	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.137		0.676	

Table 8.7-14: PEC_{soil} for NOA 413161 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.013	-	0.061	-
Short term	24h	0.013	0.013	0.061	0.061
	2d	0.013	0.013	0.061	0.061
	4d	0.013	0.013	0.061	0.061
Long term	7d	0.012	0.013	0.060	0.061
	14d	0.012	0.012	0.059	0.060
	21d	0.012	0.012	0.058	0.059
	28d	0.012	0.012	0.057	0.059
	42d	0.011	0.012	0.055	0.058
	50d	0.011	0.012	0.053	0.057
	100 d	0.010	0.011	0.047	0.054
Plateau concentration (20 cm) after year 3		0.002	-	0.009	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.015		0.070	

Table 8.7-15: PEC$_{soil}$ for CGA 357276 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC$_{soil}$ (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.004	-	0.017	-
Short term	24h	0.004	0.004	0.017	0.017
	2d	0.004	0.004	0.017	0.017
	4d	0.004	0.004	0.017	0.017
Long term	7d	0.004	0.004	0.016	0.017
	14d	0.003	0.004	0.015	0.016
	21d	0.003	0.004	0.015	0.016
	28d	0.003	0.003	0.014	0.015
	42d	0.003	0.003	0.012	0.015
	50d	0.003	0.003	0.011	0.014
	100 d	0.002	0.003	0.007	0.012
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
PEC$_{accumulation}$ (PEC$_{act}$ +PEC$_{soil\ plateau}$)		0.004		0.018	

Table 8.7-16: PEC$_{soil}$ for CGA 357261 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC$_{soil}$ (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.014	-	0.018	-
Short term	24h	0.011	0.013	0.014	0.016
	2d	0.009	0.011	0.012	0.014
	4d	0.006	0.009	0.008	0.012
Long term	7d	0.003	0.007	0.004	0.009
	14d	<0.001	0.004	<0.001	0.006
	21d	<0.001	0.003	<0.001	0.004
	28d	<0.001	0.002	<0.001	0.003
	42d	<0.001	0.002	<0.001	0.002
	50d	<0.001	0.001	<0.001	0.002
	100 d	<0.001	< 0.001	<0.001	< 0.001
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-

$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)	0.014		0.018	

Table 8.7-17: PEC_{soil} for CGA 373466 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.037	-	0.162	-
Short term	24h	0.037	0.037	0.161	0.161
	2d	0.036	0.037	0.159	0.161
	4d	0.036	0.036	0.156	0.159
Long term	7d	0.035	0.036	0.152	0.157
	14d	0.032	0.035	0.142	0.152
	21d	0.030	0.033	0.133	0.147
	28d	0.028	0.032	0.124	0.142
	42d	0.025	0.030	0.108	0.134
	50d	0.023	0.029	0.100	0.129
	100 d	0.014	0.024	0.062	0.104
Plateau concentration (20 cm) after year 1		<0.001	-	0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.037		0.163	

Table 8.7-18: PEC_{soil} for NOA 413163 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.006	-	0.025	-
Short term	24h	0.006	0.006	0.025	0.025
	2d	0.006	0.006	0.024	0.025
	4d	0.005	0.006	0.024	0.024
Long term	7d	0.005	0.005	0.023	0.024
	14d	0.005	0.005	0.022	0.023
	21d	0.005	0.005	0.020	0.023
	28d	0.004	0.005	0.019	0.022
	42d	0.004	0.005	0.017	0.021
	50d	0.004	0.005	0.016	0.020

	100 d	0.002	0.004	0.010	0.016
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.006		0.025	

Table 8.7-19: PEC_{soil} for NOA 409480 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.007	-	0.027	-
Short term	24h	0.006	0.006	0.026	0.026
	2d	0.006	0.006	0.026	0.026
	4d	0.006	0.006	0.025	0.026
Long term	7d	0.006	0.006	0.024	0.025
	14d	0.005	0.006	0.021	0.024
	21d	0.005	0.006	0.019	0.023
	28d	0.004	0.005	0.017	0.022
	42d	0.003	0.005	0.014	0.020
	50d	0.003	0.005	0.012	0.019
	100 d	0.001	0.003	0.006	0.014
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.007		0.027	

Table 8.7-20: PEC_{soil} for CGA 381318 on Onions, 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Onions			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.005	-	0.018	-
Short term	24h	0.005	0.005	0.018	0.018
	2d	0.005	0.005	0.017	0.018
	4d	0.005	0.005	0.016	0.017
Long term	7d	0.004	0.005	0.015	0.017
	14d	0.004	0.004	0.012	0.015
	21d	0.003	0.004	0.010	0.014

	28d	0.002	0.004	0.008	0.012
	42d	0.002	0.003	0.005	0.010
	50d	0.001	0.003	0.004	0.009
	100 d	<0.001	0.002	<0.001	0.006
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.005		0.018	

Table 8.7-21: PEC_{soil} for trifloxystrobin on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)		Sugarbeets			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.050	-	0.062	-
Short term	24h	0.045	0.048	0.056	0.059
	2d	0.041	0.045	0.050	0.056
	4d	0.033	0.041	0.041	0.051
Long term	7d	0.024	0.036	0.030	0.044
	14d	0.012	0.026	0.015	0.033
	21d	0.006	0.020	0.007	0.025
	28d	0.003	0.016	0.003	0.020
	42d	<0.001	0.011	<0.001	0.014
	50d	<0.001	0.010	<0.001	0.012
	100 d	<0.001	0.005	<0.001	0.006
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.050		0.062	

Table 8.7-22: PEC_{soil} for CGA 321113 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)		Sugarbeets			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.047	-	0.093	-
Short term	24h	0.047	0.047	0.093	0.093
	2d	0.047	0.047	0.093	0.093
	4d	0.047	0.047	0.093	0.093

Long term	7d	0.046	0.047	0.092	0.093
	14d	0.046	0.046	0.092	0.092
	21d	0.046	0.046	0.091	0.092
	28d	0.046	0.046	0.091	0.092
	42d	0.045	0.046	0.089	0.091
	50d	0.045	0.046	0.089	0.091
	100 d	0.043	0.045	0.085	0.089
Plateau concentration (20 cm) after year 7		0.029	-	0.058	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.076		0.151	

Table 8.7-23: PEC_{soil} for NOA 413161 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)		Sugarbeets			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.007	-	0.014	-
Short term	24h	0.007	0.007	0.014	0.014
	2d	0.007	0.007	0.014	0.014
	4d	0.007	0.007	0.014	0.014
Long term	7d	0.007	0.007	0.014	0.014
	14d	0.007	0.007	0.013	0.014
	21d	0.007	0.007	0.013	0.013
	28d	0.007	0.007	0.013	0.013
	42d	0.006	0.007	0.012	0.013
	50d	0.006	0.007	0.012	0.013
	100 d	0.005	0.006	0.011	0.012
Plateau concentration (20 cm) after year 3		0.001	-	0.002	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.008		0.016	

Table 8.7-24: PEC_{soil} for CGA 357276 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)	Sugarbeets			
	Single application		Multiple applications	
	Actual	TWA	Actual	TWA
Initial	0.002	-	0.004	-

Short term	24h	0.002	0.002	0.004	0.004
	2d	0.002	0.002	0.004	0.004
	4d	0.002	0.002	0.004	0.004
Long term	7d	0.002	0.002	0.004	0.004
	14d	0.002	0.002	0.004	0.004
	21d	0.002	0.002	0.003	0.004
	28d	0.002	0.002	0.003	0.004
	42d	0.002	0.002	0.003	0.003
	50d	0.001	0.002	0.003	0.003
	100 d	<0.001	0.001	0.002	0.003
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.002		0.004	

Table 8.7-25: PEC_{soil} for CGA 357261 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)		Sugarbeets			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.008	-	0.008	-
Short term	24h	0.006	0.007	0.007	0.007
	2d	0.005	0.006	0.005	0.007
	4d	0.003	0.005	0.003	0.005
Long term	7d	0.002	0.004	0.002	0.004
	14d	<0.001	0.002	<0.001	0.003
	21d	<0.001	0.002	<0.001	0.002
	28d	<0.001	0.001	<0.001	0.001
	42d	<0.001	< 0.001	<0.001	< 0.001
	50d	<0.001	< 0.001	<0.001	< 0.001
	100 d	<0.001	< 0.001	<0.001	< 0.001
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.008		0.008	

Table 8.7-26: PEC_{soil} for CGA 373466 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil}	Sugarbeets

(mg/kg)		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.021	-	0.038	-
Short term	24h	0.020	0.020	0.038	0.038
	2d	0.020	0.020	0.038	0.038
	4d	0.020	0.020	0.037	0.038
Long term	7d	0.019	0.020	0.036	0.037
	14d	0.018	0.019	0.034	0.036
	21d	0.017	0.019	0.031	0.035
	28d	0.016	0.018	0.029	0.034
	42d	0.014	0.017	0.026	0.032
	50d	0.013	0.016	0.024	0.031
	100 d	0.008	0.013	0.015	0.025
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.021		0.039	

Table 8.7-27: PEC_{soil} for NOA 413163 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)		Sugarbeets			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.003	-	0.006	-
Short term	24h	0.003	0.003	0.006	0.006
	2d	0.003	0.003	0.006	0.006
	4d	0.003	0.003	0.006	0.006
Long term	7d	0.003	0.003	0.005	0.006
	14d	0.003	0.003	0.005	0.006
	21d	0.003	0.003	0.005	0.005
	28d	0.002	0.003	0.005	0.005
	42d	0.002	0.003	0.004	0.005
	50d	0.002	0.003	0.004	0.005
	100 d	0.001	0.002	0.002	0.004
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.003		0.006	

Table 8.7-28: PEC_{soil} for NOA 409480 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)		Sugarbeets			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.004	-	0.007	-
Short term	24h	0.004	0.004	0.006	0.006
	2d	0.004	0.004	0.006	0.006
	4d	0.003	0.004	0.006	0.006
Long term	7d	0.003	0.003	0.006	0.006
	14d	0.003	0.003	0.005	0.006
	21d	0.003	0.003	0.005	0.006
	28d	0.002	0.003	0.004	0.005
	42d	0.002	0.003	0.003	0.005
	50d	0.002	0.003	0.003	0.005
	100 d	<0.001	0.002	0.001	0.003
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.004		0.007	

Table 8.7-29: PEC_{soil} for CGA 381318 on Sugarbeets, 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

PEC_{soil} (mg/kg)		Sugarbeets			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.003	-	0.005	-
Short term	24h	0.003	0.003	0.005	0.005
	2d	0.003	0.003	0.005	0.005
	4d	0.003	0.003	0.004	0.005
Long term	7d	0.002	0.003	0.004	0.004
	14d	0.002	0.002	0.003	0.004
	21d	0.002	0.002	0.003	0.004
	28d	0.001	0.002	0.002	0.003
	42d	<0.001	0.002	0.001	0.003
	50d	<0.001	0.002	0.001	0.003
	100 d	<0.001	< 0.001	<0.001	0.002
Plateau concentration (20 cm)		<0.001	-	<0.001	-

after year 0				
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)	0.003		0.005	

Table 8.7-30: PEC_{soil} for trifloxystrobin on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.107	-	0.158	-
Short term	24h	0.096	0.101	0.143	0.150
	2d	0.087	0.096	0.129	0.143
	4d	0.071	0.087	0.105	0.130
Long term	7d	0.052	0.076	0.077	0.113
	14d	0.025	0.056	0.037	0.084
	21d	0.012	0.044	0.018	0.065
	28d	0.006	0.035	0.009	0.052
	42d	0.001	0.024	0.002	0.036
	50d	<0.001	0.021	<0.001	0.030
	100 d	<0.001	0.010	<0.001	0.015
Plateau concentration (5 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.107		0.158	

Table 8.7-31: PEC_{soil} for CGA 321113 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.100	-	0.199	-
Short term	24h	0.100	0.100	0.199	0.199
	2d	0.100	0.100	0.198	0.199
	4d	0.099	0.100	0.198	0.198
Long term	7d	0.099	0.099	0.198	0.198
	14d	0.098	0.099	0.196	0.198
	21d	0.098	0.099	0.195	0.197
	28d	0.097	0.098	0.194	0.196
	42d	0.096	0.098	0.191	0.195

	50d	0.095	0.097	0.190	0.194
	100 d	0.091	0.095	0.181	0.190
Plateau concentration (5 cm) after year 7		0.251	-	0.500	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.350		0.699	

Table 8.7-32: PEC_{soil} for NOA 413161 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.015	-	0.030	-
Short term	24h	0.015	0.015	0.030	0.030
	2d	0.015	0.015	0.030	0.030
	4d	0.015	0.015	0.030	0.030
Long term	7d	0.015	0.015	0.029	0.030
	14d	0.015	0.015	0.029	0.029
	21d	0.014	0.015	0.028	0.029
	28d	0.014	0.015	0.028	0.029
	42d	0.013	0.014	0.027	0.028
	50d	0.013	0.014	0.026	0.028
	100 d	0.011	0.013	0.023	0.026
Plateau concentration (5 cm) after year 3		0.009	-	0.017	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.024		0.047	

Table 8.7-33: PEC_{soil} for CGA 357276 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.005	-	0.009	-
Short term	24h	0.005	0.005	0.009	0.009
	2d	0.005	0.005	0.009	0.009
	4d	0.004	0.005	0.009	0.009
Long term	7d	0.004	0.005	0.008	0.009
	14d	0.004	0.004	0.008	0.009

	21d	0.004	0.004	0.008	0.008
	28d	0.004	0.004	0.007	0.008
	42d	0.003	0.004	0.006	0.008
	50d	0.003	0.004	0.006	0.007
	100 d	0.002	0.003	0.004	0.006
Plateau concentration (5 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.005		0.009	

Table 8.7-34: PEC_{soil} for CGA 357261 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.017	-	0.020	-
Short term	24h	0.013	0.015	0.016	0.018
	2d	0.011	0.013	0.013	0.016
	4d	0.007	0.011	0.008	0.013
Long term	7d	0.004	0.009	0.004	0.010
	14d	<0.001	0.005	<0.001	0.006
	21d	<0.001	0.004	<0.001	0.004
	28d	<0.001	0.003	<0.001	0.003
	42d	<0.001	0.002	<0.001	0.002
	50d	<0.001	0.002	<0.001	0.002
	100 d	<0.001	< 0.001	<0.001	< 0.001
Plateau concentration (5 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.017		0.020	

Table 8.7-35: PEC_{soil} for CGA 373466 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.044	-	0.085	-
Short term	24h	0.043	0.044	0.084	0.084
	2d	0.043	0.043	0.083	0.084

	4d	0.042	0.043	0.082	0.083
Long term	7d	0.041	0.042	0.079	0.082
	14d	0.038	0.041	0.074	0.079
	21d	0.036	0.040	0.069	0.077
	28d	0.033	0.038	0.065	0.074
	42d	0.029	0.036	0.057	0.070
	50d	0.027	0.035	0.052	0.067
	100 d	0.017	0.028	0.032	0.054
Plateau concentration (5 cm) after year 1		0.001	-	0.003	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.045		0.087	

Table 8.7-36: PEC_{soil} for NOA 413163 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.007	-	0.013	-
Short term	24h	0.007	0.007	0.013	0.013
	2d	0.007	0.007	0.013	0.013
	4d	0.006	0.007	0.012	0.013
Long term	7d	0.006	0.006	0.012	0.012
	14d	0.006	0.006	0.011	0.012
	21d	0.005	0.006	0.011	0.012
	28d	0.005	0.006	0.010	0.011
	42d	0.005	0.006	0.009	0.011
	50d	0.004	0.005	0.008	0.010
	100 d	0.003	0.004	0.005	0.008
Plateau concentration (5 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.007		0.013	

Table 8.7-37: PEC_{soil} for NOA 409480 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)	Apples			
	Single application		Multiple applications	
	Actual	TWA	Actual	TWA

Initial		0.008	-	0.015	-
Short term	24h	0.008	0.008	0.014	0.015
	2d	0.007	0.008	0.014	0.014
	4d	0.007	0.007	0.014	0.014
Long term	7d	0.007	0.007	0.013	0.014
	14d	0.006	0.007	0.012	0.013
	21d	0.006	0.007	0.011	0.013
	28d	0.005	0.006	0.010	0.012
	42d	0.004	0.006	0.008	0.011
	50d	0.004	0.005	0.007	0.010
	100 d	0.002	0.004	0.003	0.008
Plateau concentration (5 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.008		0.015	

Table 8.7-38: PEC_{soil} for CGA 381318 on Apples, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Apples			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.006	-	0.012	-
Short term	24h	0.006	0.006	0.011	0.011
	2d	0.006	0.006	0.011	0.011
	4d	0.006	0.006	0.010	0.011
Long term	7d	0.005	0.006	0.009	0.010
	14d	0.004	0.005	0.008	0.009
	21d	0.003	0.005	0.006	0.009
	28d	0.003	0.004	0.005	0.008
	42d	0.002	0.004	0.003	0.007
	50d	0.001	0.003	0.003	0.006
	100 d	<0.001	0.002	<0.001	0.004
Plateau concentration (5 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.006		0.012	

Table 8.7-39: PEC_{soil} for trifloxystrobin on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.200	-	0.297	-
Short term	24h	0.180	0.190	0.268	0.282
	2d	0.163	0.181	0.241	0.268
	4d	0.132	0.164	0.196	0.243
Long term	7d	0.097	0.142	0.144	0.211
	14d	0.047	0.106	0.070	0.157
	21d	0.023	0.082	0.034	0.121
	28d	0.011	0.065	0.016	0.097
	42d	0.003	0.045	0.004	0.067
	50d	0.001	0.038	0.002	0.057
	100 d	<0.001	0.019	<0.001	0.029
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.200		0.297	

Table 8.7-40: PEC_{soil} for CGA 321113 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.187	-	0.373	-
Short term	24h	0.187	0.187	0.372	0.373
	2d	0.187	0.187	0.372	0.372
	4d	0.186	0.187	0.371	0.372
Long term	7d	0.186	0.186	0.370	0.372
	14d	0.185	0.186	0.368	0.370
	21d	0.183	0.185	0.366	0.369
	28d	0.182	0.185	0.363	0.368
	42d	0.180	0.183	0.359	0.366
	50d	0.179	0.183	0.356	0.364
	100 d	0.171	0.179	0.340	0.356
Plateau concentration (20 cm) after year 7		0.118	-	0.234	-

$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.304		0.607	

Table 8.7-41: PEC_{soil} for NOA 413161 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.028	-	0.056	-
Short term	24h	0.028	0.028	0.056	0.056
	2d	0.028	0.028	0.056	0.056
	4d	0.028	0.028	0.055	0.056
Long term	7d	0.028	0.028	0.055	0.055
	14d	0.027	0.028	0.054	0.055
	21d	0.027	0.027	0.053	0.054
	28d	0.026	0.027	0.052	0.054
	42d	0.025	0.027	0.050	0.053
	50d	0.025	0.026	0.049	0.052
	100 d	0.022	0.025	0.043	0.049
Plateau concentration (20 cm) after year 3		0.004	-	0.008	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.032		0.064	

Table 8.7-42: PEC_{soil} for CGA 357276 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.009	-	0.017	-
Short term	24h	0.009	0.009	0.017	0.017
	2d	0.009	0.009	0.017	0.017
	4d	0.008	0.009	0.016	0.017
Long term	7d	0.008	0.008	0.016	0.016
	14d	0.008	0.008	0.015	0.016
	21d	0.007	0.008	0.014	0.015
	28d	0.007	0.008	0.013	0.015
	42d	0.006	0.007	0.012	0.014
	50d	0.006	0.007	0.011	0.014

	100 d	0.004	0.006	0.007	0.011
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.009		0.017	

Table 8.7-43: PEC_{soil} for CGA 357261 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.031	-	0.038	-
Short term	24h	0.025	0.028	0.030	0.034
	2d	0.020	0.025	0.025	0.031
	4d	0.013	0.021	0.016	0.025
Long term	7d	0.007	0.016	0.008	0.019
	14d	0.001	0.010	0.002	0.012
	21d	<0.001	0.007	<0.001	0.008
	28d	<0.001	0.005	<0.001	0.006
	42d	<0.001	0.003	<0.001	0.004
	50d	<0.001	0.003	<0.001	0.003
	100 d	<0.001	0.001	<0.001	0.002
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.031		0.038	

Table 8.7-44: PEC_{soil} for CGA 373466 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.082	-	0.159	-
Short term	24h	0.081	0.082	0.157	0.158
	2d	0.081	0.081	0.156	0.157
	4d	0.079	0.081	0.153	0.156
Long term	7d	0.077	0.079	0.149	0.154
	14d	0.072	0.077	0.139	0.149
	21d	0.067	0.074	0.130	0.144

	28d	0.063	0.072	0.121	0.139
	42d	0.055	0.068	0.106	0.131
	50d	0.051	0.065	0.098	0.126
	100 d	0.031	0.053	0.061	0.102
Plateau concentration (20 cm) after year 1		<0.001	-	0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.083		0.160	

Table 8.7-45: PEC_{soil} for NOA 413163 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.012	-	0.024	-
Short term	24h	0.012	0.012	0.024	0.024
	2d	0.012	0.012	0.024	0.024
	4d	0.012	0.012	0.023	0.024
Long term	7d	0.012	0.012	0.023	0.023
	14d	0.011	0.012	0.021	0.023
	21d	0.010	0.011	0.020	0.022
	28d	0.010	0.011	0.019	0.021
	42d	0.008	0.010	0.016	0.020
	50d	0.008	0.010	0.015	0.019
	100 d	0.005	0.008	0.010	0.016
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.013		0.024	

Table 8.7-46: PEC_{soil} for NOA 409480 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.014	-	0.028	-
Short term	24h	0.014	0.014	0.027	0.027
	2d	0.014	0.014	0.027	0.027
	4d	0.014	0.014	0.026	0.027

Long term	7d	0.013	0.014	0.025	0.026
	14d	0.012	0.013	0.022	0.025
	21d	0.011	0.012	0.020	0.024
	28d	0.009	0.012	0.018	0.022
	42d	0.008	0.011	0.014	0.020
	50d	0.007	0.010	0.013	0.019
	100 d	0.003	0.007	0.006	0.014
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.015		0.028	

Table 8.7-47: PEC_{soil} for CGA 381318 on Cabbage, 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Cabbage			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.012	-	0.022	-
Short term	24h	0.012	0.012	0.021	0.021
	2d	0.011	0.012	0.020	0.021
	4d	0.011	0.011	0.019	0.020
Long term	7d	0.010	0.011	0.018	0.020
	14d	0.008	0.010	0.014	0.018
	21d	0.006	0.009	0.011	0.016
	28d	0.005	0.008	0.009	0.015
	42d	0.003	0.007	0.006	0.012
	50d	0.003	0.006	0.005	0.011
	100 d	<0.001	0.004	0.001	0.007
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.012		0.022	

Table 8.7-48: PEC_{soil} for trifloxystrobin on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.107	-	0.158	-

Short term	24h	0.096	0.101	0.143	0.150
	2d	0.087	0.096	0.129	0.143
	4d	0.071	0.087	0.105	0.130
Long term	7d	0.052	0.076	0.077	0.113
	14d	0.025	0.056	0.037	0.084
	21d	0.012	0.044	0.018	0.065
	28d	0.006	0.035	0.009	0.052
	42d	0.001	0.024	0.002	0.036
	50d	<0.001	0.021	<0.001	0.030
	100 d	<0.001	0.010	<0.001	0.015
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.107		0.158	

Table 8.7-49: PEC_{soil} for CGA 321113 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.100	-	0.199	-
Short term	24h	0.100	0.100	0.199	0.199
	2d	0.100	0.100	0.198	0.199
	4d	0.099	0.100	0.198	0.198
Long term	7d	0.099	0.099	0.198	0.198
	14d	0.098	0.099	0.196	0.198
	21d	0.098	0.099	0.195	0.197
	28d	0.097	0.098	0.194	0.196
	42d	0.096	0.098	0.191	0.195
	50d	0.095	0.097	0.190	0.194
	100 d	0.091	0.095	0.181	0.190
Plateau concentration (20 cm) after year 7		0.063	-	0.125	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.162		0.324	

Table 8.7-50: PEC_{soil} for NOA 413161 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil}	Strawberries

(mg/kg)		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.015	-	0.030	-
Short term	24h	0.015	0.015	0.030	0.030
	2d	0.015	0.015	0.030	0.030
	4d	0.015	0.015	0.030	0.030
Long term	7d	0.015	0.015	0.029	0.030
	14d	0.015	0.015	0.029	0.029
	21d	0.014	0.015	0.028	0.029
	28d	0.014	0.015	0.028	0.029
	42d	0.013	0.014	0.027	0.028
	50d	0.013	0.014	0.026	0.028
	100 d	0.011	0.013	0.023	0.026
Plateau concentration (20 cm) after year 3		0.002	-	0.004	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.017		0.034	

Table 8.7-51: **PEC_{soil} for CGA 357276 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval**

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.005	-	0.009	-
Short term	24h	0.005	0.005	0.009	0.009
	2d	0.005	0.005	0.009	0.009
	4d	0.004	0.005	0.009	0.009
Long term	7d	0.004	0.005	0.008	0.009
	14d	0.004	0.004	0.008	0.009
	21d	0.004	0.004	0.008	0.008
	28d	0.004	0.004	0.007	0.008
	42d	0.003	0.004	0.006	0.008
	50d	0.003	0.004	0.006	0.007
	100 d	0.002	0.003	0.004	0.006
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.005		0.009	

Table 8.7-52: PEC_{soil} for CGA 357261 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.017	-	0.020	-
Short term	24h	0.013	0.015	0.016	0.018
	2d	0.011	0.013	0.013	0.016
	4d	0.007	0.011	0.008	0.013
Long term	7d	0.004	0.009	0.004	0.010
	14d	<0.001	0.005	<0.001	0.006
	21d	<0.001	0.004	<0.001	0.004
	28d	<0.001	0.003	<0.001	0.003
	42d	<0.001	0.002	<0.001	0.002
	50d	<0.001	0.002	<0.001	0.002
	100 d	<0.001	< 0.001	<0.001	< 0.001
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.017		0.020	

Table 8.7-53: PEC_{soil} for CGA 373466 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.044	-	0.085	-
Short term	24h	0.043	0.044	0.084	0.084
	2d	0.043	0.043	0.083	0.084
	4d	0.042	0.043	0.082	0.083
Long term	7d	0.041	0.042	0.079	0.082
	14d	0.038	0.041	0.074	0.079
	21d	0.036	0.040	0.069	0.077
	28d	0.033	0.038	0.065	0.074
	42d	0.029	0.036	0.057	0.070
	50d	0.027	0.035	0.052	0.067
	100 d	0.017	0.028	0.032	0.054
Plateau concentration (20 cm)		<0.001	-	<0.001	-

after year 1				
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)	0.044		0.085	

Table 8.7-54: PEC_{soil} for NOA 413163 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.007	-	0.013	-
Short term	24h	0.007	0.007	0.013	0.013
	2d	0.007	0.007	0.013	0.013
	4d	0.006	0.007	0.012	0.013
Long term	7d	0.006	0.006	0.012	0.012
	14d	0.006	0.006	0.011	0.012
	21d	0.005	0.006	0.011	0.012
	28d	0.005	0.006	0.010	0.011
	42d	0.005	0.006	0.009	0.011
	50d	0.004	0.005	0.008	0.010
	100 d	0.003	0.004	0.005	0.008
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.007		0.013	

Table 8.7-55: PEC_{soil} for NOA 409480 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.008	-	0.015	-
Short term	24h	0.008	0.008	0.014	0.015
	2d	0.007	0.008	0.014	0.014
	4d	0.007	0.007	0.014	0.014
Long term	7d	0.007	0.007	0.013	0.014
	14d	0.006	0.007	0.012	0.013
	21d	0.006	0.007	0.011	0.013
	28d	0.005	0.006	0.010	0.012
	42d	0.004	0.006	0.008	0.011

	50d	0.004	0.005	0.007	0.010
	100 d	0.002	0.004	0.003	0.008
Plateau concentration (20 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.008		0.015	

Table 8.7-56: PEC_{soil} for CGA 381318 on Strawberries, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Strawberries			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.006	-	0.012	-
Short term	24h	0.006	0.006	0.011	0.011
	2d	0.006	0.006	0.011	0.011
	4d	0.006	0.006	0.010	0.011
Long term	7d	0.005	0.006	0.009	0.010
	14d	0.004	0.005	0.008	0.009
	21d	0.003	0.005	0.006	0.009
	28d	0.003	0.004	0.005	0.008
	42d	0.002	0.004	0.003	0.007
	50d	0.001	0.003	0.003	0.006
	100 d	<0.001	0.002	<0.001	0.004
Plateau concentration (20 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.006		0.012	

Table 8.7-57: PEC_{soil} for trifloxystrobin on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.107	-	0.158	-
Short term	24h	0.096	0.101	0.143	0.150
	2d	0.087	0.096	0.129	0.143
	4d	0.071	0.087	0.105	0.130
Long term	7d	0.052	0.076	0.077	0.113
	14d	0.025	0.056	0.037	0.084

	21d	0.012	0.044	0.018	0.065
	28d	0.006	0.035	0.009	0.052
	42d	0.001	0.024	0.002	0.036
	50d	<0.001	0.021	<0.001	0.030
	100 d	<0.001	0.010	<0.001	0.015
Plateau concentration (5 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} + $PEC_{soil\ plateau}$)		0.107		0.158	

Table 8.7-58: PEC_{soil} for CGA 321113 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.100	-	0.199	-
Short term	24h	0.100	0.100	0.199	0.199
	2d	0.100	0.100	0.198	0.199
	4d	0.099	0.100	0.198	0.198
Long term	7d	0.099	0.099	0.198	0.198
	14d	0.098	0.099	0.196	0.198
	21d	0.098	0.099	0.195	0.197
	28d	0.097	0.098	0.194	0.196
	42d	0.096	0.098	0.191	0.195
	50d	0.095	0.097	0.190	0.194
	100 d	0.091	0.095	0.181	0.190
Plateau concentration (5 cm) after year 7		0.251	-	0.500	-
$PEC_{accumulation}$ (PEC_{act} + $PEC_{soil\ plateau}$)		0.350		0.699	

Table 8.7-59: PEC_{soil} for NOA 413161 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.015	-	0.030	-
Short term	24h	0.015	0.015	0.030	0.030
	2d	0.015	0.015	0.030	0.030

	4d	0.015	0.015	0.030	0.030
Long term	7d	0.015	0.015	0.029	0.030
	14d	0.015	0.015	0.029	0.029
	21d	0.014	0.015	0.028	0.029
	28d	0.014	0.015	0.028	0.029
	42d	0.013	0.014	0.027	0.028
	50d	0.013	0.014	0.026	0.028
	100 d	0.011	0.013	0.023	0.026
Plateau concentration (5 cm) after year 3		0.009	-	0.017	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.024		0.047	

Table 8.7-60: PEC_{soil} for CGA 357276 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.005	-	0.009	-
Short term	24h	0.005	0.005	0.009	0.009
	2d	0.005	0.005	0.009	0.009
	4d	0.004	0.005	0.009	0.009
Long term	7d	0.004	0.005	0.008	0.009
	14d	0.004	0.004	0.008	0.009
	21d	0.004	0.004	0.008	0.008
	28d	0.004	0.004	0.007	0.008
	42d	0.003	0.004	0.006	0.008
	50d	0.003	0.004	0.006	0.007
	100 d	0.002	0.003	0.004	0.006
Plateau concentration (5 cm) after year 1		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.005		0.009	

Table 8.7-61: PEC_{soil} for CGA 357261 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA

Initial		0.017	-	0.020	-
Short term	24h	0.013	0.015	0.016	0.018
	2d	0.011	0.013	0.013	0.016
	4d	0.007	0.011	0.008	0.013
Long term	7d	0.004	0.009	0.004	0.010
	14d	<0.001	0.005	<0.001	0.006
	21d	<0.001	0.004	<0.001	0.004
	28d	<0.001	0.003	<0.001	0.003
	42d	<0.001	0.002	<0.001	0.002
	50d	<0.001	0.002	<0.001	0.002
	100 d	<0.001	< 0.001	<0.001	< 0.001
Plateau concentration (5 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.017		0.020	

Table 8.7-62: PEC_{soil} for CGA 373466 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.044	-	0.085	-
Short term	24h	0.043	0.044	0.084	0.084
	2d	0.043	0.043	0.083	0.084
	4d	0.042	0.043	0.082	0.083
Long term	7d	0.041	0.042	0.079	0.082
	14d	0.038	0.041	0.074	0.079
	21d	0.036	0.040	0.069	0.077
	28d	0.033	0.038	0.065	0.074
	42d	0.029	0.036	0.057	0.070
	50d	0.027	0.035	0.052	0.067
	100 d	0.017	0.028	0.032	0.054
Plateau concentration (5 cm) after year 1		0.001	-	0.003	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.045		0.087	

Table 8.7-63: PEC$_{soil}$ for NOA 413163 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC$_{soil}$ (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.007	-	0.013	-
Short term	24h	0.007	0.007	0.013	0.013
	2d	0.007	0.007	0.013	0.013
	4d	0.006	0.007	0.012	0.013
Long term	7d	0.006	0.006	0.012	0.012
	14d	0.006	0.006	0.011	0.012
	21d	0.005	0.006	0.011	0.012
	28d	0.005	0.006	0.010	0.011
	42d	0.005	0.006	0.009	0.011
	50d	0.004	0.005	0.008	0.010
	100 d	0.003	0.004	0.005	0.008
Plateau concentration (5 cm) after year 1		<0.001	-	<0.001	-
PEC$_{accumulation}$ (PEC$_{act}$ +PEC$_{soil\ plateau}$)		0.007		0.013	

Table 8.7-64: PEC$_{soil}$ for NOA 409480 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC$_{soil}$ (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.008	-	0.015	-
Short term	24h	0.008	0.008	0.014	0.015
	2d	0.007	0.008	0.014	0.014
	4d	0.007	0.007	0.014	0.014
Long term	7d	0.007	0.007	0.013	0.014
	14d	0.006	0.007	0.012	0.013
	21d	0.006	0.007	0.011	0.013
	28d	0.005	0.006	0.010	0.012
	42d	0.004	0.006	0.008	0.011
	50d	0.004	0.005	0.007	0.010
	100 d	0.002	0.004	0.003	0.008
Plateau concentration (5 cm) after year 1		<0.001	-	<0.001	-

$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)	0.008		0.015	

Table 8.7-65: PEC_{soil} for CGA 381318 on Vines, 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

PEC_{soil} (mg/kg)		Vines			
		Single application		Multiple applications	
		Actual	TWA	Actual	TWA
Initial		0.006	-	0.012	-
Short term	24h	0.006	0.006	0.011	0.011
	2d	0.006	0.006	0.011	0.011
	4d	0.006	0.006	0.010	0.011
Long term	7d	0.005	0.006	0.009	0.010
	14d	0.004	0.005	0.008	0.009
	21d	0.003	0.005	0.006	0.009
	28d	0.003	0.004	0.005	0.008
	42d	0.002	0.004	0.003	0.007
	50d	0.001	0.003	0.003	0.006
	100 d	<0.001	0.002	<0.001	0.004
Plateau concentration (5 cm) after year 0		<0.001	-	<0.001	-
$PEC_{accumulation}$ (PEC_{act} +$PEC_{soil\ plateau}$)		0.006		0.012	

8.7.2.3 PEC_{soil} of FLU + TFS SC 500

PEC_{soil} is calculated for application of FLU+TFS SC 500 (250+250) in cabbage due to the highest twice application rate (2 × 0.8 L product/ha) in combination with the lowest crop interception of 25% for arable crops. A further calculation is presented for onions due to the highest number of applications (2 × 0.3 L product/ha) and the lowest crop interception (10%).

Table 8.7-66: PEC_{soil} for FLU+TFS SC 500 (250+250) on cabbage

Active substance/ preparation	Application rate (g/ha)	PEC_{act} (mg/kg)	PEC_{twa}21 d (mg/kg)	Tillage depth (cm)	$PEC_{soil,plateau}$ (mg/kg)	PEC_{accu} = PEC_{act} + $PEC_{soil,plateau}$ (mg/kg)
FLU+TFS SC 500 (250+250)	2 × 939.2 [1]	1.878 [2]	-	-	-	-

[1] Application rate: 2 × 0.8 L product/ha to “arable crops”, product density: 1.174 g/mL

[2] Considering 2 × 25% plant interception

Table 8.7-67: PEC$_{soil}$ for FLU+TFS SC 500 (250+250) on onions

Active substance/ preparation	Application rate (g/ha)	PEC$_{act}$ (mg/kg)	PEC$_{twa}$21 d (mg/kg)	Tillage depth (cm)	PEC$_{soil,plateau}$ (mg/kg)	PEC$_{accu}$ = PEC$_{act}$ + PEC$_{soil,plateau}$ (mg/kg)
FLU+TFS SC 500 (250+250)	5 × 352.2 [1]	2.113 [2]	-	-	-	-

[1] Application rate: 5 × 0.3 L product/ha to "arable crops", product density: 1.174 g/mL

[2] Considering 5 × 10% plant interception

zRMS comments:

Trifloxystrobin

zRMS agrees with the PECs calculations carried out by the applicant for trifloxystrobin and its metabolites: CGA321113, CGA35726, CGA373466, CGA 357261, NOA 413161, NOA413163, NOA409480, CGA381318 and formulation FLU+TFS SC 500.
The modelling input parameters for trifloxystrobin and relevant metabolites do not deviate from EU agreed end-points (EFSA.2017.4989), they are included in the List of Endpoints or various parts of the RAR.
Calculations of PECs performed for been, onion, sugarbeet, apple, cabbage, strawberries and vines cover all proposed uses in GAP. PECsoil were calculated using a Microsoft EXCEL spreadsheet.
The PECs values of the applicant are conservative and can therefore be used in risk assessment.

8.8 Predicted Environmental Concentrations in groundwater (PEC$_{gw}$) (KCP 9.2.4)

8.8.1 Justification for new endpoints

Trifloxystrobin

The modelling input parameters for trifloxystrobin and relevant metabolites do not deviate from EU agreed endpoints, they can be found in the List of Endpoints or various parts of the RAR.

Not all input parameters were included under the respective sections for the exposure assessments in Appendix A (list of end points). However, the information can be found in other sections of the List of endpoints or the RAR. Furthermore, discrepancies in the Appendix A were noted for several metabolite input parameters. In the following sections all missing metabolite input parameters are presented including its source. Furthermore, discrepancies are highlighted and corrections according to the results of the EU review are proposed.

PEC ground water (Regulation (EU) N° 284/2013, Annex PART A, point 9.2.4.1)

The following table was adapted from Appendix A. Missing information that is available in the RAR and relevant for modelling was included and highlighted in green. The source of the RAR is indicated as a footnote. Data that is considered to be inconsistent within the Appendix A was corrected (highlighted in red) and the source indicated as a footnote.

Method of calculation and type of study - modelling	For FOCUS gw modelling, values used – Modelling using FOCUS model(s), with appropriate FOCUSgw scenarios, according to FOCUS guidance. Model(s) used: PEARL v4.4.4 / PELMO v5.5.3 Trifloxystrobin: Molecular weight (g/mol): 408.4 Crop uptake factor: 0 Water solubility (mg/L): 0.61 at pH 4-10 and 25°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean parent DT_{50}:0.52 d[1] KOC: parent, geometric mean 2287 mL/g, arithmetic mean 1/n= 0.96 Metabolites: CGA 321113- from parent Molecular weight (g/mol): 394.4[2] Crop uptake factor: 0 Water solubility (mg/L): 21000 at pH 6.6 and 25°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT_{50}:48.1 d KOC: geometric mean 116.19 mL/g, arithmetic mean 1/n= 1.00 Formation Fraction: 0.707 + NOA 413161- from CGA 321113 Molecular weight (g/mol): 424.3[2] Crop uptake factor: 0 Water solubility (mg/L): 290000 at pH 7.1 and 25°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT_{50}: 36.1 d KOC: geometric mean 3.3 mL/g, arithmetic mean 1/n= 0.905 Formation Fraction: 0.164[1] CGA 357276- from CGA 321113 Molecular weight (g/mol): 318.3[2] Crop uptake factor: 0 Water solubility (mg/L): 0.6 at pH 6.2 and 20°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT_{50}: 51.5 d KOC: geometric mean 8074 mL/g, arithmetic mean 1/n= 0.877 Formation Fraction: 0.0542[1] CGA 357261- from parent Molecular weight (g/mol): 408.4[2] Crop uptake factor: 0 Water solubility (mg/L): 4 at 25°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT_{50}: 0.26 d[1] KOC: geometric mean 484 mL/g, arithmetic mean 1/n= 0.994 Formation fraction: 1 (worst case) CGA 373466- from CGA 357261

Molecular weight (g/mol): 394.4[2] Crop uptake factor: 0 Water solubility (mg/L): 250000 at pH 6.9 and 25°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT_{50}: 22.1 d KOC: geometric mean 75.7 mL/g, arithmetic mean 1/n= 0.894 Formation fraction: 0.924[1] NOA 413163- from CGA 373466 Molecular weight (g/mol): 424.3[2] Crop uptake factor: 0 Water solubility (mg/L): 63000 at pH 4.9 and 25°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT_{50}: 41.7 d[1] KOC:, geometric mean 6.0 mL/g, arithmetic mean 1/n= 0.912 Formation fraction: 0.27[1] NOA 409480- from CGA 373466 Molecular weight (g/mol): 318.3[2] Crop uptake factor: 0 Water solubility (mg/L): 2.6 at pH 6 and 20°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT50: 42.5 d KOC: geometric mean 2348 mL/g, arithmetic mean 1/n= 0.863 Formation fraction: 0.028 CGA 381318- from parent Molecular weight (g/mol): 394.4 Crop uptake factor: 0 Water solubility (mg/L): 21000 at pH 6.6 and 25°C Vapour pressure: 0 Pa at 20°C (default) Geometric mean DT50: 19.4 d KOC: geometric mean 76.5 mL/g, arithmetic mean 1/n= 0.887 Formation fraction: 0.062

[1]Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table "Combined laboratory and field kinetic endpoints for modelling (when not from different populations)"
[2] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP)

8.8.2 Active substance(s) and relevant metabolite(s) (KCP 9.2.4.1)

For the Renewal of Authorisations according to Article 43 of Regulation (EC) No 1107/2009, the following guidance is given in the Document SANCO/2010/13170 for products containing two or more active substances:

- "when the 1st substance is renewed- there is no need to evaluate data related to the 2nd substance"
- "once the 2nd substance is renewed- there is no need to evaluate data related to the 1st substance because this has already been performed in the frame of the re-authorisation of the PPP following the renewal of the 1st active substance"
- "Where necessary a combitox assessment should be performed."

In consequence, PEC groundwater values for Fluopyram are not needed as this would be out of scope of SANCO/2010/13170.

PEC_{gw} reports provided by the applicant are listed in Appendix 3.2.

Table 8.8-1: Input parameters related to application for PEC_{gw} calculations (use number in Italic = covered crops uses)

Use No.	3, 4, 61, 62, 122, 123, 143-146,170-174, 184-188, 214, 215	6, 9, 12, 14[1], 17, 19[1], 169	1	7, 8, 10, 13, 15, 16, 604, 60, 142
Crop	Beans (field & vegetable) I (covering: Asparagus, garden cress, flower tubers, lamb's lettuce, ornamentals)	Beans (field & vegetable) II (covering: Beans, nurseries)	Beans (field & vegetable) III (covering: Asparagus)	Beans (field & vegetable) IV (covering: baby leaf crops, beans, garden cress, lamb's lettuce)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200
Number of applications / interval (d)	1 / -	2 / 14	2 / 10	2 / 7
Relative application date	Absolute dates are given in table below			
Crop interception (%)	early: 25/25 late: 80/80	early: 25/25 [1] late: 70/70	early: 40/40 late: 80/80	early: 70/70 late: 70/70
Frequency of application	annual	annual	annual	annual
Models used for calculation	FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3			

[1] Beans II early is not relevant for uses 14 and 19. The application window of the respective use is covered by Beans II (late) only.

Use No.	175, 176, 179, 180, 183	177, 178, 181, 182	47, 48	49-51
Crop	Peas I	Peas II	Sugar beets I (covering: celeriac)	Sugar beets II (covering: chicory)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 0.125	Fluopyram: - Trifloxystrobin: 200
Number of applications / interval (d)	2 / 7	2 / 14	2 / 14	1 / -
Relative application date	Absolute dates are given in table below			
Crop interception (%)	85/85	85/85	70/70	early: 20/20 late: 90/90
Frequency of application	annual	annual	annual	annual
Models used for calculation	FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3, FOCUS MACRO v5.5.4			

Use No.	119, 121	117, 118, 120

Crop	Onions I (covering: flower bulbs)	Onions II (covering: flower bulbs)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 75
Number of applications / interval (d)	1 / -	5 / 7
Relative application date	Absolute dates are given in table below	
Crop interception (%)	early: 10 middle: 40 late: 60	early: 5×10 middle: 5×40 late: 5×60
Frequency of application	annual	annual
Models used for calculation	FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3, FOCUS MACRO v5.5.4	

Use No.	108, 110	~~52~~, 107, *109*, 242	49, *50*, 51, 61, 62, 112, 113, *114*, 115, 116, 143, *144*, 145, 146, 147, 149, *150*, 151, *152*, *154*, 157, *158*, *159*, 160, 164, 189, *190*, 206, *207*, 208, 209, 214, 215	*60*, *142*[#,1], *148*[1], *158*, *159*, 161[1], *162*[1], *163*[1], *205*[1] *607*[#]
Crop	Apples I (covering: elderberry)	Apples II (covering: chokeberry, elderberry, tree nursery)	Cabbage I (covering: endive, lambs lettuce[#], lettuce, radicchio, rocket salad, see lavender)	Cabbage II (covering: lambs lettuce[#], lettuce, rocket salad
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 150	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200
Number of applications / interval (d)	2 / 14	2 / 7	1 / -	2 / 7
Relative application date	Absolute dates are given in table below		Absolute dates are given in table below	
Crop interception (%)	early: 60/60 middle: 65/65 late: 65/65	early: 60/60 middle: 65/65 late: 65/65	early: 25 late: 70	early: 25/25[1] late: 70/70
Frequency of application	annual	annual	annual	annual
Models used for calculation	FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3, FOCUS MACRO v5.5.4		FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3, FOCUS MACRO v5.5.4	

the use IDs were not mentioned in the respective PEC report but covered by calculations performed

[1] Cabbage II (early) is not relevant for uses 142, 148, 161-163 and 205. The application window of the respective use is covered by Cabbagge II (late) only.

Use No.	226, 227, 228, 230, 232, 236-239	241	
Crop	Strawberry	Tobacco I	
Application rate (g	Fluopyram: -	Fluopyram: -	

a.s./ha)	Trifloxystrobin: 200	Trifloxystrobin: 200	
Number of applications / interval (d)	2 / 7	1 / -	
Relative application date	Absolute dates are given in table below		
Crop interception (%)	early: 60/60 late: 60/60	early: 50 late:90	
Frequency of application	annual	annual	
Models used for calculation	FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3		

Use No.	38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 167, 168, 210, 212, 141 (hop),	27, 30, 105, 106, 197, 203	24, *25, 26*, 35, *36, 37*, 53, *54, 55*, *67*,*68*, 79, *80, 81*, 92, *93, 94*, 128, *129, 130*, 194, 195, 196
Crop	Vines I & Bushberry I (covering: blueberry, cranberry, currant, gooseberry, mulberry, rosehip, hop,)	Vines II & Bushberry II (covering: blackberry, dewberry, raspberry)	Vines III & Bushberry III (covering: blackberry, blueberry, cranberry, currant, gooseberry, raspberry)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 150	Fluopyram: - Trifloxystrobin: 150	Fluopyram: - Trifloxystrobin: 150
Number of applications / interval (d)	2 / 14	2 / 21	2 / 7
Relative application date	Absolute dates are given in table below		
Crop interception (%)	early: 60/60 middle: 60/60 late: 75/75	60/60	early: 60/60 middle: 60/60 late: 75/75
Frequency of application	annual	annual	annual
Models used for calculation	FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3, FOCUS MACRO v5.5.4		

Use No.	21, *22,* 23, 28, *31*, 32, *33, 34*, *39*, *45*, 52, *57*, *59*, 63, *64, 65*, 66, *67*, *70*, *76-78*, *83*, *89-91*, *96*, *102*, 107, *109*, 125, *126, 127, 132*, *137*, *165, 166*, 191, *192, 193 198*, *204*, *211*, *213*, 605, 606, 608, *609*	29, 40 , *41*, 71, *72*, 84, *85* 97, *98*, 133, *135*, 199, *200*	138, 139, 140
Crop	Vines IV & Bushberry IV (covering: blackberry, blueberry, currant, dewberry, gooseberry, mulberry, raspberry, rosehip)	Vines V & Bushberry V (covering: blackberry, blueberry, currant, gooseberry, raspberry)	Vines VII (covering: grapes)
Application rate (g a.s./ha)	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 200	Fluopyram: - Trifloxystrobin: 50
Number of applications /	2 / 7	2 / 14	2 / 14

interval (d)			
Relative application date	Absolute dates are given in table below		
Crop interception (%)	early: 50/50 middle: 60/60 late: 75/75	early: 60/60 middle: 60/60 late: 75/75	early: 60/60 middle: 60/60 late: 75/75
Frequency of application	annual	annual	annual
Models used for calculation	FOCUS PEARL v4.4.4, FOCUS PELMO v5.5.3, FOCUS MACRO v5.5.4		

Table 8.8-2: Application dates used for groundwater risk assessment

Crop	Scenario	Application dates	
		early	late
Beans (field) I BBCH 11-95	Hamburg	14-Apr	30-Aug
	Kremsmünster	14-Apr	30-Aug
	Okehampton	19-Mar	20-Sep
Beans (vegetable) I BBCH 11-95	Porto	13-Mar	-
	Thiva	03-Apr	05-Oct
Beans (field) II BBCH 19-89	Hamburg	08-May	09-Aug
	Kremsmünster	08-May	09-Aug
	Okehampton	10-Apr	29-Aug
Beans (vegetable) II BBCH 19-89	Porto	31-Mar	-
	Thiva	11-Apr	14-Sep
Beans (field) III BBCH 23-95	Hamburg	20-May	20-Aug
	Kremsmünster	20-May	20-Aug
	Okehampton	21-Apr	10-Sep
Beans (vegetable) III BBCH 23-95	Porto	08-Apr	-
	Thiva	15-Apr	25-Sep
Beans (field) IV BBCH 40-89*	Hamburg	13-Jun	04-Aug
	Kremsmünster	13-Jun	04-Aug
	Okehampton	13-May	25-Aug
Beans (vegetable) IV BBCH 40-89*	Porto	26-Apr	-
	Thiva	22-Apr	09-Sep

* Accounting for 14 days pre-harvest interval

Crop	**Scenario**	**Application dates**	
		early	**late**
Peas I & II BBCH 59	Châteaudun	05-Jun	-
	Hamburg	07-Jul	-
	Jokioinen	29-Jun	-
	Okehampton	05-Jun	-
Sugar beets I BBCH 40	Châteaudun	11-Jul	-
	Hamburg	23-Aug	-
	Jokioinen	06-Aug	-
	Kremsmünster	23-Aug	-
	Okehampton	24-Aug	-
	Piacenza	12-Jul	-
	Porto	28-Apr	-
	Sevilla	07-Apr	-
	Thiva	27-Jun	-
Sugar beets II early: BBCH 13 late: 14 d before harvest	Châteaudun	30-Apr	08-Oct
	Hamburg	06-May	01-Oct
	Jokioinen	06-Jun	08-Oct
	Kremsmünster	06-May	03-Oct
	Okehampton	15-May	18-Oct
	Piacenza	08-Apr	08-Sep
	Porto	23-Mar	25-Jul
	Sevilla	04-Dec	24-Jun
	Thiva	11-May	23-Sep

Crop	**Scenario**	**Application dates**		
		early	**middle**	**late**
Onions I early: BBCH 12 middle: BBCH 50 late: BBCH 91	Châteaudun	09-May	01-Sep	30-Dec
	Hamburg	09-May	01-Sep	30-Dec
	Jokioinen	28-May	15-Aug	20-Nov
	Kremsmünster	09-May	01-Sep	30-Dec
	Okehampton	16-Mar	31-May	30-Jun
	Piacenza	24-Apr	30-Jun	29-Jul
	Porto	09-May	01-Sep	30-Dec
	Sevilla	09-May	01-Sep	30-Dec
	Thiva	28-May	15-Aug	20-Nov

Crop	Scenario	Application dates		
		early	middle	late
Onions II early: BBCH 12 middle: BBCH 50 late: 28 d before BBCH 91	Châteaudun	09-May	01-Sep	02-Dec
	Hamburg	09-May	01-Sep	02-Dec
	Jokioinen	28-May	15-Aug	23-Oct
	Kremsmünster	09-May	01-Sep	02-Dec
	Okehampton	16-Mar	31-May	02-Jun
	Piacenza	24-Apr	30-Jun	01-Jul
	Porto	09-May	01-Sep	02-Dec
	Sevilla	09-May	01-Sep	02-Dec
	Thiva	28-May	15-Aug	23-Oct

Crop	Scenario	Application dates		
		early	middle	late
Apples I early: BBCH 15 middle: BBCH 70 late: 14 d before BBCH 89	Châteaudun	09-Apr	06-Jun	11-Sep
	Hamburg	26-Apr	07-Jul	10-Oct
	Jokioinen	13-May	01-Jun	24-Sep
	Kremsmünster	26-Apr	07-Jul	10-Oct
	Okehampton	05-Apr	20-Jun	27-Aug
	Piacenza	09-Apr	08-Jun	10-Oct
	Porto	29-Mar	06-Jul	11-Oct
	Sevilla	26-Mar	07-Jun	24-Sep
	Thiva	29-Mar	06-Jul	30-Sep
Apples II early: BBCH 12 middle: BBCH 70 late: 7 d before BBCH 91	Châteaudun	09-Apr	06-Jun	25-Sep
	Hamburg	26-Apr	07-Jul	24-Oct
	Jokioinen	13-May	01-Jun	09-Oct
	Kremsmünster	26-Apr	07-Jul	24-Oct
	Okehampton	05-Apr	20-Jun	09-Sep
	Piacenza	09-Apr	08-Jun	26-Oct
	Porto	29-Mar	06-Jul	25-Oct
	Sevilla	26-Mar	07-Jun	09-Oct
	Thiva	29-Mar	06-Jul	14-Oct

Crop	Scenario	Application dates	
		early	**late**
Cabbage I early: BBCH 12 from 1st season late: 7 days before harvest for cabbage 2nd season	Châteaudun	29-Apr	08-Oct
	Hamburg	29-Apr	08-Oct
	Jokioinen	11-Jun	-
	Kremsmünster	29-Apr	08-Oct
	Porto	16-Mar	08-Nov
	Sevilla	14-Mar	08-Sep
	Thiva	25-Aug	-
Cabbage I early: BBCH 12 from 1st season late: 14 days before harvest for cabbage 2nd season	Châteaudun	29-Apr	01-Oct
	Hamburg	29-Apr	01-Oct
	Jokioinen	11-Jun	-
	Kremsmünster	29-Apr	01-Oct
	Porto	16-Mar	01-Nov
	Sevilla	14-Mar	01-Sep
	Thiva	25-Aug	-

Crop	Scenario	Application dates	
		early	**late**
Strawberry BBCH 40-89	Hamburg	02-Apr	20-Aug
	Jokioinen	31-May	05-Sep
	Kremsmünster	02-Apr	20-Aug
	Sevilla	25-Jan	20-Aug
Tobacco I BBCH 11-39	Piacenza	23-May	02-Jul
	Thiva	06-May	15-Jul

Crop	Scenario	Application dates		
		early	**middle**	**late**
Vines I early: BBCH 15 middle: BBCH 65 late: 14d PHI #Bushberry I early: BBCH 13 middle: BBCH 65 late: 14d PHI	Châteaudun	22-Apr	11-Jul	04-Oct
	Hamburg	14-May	03-Jul	02-Oct
	Jokioinen #	15-May	20-Jun	27-Sep
	Kremsmünster	14-May	03-Jul	02-Oct
	Piacenza	22-Apr	11-Jul	04-Oct
	Porto	08-Apr	08-Jul	02-Sep
	Sevilla	14-Apr	03-Jun	02-Nov
	Thiva	03-Apr	12-Jun	22-Sep

Crop	**Scenario**	**Application dates**		
		early	**middle**	**late**
Vines II BBCH 40 #Bushberry II BBCH 40	Châteaudun	-	24-May	-
	Hamburg	-	03-Jun	-
	Jokioinen #	-	21-May	-
	Kremsmünster	-	03-Jun	-
	Piacenza	-	24-May	-
	Porto	-	14-May	-
	Sevilla	-	04-May	-
	Thiva	-	01-May	-
Vines III early: BBCH 15 middle: BBCH 65 late: 7d PHI #Bushberry III early: BBCH 13 middle: BBCH 65 late: 7d PHI	Châteaudun	22-Apr	11-Jul	18-Oct
	Hamburg	14-May	03-Jul	16-Oct
	Jokioinen #	15-May	20-Jun	11-Oct
	Kremsmünster	14-May	03-Jul	16-Oct
	Piacenza	22-Apr	11-Jul	18-Oct
	Porto	08-Apr	08-Jul	16-Sep
	Sevilla	14-Apr	03-Jun	16-Nov
	Thiva	03-Apr	12-Jun	06-Oct
Vines IV early: BBCH 13 late: 7d PHI #Bushberry IV early: BBCH 13 middle: BBCH 65 late: 7d PHI	Châteaudun	14-Apr	-	18-Oct
	Hamburg	09-May	-	16-Oct
	Jokioinen #	15-May	20-Jun	11-Oct
	Kremsmünster	09-May	-	16-Oct
	Piacenza	14-Apr	-	18-Oct
	Porto	30-Mar	-	16-Sep
	Sevilla	09-Apr	-	16-Nov
	Thiva	27-Mar	-	06-Oct
Vines V early: BBCH 15 middle: BBCH 65 late: 7d PHI #Bushberry V early: BBCH 13 middle: BBCH 65 late: 3d PHI	Châteaudun	22-Apr	11-Jul	11-Oct
	Hamburg	14-May	03-Jul	09-Oct
	Jokioinen #	15-May	20-Jun	04-Oct
	Kremsmünster	14-May	03-Jul	09-Oct
	Piacenza	22-Apr	11-Jul	11-Oct
	Porto	08-Apr	08-Jul	09-Sep
	Sevilla	14-Apr	03-Jun	09-Nov
	Thiva	03-Apr	12-Jun	29-Sep
Vines VII early: BBCH 15 middle: BBCH 65 late: 14 d before BBCH 85	Châteaudun	22-Apr	11-Jul	25-Sep
	Hamburg	14-May	03-Jul	19-Sep
	Kremsmünster	14-May	03-Jul	19-Sep
	Piacenza	22-Apr	11-Jul	25-Sep

Crop	Scenario	Application dates		
		early	middle	late
	Porto	08-Apr	08-Jul	01-Sep
	Sevilla	14-Apr	03-Jun	05-Oct
	Thiva	03-Apr	12-Jun	08-Sep

8.8.2.1 Fluopyram and metabolites

For the Renewal of Authorisations according to Article 43 of Regulation (EC) No 1107/2009, the following guidance is given in the Document SANCO/2010/13170 for products containing two or more active substances:

- "when the 1st substance is renewed- there is no need to evaluate data related to the 2nd substance"
- "once the 2nd substance is renewed- there is no need to evaluate data related to the 1st substance because this has already been performed in the frame of the re-authorisation of the PPP following the renewal of the 1st active substance"
- "Where necessary a combitox assessment should be performed."

In consequence, PEC groundwater values for Fluopyram are not needed as this would be out of scope of SANCO/2010/13170.

8.8.2.2 Trifloxystrobin and metabolites

Table 8.8-3: Input parameters related to active substance trifloxystrobin and metabolites for PEC_{gw} calculations (FOCUS)

Compound	Trifloxystrobin (TFS)	CGA 321113 (CGA13)	NOA 413161 (NOA61)	Value in accordance with EU endpoint y/n/ Reference*
Molecular weight (g/mol)	408.4	394.4 [2]	424.3 [2]	y/ EFSA Journal 2017;15(10):4989 or RAR Volume 3_B8
Water solubility (mg/L):	0.61 (25 °C)	21000 (25 °C)	290000 (25 °C)	y/ EFSA Journal 2017;15(10):4989
Saturated vapour pressure (Pa):	0 default (20 °C)	0 default (20 °C)	0 default (20 °C)	y/ EFSA Journal 2017;15(10):4989
DT_{50} in soil (d)	0.52 [1] (lab & field, normalised to pF2, 20 °C with Q_{10} of 2.58, geometric mean, n=23)	48.1 (field, normalised to pF2, 20 °C with Q_{10} of 2.58, geometric mean,	36.1 (field, normalised to pF2, 20 °C with Q_{10} of 2.58, geomean, n=5)	y/ EFSA Journal 2017;15(10):4989

Compound	Trifloxystrobin (TFS)	CGA 321113 (CGA13)	NOA 413161 (NOA61)	Value in accordance with EU endpoint y/n/ Reference*
		n=6)		
Transformation rate (d^{-1})	0.942414 to CGA13 0.390562 to NER + CO_2	0.002363 to NOA61 0.000781 to CGA76 0.011266 to NER + CO_2	0.019201	y/ EFSA Journal 2017;15(10):4989
K_{foc} (mL/g)/K_{fom}	2287 / 1327 (geometric mean, n=6)	116.19 / 67.4 (geometric mean, n=6)	3.3 / 1.9 (geometric mean, n=4)	y/ EFSA Journal 2017;15(10):4989
1/n	0.96 (arithmetic mean)	1.00 (arithmetic mean)	0.905	y/ EFSA Journal 2017;15(10):4989
Plant uptake factor	0	0	0	y/ EFSA Journal 2017;15(10):4989
Formation fraction	-	0.707 from parent (field, arithmetic mean, n=6)	0.164 from CGA13 (field, arithmetic mean, n=4) [1]	y/ EFSA Journal 2017;15(10):4989

[1] Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table "Combined laboratory and field kinetic endpoints for modelling (when not from different populations)"

[2] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, TRIFLOXYSTROBIN, Volume 3 – B.8 (PPP)

Table 8.8-4: Input parameters related to active substance trifloxystrobin and metabolites for PEC_{gw} calculations (FOCUS)

Compound	CGA 357276 (CGA76)	CGA 357261 (TFS ZE)	CGA 373466 (CGA66)	Value in accordance with EU endpoint y/n/ Reference*
Molecular weight (g/mol)	318.3 [2]	408.4 [2]	394.4 [2]	y/ RAR Volume 3_B8
Water solubility (mg/L):	0.6 (20 °C)	4 (25 °C)	250000 (25 °C)	y/ EFSA Journal 2017;15(10):4989
Saturated vapour pressure (Pa):	0 default (20 °C)	0 default (20 °C)	0 default (20 °C)	y/ EFSA Journal 2017;15(10):4989
DT_{50} in soil (d)	51.5 (lab & field, normalised to pF2, 20 °C with Q_{10} of 2.58, geomean, n=9)	0.26 [1] (lab & field, normalised to pF2, 20 °C with Q_{10} of 2.58, geometric mean, n=10)	22.1 (field, normalised to pF2, 20 °C with Q_{10} of 2.58, bias-corrected geometric mean, n=6)	y/ EFSA Journal 2017;15(10):4989
Transformation rate (d^{-1})	0.013459	2.463338 to	0.008468 to	y/ EFSA Journal

Compound	**CGA 357276 (CGA76)**	**CGA 357261 (TFS ZE)**	**CGA 373466 (CGA66)**	**Value in accordance with EU endpoint y/n/ Reference***
		CGA66 0.202612 to NER + CO_2	NOA63 0.000878 to NOA80 0.022018 NER + CO_2	2017;15(10):4989
K_{foc} (mL/g)/K_{fom}	8074 / 4683 (geometric mean, n=5)	484 / 281 (geometric mean, n=5)	75.7 / 43.9 (geometric mean, n=5)	y/ EFSA Journal 2017;15(10):4989
1/n	0.877	0.994	0.894	y/ EFSA Journal 2017;15(10):4989
Plant uptake factor	0	0	0	y/ EFSA Journal 2017;15(10):4989
Formation fraction	0.0542 from CGA13 (lab & field, arithmetic mean, n=5) [1]	1.0 from parent	0.924 from TFS, Z isomer (lab, arithmetic mean, n=5) [1]	y/ EFSA Journal 2017;15(10):4989

[1] Appendix PART A to EFSA Journal 2017;15(10):4989, (page 46), table "Combined laboratory and field kinetic endpoints for modelling (when not from different populations)"

[2] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, TRIFLOXYSTROBIN, Volume 3 – B.8 (PPP)

Table 8.8-5: Input parameters related to active substance trifloxystrobin and metabolites for PEC_{gw} calculations (FOCUS)

Compound	**NOA 413163 (NOA63)**	**NOA 409480 (NOA80)**	**CGA 381318 (CGA18) major soil photolysis metabolite**	**Value in accordance with EU endpoint y/n/ Reference***
Molecular weight (g/mol)	424.3 [2]	318.3 [2]	394.4 [2]	y/ RAR Volume 3_B8
Water solubility (mg/L):	63000 (25 °C)	2.6 (20 °C)	21000 (25 °C)	y/ EFSA Journal 2017;15(10):4989
Saturated vapour pressure (Pa):	0 default (20 °C)	0 default (20 °C)	0 default (20 °C)	y/ EFSA Journal 2017;15(10):4989
DT_{50} in soil (d)	41.7 [1] (lab & field, normalised to pF2, 20 °C with Q_{10} of 2.58, geometric mean, n=13)	42.5 (lab & field, normalised to pF2, 20 °C with Q_{10} of 2.58, geometric mean, n=10)	19.4 (lab, normalised to pF2, 20 °C with Q_{10} of 2.58, bias-corrected geometric mean, n=4)	y/ EFSA Journal 2017;15(10):4989
Transformation rate (d^{-1})	0.016622	0.016309	0.035729	y/ EFSA Journal 2017;15(10):4989
K_{foc} (mL/g)/K_{fom}	6 / 3.5 (geometric mean,	2348 / 1363 (geometric	76.5 / 44.4 (geometric mean,	y/ EFSA Journal 2017;15(10):4989

Compound	NOA 413163 (NOA63)	NOA 409480 (NOA80)	CGA 381318 (CGA18) major soil photolysis metabolite	Value in accordance with EU endpoint y/n/ Reference*
	n=4)	mean, n=4)	n=4)	
1/n	0.912	0.863	0.887	y/ EFSA Journal 2017;15(10):4989
Plant uptake factor	0	0	0	y/ EFSA Journal 2017;15(10):4989
Formation fraction	0.27 from CGA66 (lab & field, arithmetic mean, n=9) [1]	0.028 from CGA66 (field, arithmetic mean, n=4)	0.062	y/ EFSA Journal 2017;15(10):4989

[1] Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table "Combined laboratory and field kinetic endpoints for modelling (when not from different populations)"

[2] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, TRIFLOXYSTROBIN, Volume 3 – B.8 (PPP)

Beans (field & vegetable)

Table 8.8-6: PEC_{gw} for trifloxystrobin and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Hamburg	<0.001	<0.001	0.856	0.768	3.314	2.428
	Kremsmuenster	<0.001	<0.001	0.643	0.661	1.521	1.673
	Okehampton	<0.001	<0.001	0.756	0.744	1.583	1.383
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-7: PEC_{gw} for trifloxystrobin and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				

	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-8: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans I (late)	Hamburg	<0.001	<0.001	0.351	0.323	0.954	0.788
	Kremsmuenster	<0.001	<0.001	0.207	0.218	0.430	0.460
	Okehampton	<0.001	<0.001	0.303	0.317	0.511	0.466
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-9: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans I (late)	Hamburg	<0.001	0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-10: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans II (early) [1]	Hamburg	<0.001	<0.001	1.876	1.710	7.061	5.123
	Kremsmuenster	<0.001	<0.001	1.320	1.354	3.147	3.394

	Okehampton	<0.001	<0.001	1.513	1.492	3.274	2.833
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-11: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans II (early) [1]	Hamburg	0.004	0.006				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-12: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans II (late)	Hamburg	<0.001	<0.001	1.006	0.929	2.979	2.381
	Kremsmuenster	<0.001	<0.001	0.581	0.604	1.305	1.401
	Okehampton	<0.001	<0.001	0.873	0.905	1.572	1.413
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-13: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-14: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Hamburg	<0.001	<0.001	1.554	1.393	5.748	4.177
	Kremsmuenster	<0.001	<0.001	1.046	1.072	2.524	2.718
	Okehampton	<0.001	<0.001	1.211	1.187	2.639	2.277
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-15: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Hamburg	0.003	0.005				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-16: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Hamburg	<0.001	<0.001	0.695	0.633	1.952	1.598
	Kremsmuenster	<0.001	<0.001	0.402	0.421	0.868	0.929
	Okehampton	<0.001	<0.001	0.597	0.622	1.036	0.941
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-17: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Hamburg	0.002	0.002				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-18: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Hamburg	<0.001	<0.001	0.834	0.738	2.934	2.131
	Kremsmuenster	<0.001	<0.001	0.566	0.584	1.259	1.357
	Okehampton	<0.001	<0.001	0.622	0.598	1.337	1.170
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-19: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Hamburg	0.002	0.002				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-20: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Hamburg	<0.001	<0.001	0.983	0.921	2.996	2.346
	Kremsmuenster	<0.001	<0.001	0.571	0.591	1.289	1.399
	Okehampton	<0.001	<0.001	0.856	0.866	1.579	1.417
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-21: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	

	Châteaudun	not relevant		

Table 8.8-22: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Hamburg	<0.001	<0.001	0.011	0.011	6.493	4.610
	Kremsmuenster	<0.001	<0.001	0.008	0.008	3.128	3.410
	Okehampton	<0.001	<0.001	0.012	0.012	3.076	2.768
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-23: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-24: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (late)	Hamburg	<0.001	<0.001	0.006	0.005	1.940	1.635
	Kremsmuenster	<0.001	<0.001	0.001	0.002	0.926	0.975
	Okehampton	<0.001	<0.001	0.005	0.007	1.118	1.065
		MACRO		**MACRO**		**MACRO**	

	Châteaudun	not relevant	not relevant	not relevant

Table 8.8-25: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	Scenario	80[th] percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-26: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	Scenario	80[th] percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163 [1]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (early) [2]	Hamburg	<0.001	<0.001	0.047	0.043	14.16	9.982
	Kremsmuenster	<0.001	<0.001	0.028	0.028	6.639	6.940
	Okehampton	<0.001	<0.001	0.038	0.037	6.425	5.574
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

[1] For uses in member states requiring the Hamburg scenario an adaptation of the GAP is proposed to one application (use 169) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change would be covered by Beans I. The results of the Hamburg scenario are therefore not considered in section 10.

[2] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-27: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	Scenario	80[th] percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (early) [1]	Hamburg	<0.001	<0.001				

	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-28: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Hamburg	<0.001	<0.001	0.030	0.025	6.229	4.855
	Kremsmuenster	<0.001	<0.001	0.009	0.009	2.757	2.909
	Okehampton	<0.001	<0.001	0.028	0.034	3.604	3.297
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-29: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-30: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163 [1]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Hamburg	<0.001	<0.001	0.039	0.035	**11.50**	8.116
	Kremsmuenster	<0.001	<0.001	0.018	0.018	5.328	5.513
	Okehampton	<0.001	<0.001	0.027	0.027	5.200	4.528
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

[1] For uses in member states requiring the Hamburg scenario an adaptation of the GAP is proposed to one application (use 1) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change would be covered by Beans I. The results of the Hamburg scenario are therefore not considered in section 10.

Table 8.8-31: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-32: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Hamburg	<0.001	<0.001	0.018	0.015	4.046	3.290
	Kremsmuenster	<0.001	<0.001	0.005	0.005	1.862	1.970
	Okehampton	<0.001	<0.001	0.016	0.020	2.312	2.193

		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-33: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans III (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-34: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans IV (early)	Hamburg	<0.001	<0.001	0.018	0.015	5.891	4.219
	Kremsmuenster	<0.001	<0.001	0.008	0.008	2.653	2.788
	Okehampton	<0.001	<0.001	0.009	0.009	2.616	2.330
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-35: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans IV (early)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				

	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-36: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans IV (late)	Hamburg	<0.001	<0.001	0.027	0.023	6.254	4.744
	Kremsmuenster	<0.001	<0.001	0.008	0.008	2.692	2.873
	Okehampton	<0.001	<0.001	0.027	0.030	3.621	3.242
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-37: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans IV (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-38: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans I (early)	Hamburg	<0.001	<0.001				

	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-39: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans I (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-40: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Beans II (early) [1]	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-41: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-42: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-43: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-44: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-45: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-46: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Porto	<0.001	<0.001	0.315	0.407	0.781	0.739
	Thiva	<0.001	<0.001	0.138	0.106	0.714	0.560
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-47: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-48: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (late)	Thiva	<0.001	<0.001	0.087	0.066	0.257	0.246
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-49: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-50: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (early) [1]	Porto	<0.001	<0.001	0.629	0.768	1.654	1.538
	Thiva	<0.001	<0.001	0.294	0.215	1.530	1.174
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-51: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (early) [1]	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-52: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Thiva	<0.001	<0.001	0.229	0.172	0.832	0.833
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-53: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-54: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Porto	<0.001	<0.001	0.507	0.619	1.326	1.234
	Thiva	<0.001	<0.001	0.237	0.170	1.231	0.936
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-55: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-56: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Thiva	<0.001	<0.001	0.167	0.126	0.534	0.523
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-57: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-58: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Porto	<0.001	<0.001	0.254	0.309	0.665	0.618
	Thiva	<0.001	<0.001	0.120	0.083	0.625	0.464
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-59: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-60: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Thiva	<0.001	<0.001	0.214	0.156	0.849	0.850
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-61: PEC$_{gw}$ for trifloxystrobin and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-62: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Porto	<0.001	<0.001	0.001	0.003	1.364	1.401
	Thiva	<0.001	<0.001	<0.001	<0.001	1.240	0.924
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-63: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-64: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (late)	Thiva	<0.001	<0.001	<0.001	<0.001	0.558	0.565
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-65: PEC$_{gw}$ for CGA 357261 and its metabolites on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-66: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163 [1]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (early) [1]	Porto	<0.001	<0.001	0.004	0.008	2.917	2.715
	Thiva	<0.001	<0.001	<0.001	<0.001	2.723	1.983
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-67: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (early) [1]	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-68: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Thiva	<0.001	<0.001	0.001	0.001	1.895	2.011
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-69: PEC$_{gw}$ for CGA 357261 and its metabolites on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-70: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163 [1]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Porto	<0.001	<0.001	0.003	0.005	2.317	2.177
	Thiva	<0.001	<0.001	<0.001	<0.001	2.178	1.568
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

[1] For uses in member states requiring the Hamburg scenario an adaptation of the GAP is proposed to one application (use 1) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change would be covered by Beans I. The results of the Hamburg scenario are therefore not considered in section 10.

Table 8.8-71: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-72: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Thiva	<0.001	<0.001	<0.001	0.001	1.193	1.246
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-73: PEC$_{gw}$ for CGA 357261 and its metabolites on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-74: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Porto	<0.001	<0.001	<0.001	0.002	1.126	1.049
	Thiva	<0.001	<0.001	<0.001	<0.001	1.080	0.761
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-75: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-76: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Thiva	<0.001	<0.001	<0.001	0.001	1.943	2.012
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-77: PEC$_{gw}$ for CGA 357261 and its metabolites on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-78: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-79: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 80% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans I (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-80: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (early) [1]	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

[1] Beans II early is not relevant for uses 14, 19 and 20. The application window of the respective use is covered by Beans II (late) only.

Table 8.8-81: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans II (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-82: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×40% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-83: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×80% interception, 10 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans III (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-84: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (early)	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-85: PEC$_{gw}$ for trifloxystrobin and its metabolite on beans IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Beans IV (late)	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Peas & Sugar beets

Table 8.8-86: PEC$_{gw}$ for trifloxystrobin and its metabolites on peas I (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas I	Chateaudun	<0.001	<0.001	0.072	0.049	0.522	0.409
	Hamburg	<0.001	<0.001	0.466	0.408	1.655	1.151
	Jokioinen	<0.001	<0.001	0.197	0.188	1.560	1.474
	Okehampton	<0.001	<0.001	0.298	0.302	0.621	0.588
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.065		0.213	

Table 8.8-87: PEC$_{gw}$ for trifloxystrobin and its metabolites on peas I (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas I	Chateaudun	<0.001	<0.001				
	Hamburg	0.001	0.001				
	Jokioinen	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-88: PEC$_{gw}$ for trifloxystrobin and its metabolites on peas II (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas II	Chateaudun	<0.001	<0.001	0.073	0.050	0.528	0.414
	Hamburg	<0.001	<0.001	0.465	0.411	1.656	1.152

	Jokioinen	<0.001	<0.001	0.201	0.191	1.566	1.480
	Okehampton	<0.001	<0.001	0.300	0.300	0.625	0.590
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.067		0.217	

Table 8.8-89: PEC$_{gw}$ for trifloxystrobin and its metabolites on peas II (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Peas II	Chateaudun	<0.001	<0.001				
	Hamburg	0.001	0.001				
	Jokioinen	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-90: PEC$_{gw}$ for trifloxystrobin and its metabolites on sugar beets I (with FOCUS PEARL/PELMO/MACRO) – 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Sugar beets I	Chateaudun	<0.001	<0.001	0.510	0.344	0.911	0.854
	Hamburg	<0.001	<0.001	0.678	0.600	1.933	1.493
	Jokioinen	<0.001	<0.001	0.308	0.278	2.044	1.863
	Kremsmuenster	<0.001	<0.001	0.404	0.431	0.845	0.926
	Okehampton	<0.001	<0.001	0.572	0.632	0.935	0.951
	Piacenza	<0.001	<0.001	0.352	0.382	0.651	0.682
	Porto	<0.001	<0.001	0.178	0.274	0.531	0.557
	Sevilla	<0.001	<0.001	0.033	0.028	0.285	0.313
	Thiva	<0.001	<0.001	0.145	0.093	0.671	0.583
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.100		0.237	

Table 8.8-91: PEC$_{gw}$ for trifloxystrobin and its metabolites on sugar beets I (with FOCUS PEARL/PELMO/MACRO) – 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets I	Chateaudun	<0.001	<0.001				
	Hamburg	0.001	0.002				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-92: PEC$_{gw}$ for trifloxystrobin and its metabolites on sugar beets II (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 20% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets II (early)	Chateaudun	<0.001	<0.001	1.208	0.818	2.342	1.999
	Hamburg	<0.001	<0.001	1.001	0.884	3.907	2.757
	Jokioinen	<0.001	<0.001	0.532	0.452	4.324	3.768
	Kremsmuenster	<0.001	<0.001	0.740	0.779	1.718	1.805
	Okehampton	<0.001	<0.001	0.780	0.935	1.671	1.733
	Piacenza	<0.001	<0.001	0.562	0.810	1.103	1.328
	Porto	<0.001	<0.001	0.377	0.688	1.166	1.248
	Sevilla	<0.001	<0.001	0.193	0.160	0.716	0.857
	Thiva	<0.001	<0.001	0.334	0.238	1.667	1.184
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.543		0.978	

Table 8.8-93: PEC$_{gw}$ for trifloxystrobin and its metabolites on sugar beets II (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 20% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	0.001	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-94: PEC$_{gw}$ for trifloxystrobin and its metabolites on sugar beets II (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets II (late)	Chateaudun	<0.001	<0.001	0.133	0.101	0.234	0.222
	Hamburg	<0.001	<0.001	0.184	0.186	0.460	0.374
	Jokioinen	<0.001	<0.001	0.082	0.077	0.491	0.440
	Kremsmuenster	<0.001	<0.001	0.108	0.114	0.212	0.232
	Okehampton	<0.001	<0.001	0.162	0.178	0.224	0.225
	Piacenza	<0.001	<0.001	0.130	0.142	0.193	0.227
	Porto	<0.001	<0.001	0.098	0.109	0.200	0.198
	Sevilla	<0.001	<0.001	0.011	0.006	0.118	0.107
	Thiva	<0.001	<0.001	0.068	0.041	0.208	0.180
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.096		0.185	

Table 8.8-95: PEC$_{gw}$ for trifloxystrobin and its metabolites on sugar beets II (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-96: PEC$_{gw}$ for CGA 357261 and its metabolites on peas I (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas I	Chateaudun	<0.001	<0.001	<0.001	<0.001	0.939	0.737
	Hamburg	<0.001	<0.001	0.007	0.005	3.360	2.299
	Jokioinen	<0.001	<0.001	<0.001	<0.001	2.902	2.655
	Okehampton	<0.001	<0.001	0.003	0.004	1.209	1.147
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		0.514	

Table 8.8-97: PEC$_{gw}$ for CGA 357261 and its metabolites on peas I (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas I	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-98: PEC$_{gw}$ for CGA 357261 and its metabolites on peas II (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas II	Chateaudun	<0.001	<0.001	<0.001	<0.001	0.956	0.753
	Hamburg	<0.001	<0.001	0.006	0.005	3.371	2.312
	Jokioinen	<0.001	<0.001	<0.001	<0.001	2.925	2.683
	Okehampton	<0.001	<0.001	0.003	0.004	1.221	1.156
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		0.526	

Table 8.8-99: PEC$_{gw}$ for CGA 357261 and its metabolites on peas II (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas II	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				

	Okehampton	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-100: PEC$_{gw}$ for CGA 357261 and its metabolites on sugar beets I (with FOCUS PEARL/PELMO/MACRO) – 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Sugar beets I	Chateaudun	<0.001	<0.001	0.007	0.002	1.909	1.788
	Hamburg	<0.001	<0.001	0.019	0.014	4.048	3.058
	Jokioinen	<0.001	<0.001	<0.001	0.001	3.797	3.511
	Kremsmuenster	<0.001	<0.001	0.005	0.006	1.786	1.918
	Okehampton	<0.001	<0.001	0.018	0.020	2.132	2.181
	Piacenza	<0.001	<0.001	0.004	0.005	1.286	1.306
	Porto	<0.001	<0.001	<0.001	0.002	0.891	0.969
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.415	0.521
	Thiva	<0.001	<0.001	<0.001	<0.001	1.354	1.175
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.001		0.566	

Table 8.8-101: PEC$_{gw}$ for CGA 357261 and its metabolites on sugar beets I (with FOCUS PEARL/PELMO/MACRO) – 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Sugar beets I	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				

	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-102: PEC$_{gw}$ for CGA 357261 and its metabolites on sugar beets II (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 20% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Sugar beets II (early)	Chateaudun	<0.001	<0.001	0.027	0.008	5.082	4.243
	Hamburg	<0.001	<0.001	0.016	0.015	7.607	5.253
	Jokioinen	<0.001	<0.001	0.002	0.002	7.924	6.887
	Kremsmuenster	<0.001	<0.001	0.010	0.011	3.428	3.639
	Okehampton	<0.001	<0.001	0.013	0.019	3.182	3.345
	Piacenza	<0.001	<0.001	0.008	0.024	2.163	2.683
	Porto	<0.001	<0.001	0.002	0.012	2.128	2.382
	Sevilla	<0.001	<0.001	<0.001	<0.001	1.249	1.896
	Thiva	<0.001	<0.001	<0.001	<0.001	3.546	2.272
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.009		2.266	

Table 8.8-103: PEC$_{gw}$ for CGA 357261 and its metabolites on sugar beets II (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 20% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Sugar beets II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				

		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-104: PEC$_{gw}$ for CGA 357261 and its metabolites on sugar beets II (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Sugar beets II (late)	Chateaudun	<0.001	<0.001	<0.001	<0.001	0.442	0.444
	Hamburg	<0.001	<0.001	0.002	0.002	0.893	0.761
	Jokioinen	<0.001	<0.001	<0.001	<0.001	0.849	0.760
	Kremsmuenster	<0.001	<0.001	<0.001	0.001	0.426	0.461
	Okehampton	<0.001	<0.001	0.002	0.003	0.494	0.516
	Piacenza	<0.001	<0.001	0.002	0.002	0.474	0.563
	Porto	<0.001	<0.001	<0.001	0.001	0.402	0.374
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.208	0.178
	Thiva	<0.001	<0.001	<0.001	<0.001	0.452	0.418
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		<0.001		0.394	

Table 8.8-105: PEC$_{gw}$ for CGA 357261 and its metabolites on sugar beets II (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Sugar beets II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	

	Châteaudun	<0.001		

Table 8.8-106: PEC$_{gw}$ for trifloxystrobin and its metabolite on peas I (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas I	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-107: PEC$_{gw}$ for trifloxystrobin and its metabolite on peas II (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×85% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Peas II	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-108: PEC$_{gw}$ for trifloxystrobin and its metabolite on sugar beets I (with FOCUS PEARL/PELMO/MACRO) – 2×125 g a.s./ha, 2×70% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets I	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-109: PEC$_{gw}$ for trifloxystrobin and its metabolite on sugar beets I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 20% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-110: PEC$_{gw}$ for trifloxystrobin and its metabolite on sugar beets II (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Sugar beets II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Onions

Table 8.8-111: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 10% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (early)	Chateaudun	<0.001	<0.001	0.283	0.273	1.517	1.408
	Hamburg	<0.001	<0.001	0.898	0.876	3.148	2.678
	Jokioinen	<0.001	<0.001	0.372	0.344	3.285	3.129
	Kremsmuenster	<0.001	<0.001	0.686	0.709	1.628	1.780
	Porto	<0.001	<0.001	0.268	0.529	0.700	1.001
	Thiva	<0.001	<0.001	0.094	0.070	0.724	0.592
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.263		0.712	

Table 8.8-112: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 10% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-113: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions I (middle) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 40% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (middle)	Chateaudun	<0.001	<0.001	0.275	0.221	1.264	1.185
	Hamburg	<0.001	<0.001	0.903	0.855	2.152	2.084
	Jokioinen	<0.001	<0.001	0.318	0.303	2.242	2.121
	Kremsmuenster	<0.001	<0.001	0.565	0.593	1.172	1.212
	Porto	<0.001	<0.001	0.187	0.347	0.609	0.771
	Thiva	<0.001	<0.001	0.110	0.051	0.730	0.499
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.297		1.035	

Table 8.8-114: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions I (middle) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 40% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				

	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-115: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 60% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Onions I (late)	Chateaudun	<0.001	<0.001	0.148	0.137	0.648	0.578
	Hamburg	<0.001	<0.001	0.436	0.445	1.217	1.114
	Jokioinen	<0.001	<0.001	0.188	0.177	1.339	1.325
	Kremsmuenster	<0.001	<0.001	0.291	0.303	0.699	0.768
	Porto	<0.001	<0.001	0.165	0.274	0.464	0.581
	Thiva	<0.001	<0.001	0.095	0.049	0.534	0.409
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.188		0.565	

Table 8.8-116: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 60% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Onions I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.001	0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-117: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions II (early) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (early)	Chateaudun	<0.001	<0.001	0.536	0.509	2.957	2.698
	Hamburg	<0.001	<0.001	1.797	1.708	6.215	5.226
	Jokioinen	<0.001	<0.001	0.730	0.662	6.357	6.004
	Kremsmuenster	<0.001	<0.001	1.307	1.364	3.128	3.410
	Porto	<0.001	<0.001	0.490	0.938	1.395	1.939
	Thiva	<0.001	<0.001	0.194	0.135	1.487	1.172
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.507		1.379	

Table 8.8-118: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions II (early) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.004	0.005				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-119: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions II (middle) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×40% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (middle)	Chateaudun	<0.001	<0.001	0.557	0.455	2.319	2.229
	Hamburg	<0.001	<0.001	1.678	1.700	3.994	3.951
	Jokioinen	<0.001	<0.001	0.623	0.594	4.246	4.027
	Kremsmuenster	<0.001	<0.001	1.083	1.142	2.171	2.309
	Porto	<0.001	<0.001	0.395	0.692	1.250	1.552
	Thiva	<0.001	<0.001	0.235	0.115	1.472	1.071
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.701		2.232	

Table 8.8-120: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions II (middle) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×40% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.004	0.005				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-121: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions II (late) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (late)	Chateaudun	<0.001	<0.001	0.319	0.280	1.264	1.154
	Hamburg	<0.001	<0.001	0.925	0.895	2.325	2.175
	Jokioinen	<0.001	<0.001	0.381	0.362	2.603	2.570
	Kremsmuenster	<0.001	<0.001	0.565	0.604	1.335	1.469
	Porto	<0.001	<0.001	0.269	0.466	0.832	1.037
	Thiva	<0.001	<0.001	0.158	0.077	0.974	0.713
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.414		1.184	

Table 8.8-122: PEC$_{gw}$ for trifloxystrobin and its metabolites on onions II (late) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-123: PEC$_{gw}$ for CGA 357261 and its metabolites on onions I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 10% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (early)	Chateaudun	<0.001	<0.001	<0.001	<0.001	2.911	2.725
	Hamburg	<0.001	<0.001	0.015	0.014	5.823	5.200
	Jokioinen	<0.001	<0.001	<0.001	0.001	6.002	5.690
	Kremsmuenster	<0.001	<0.001	0.009	0.009	3.365	3.574
	Porto	<0.001	<0.001	<0.001	0.006	1.249	1.678
	Thiva	<0.001	<0.001	<0.001	<0.001	1.166	0.978
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		1.714	

Table 8.8-124: PEC$_{gw}$ for CGA 357261 and its metabolites on onions I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 10% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-125: PEC$_{gw}$ for CGA 357261 and its metabolites on onions I (middle) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 40% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (middle)	Chateaudun	<0.001	<0.001	<0.001	<0.001	2.840	2.585
	Hamburg	<0.001	<0.001	0.033	0.024	4.463	4.573
	Jokioinen	<0.001	<0.001	<0.001	0.001	4.448	4.160
	Kremsmuenster	<0.001	<0.001	0.010	0.011	2.611	2.690
	Porto	<0.001	<0.001	<0.001	0.004	1.030	1.430
	Thiva	<0.001	<0.001	<0.001	<0.001	1.455	0.888
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.003		2.318	

Table 8.8-126: PEC$_{gw}$ for CGA 357261 and its metabolites on onions I (middle) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 40% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-127: PEC$_{gw}$ for CGA 357261 and its metabolites on onions I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 60% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I late	Chateaudun	<0.001	<0.001	<0.001	<0.001	1.252	1.139
	Hamburg	<0.001	<0.001	0.007	0.006	2.212	2.112
	Jokioinen	<0.001	<0.001	<0.001	<0.001	2.333	2.291
	Kremsmuenster	<0.001	<0.001	0.003	0.002	1.403	1.537
	Porto	<0.001	<0.001	<0.001	0.003	0.866	1.145
	Thiva	<0.001	<0.001	<0.001	<0.001	1.177	0.819
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.002		1.214	

Table 8.8-128: PEC$_{gw}$ for CGA 357261 and its metabolites on onions late (1x) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 60% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions late (1x)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-129: PEC$_{gw}$ for CGA 357261 and its metabolites on onions II (early) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163 [1]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (early)	Chateaudun	<0.001	<0.001	0.001	0.001	5.776	5.291
	Hamburg	<0.001	<0.001	0.051	0.047	11.85	10.48
	Jokioinen	<0.001	<0.001	0.003	0.003	12.16	11.40
	Kremsmuenster	<0.001	<0.001	0.027	0.029	6.569	6.922
	Porto	<0.001	<0.001	0.002	0.013	2.367	3.352
	Thiva	<0.001	<0.001	<0.001	<0.001	2.519	1.971
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.004		3.377	

[1] For uses in member states requiring the Hamburg and Jokioinen scenario an adaptation of the GAP is proposed to two applications (use 117 and 120) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change is addressed with additional calculations below (please refer to Table 8.8-135).

Table 8.8-130: PEC$_{gw}$ for CGA 357261 and its metabolites on onions II (early) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×10% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-131: PEC$_{gw}$ for CGA 357261 and its metabolites on onions II (middle) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×40% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (middle)	Chateaudun	<0.001	<0.001	0.003	0.002	5.312	4.996
	Hamburg	<0.001	<0.001	0.094	0.086	8.366	8.672
	Jokioinen	<0.001	<0.001	0.004	0.005	8.363	7.969
	Kremsmuenster	<0.001	<0.001	0.032	0.037	4.983	5.025
	Porto	<0.001	<0.001	0.001	0.013	2.219	3.027
	Thiva	<0.001	<0.001	<0.001	<0.001	3.155	2.070
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.014		4.917	

Table 8.8-132: PEC_{gw} for CGA 357261 and its metabolites on onions II (middle) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×40% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-133: PEC_{gw} for CGA 357261 and its metabolites on onions II (late) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (late)	Chateaudun	<0.001	<0.001	<0.001	0.001	2.475	2.370
	Hamburg	<0.001	<0.001	0.027	0.023	4.346	4.202
	Jokioinen	<0.001	<0.001	0.001	0.002	4.600	4.533
	Kremsmuenster	<0.001	<0.001	0.008	0.008	2.744	2.993
	Porto	<0.001	<0.001	<0.001	0.007	1.490	2.016
	Thiva	<0.001	<0.001	<0.001	<0.001	2.082	1.375
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.008		2.579	

Table 8.8-134: PEC$_{gw}$ for CGA 357261 and its metabolites on onions late (5x) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions late (5x)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

__Adaptation of the calculations for Onions II:__
PEC$_{gw}$ values for NOA 413163 exceed the trigger of 10 µg/L for an application rate of 5×75 g a.s./ha with a 7 days application interval in Onions II covering flower bulbs. Thus, the GAP has to be reduced to 2×75 g a.s./ha. As PEC$_{gw}$ calculations for this application rate are not available, the maximum PEC$_{gw}$ value for each metabolite calculated for the modelling crop Onions II (early/middle/late) is extrapolated to 2×75 g a.s./ha with 7 days interval. Results are presented in the next table.

Table 8.8-135: Extrapolated PEC$_{gw}$ for trifloxystrobin and its metabolites for 2×75 g a.s./ha on Onions based on PEC$_{gw}$ calculations for Onions II – 5×75 g a.s./ha, 5×40% interception, 7 d app. interval (only the maximum PEC$_{gw}$ coming from early, middle or late application is extrapolated as worst case)

Active substance / Metabolite	Maximum PEC$_{gw}$ calculated for Onions II (based on FOCUS scenario) (µg/L)	Maximum PEC$_{gw}$ extrapolated to 2×75 g a.s./ha in onions (µg/L)
Trifloxystrobin	< 0.001 (Onions II (early/middle/late), FOCUS PEARL/PELMO/MACRO, all scenarios)	< 0.001
CGA 321113	1.797 (Onions II (early), FOCUS PEARL, Hamburg)	0.719
NOA 413161	6.357 (Onions II (early), FOCUS PEARL, Jokioinen)	2.543
CGA 357276	0.005 (Onions II (early, middle), FOCUS PELMO, Hamburg)	0.002
CGA 357261	< 0.001 (Onions II (early/middle/late), FOCUS	< 0.001

	PEARL/PELMO/MACRO, all scenarios)	
CGA 373466	0.094 (Onions II (middle), FOCUS PEARL, Hamburg)	0.038
NOA 413163	12.16 (Onions II (early), FOCUS PEARL, Jokioinen)	4.864
NOA 409480	< 0.001 (Onions II (early/middle/late), FOCUS PEARL/PELMO/MACRO, all scenarios)	< 0.001
CGA 381318	< 0.001 (Onions II (early/middle/late), FOCUS PEARL/PELMO/MACRO, all scenarios)	< 0.001

Table 8.8-136: PEC$_{gw}$ for trifloxystrobin and its metabolite on onions I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 10% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-137: PEC$_{gw}$ for trifloxystrobin and its metabolite on onions I (middle) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 40% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				

	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-138: **PEC$_{gw}$ for trifloxystrobin and its metabolite on onions I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 60% interception**

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Onions I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-139: **PEC$_{gw}$ for trifloxystrobin and its metabolite on onions II (early) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×10% interception, 7 d app. interval**

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Onions II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-140: PEC$_{gw}$ for trifloxystrobin and its metabolite on onions II (middle) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×40% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-141: PEC$_{gw}$ for trifloxystrobin and its metabolite on onions II (late) (with FOCUS PEARL/PELMO/MACRO) – 5×75 g a.s./ha, 5×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Onions II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Apples

Table 8.8-142: PEC_{gw} for trifloxystrobin and its metabolites on apples I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (early)	Chateaudun	<0.001	<0.001	0.817	0.899	2.183	1.851
	Hamburg	<0.001	<0.001	1.275	0.824	4.559	2.502
	Jokioinen	<0.001	<0.001	0.573	0.495	4.292	3.400
	Kremsmuenster	<0.001	<0.001	0.706	0.800	1.573	1.745
	Okehampton	<0.001	<0.001	0.708	0.974	1.396	1.502
	Piacenza	<0.001	<0.001	0.561	0.805	1.226	1.173
	Porto	<0.001	<0.001	0.308	0.465	0.794	0.804
	Sevilla	<0.001	<0.001	0.753	0.505	2.050	1.613
	Thiva	<0.001	<0.001	0.660	0.507	1.728	1.317
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.188		0.706	

Table 8.8-143: PEC_{gw} for trifloxystrobin and its metabolites on apples I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.003	0.003				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	0.001	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-144: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (middle)	Chateaudun	<0.001	<0.001	0.658	0.638	1.708	1.448
	Hamburg	<0.001	<0.001	1.350	1.016	4.398	2.560
	Jokioinen	<0.001	<0.001	0.532	0.456	3.877	3.046
	Kremsmuenster	<0.001	<0.001	0.755	0.739	1.460	1.661
	Okehampton	<0.001	<0.001	0.702	0.822	1.363	1.471
	Piacenza	<0.001	<0.001	0.560	0.702	1.174	0.983
	Porto	<0.001	<0.001	0.407	0.491	0.860	0.854
	Sevilla	<0.001	<0.001	0.576	0.328	1.686	1.282
	Thiva	<0.001	<0.001	0.575	0.322	1.424	1.062
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.137		0.632	

Table 8.8-145: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.003	0.003				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	0.001	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-146: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (late)	Chateaudun	<0.001	<0.001	0.829	0.735	1.703	1.522
	Hamburg	<0.001	<0.001	1.551	1.248	3.965	2.496
	Jokioinen	<0.001	<0.001	0.708	0.626	3.998	3.169
	Kremsmuenster	<0.001	<0.001	0.749	0.815	1.457	1.661
	Okehampton	<0.001	<0.001	1.051	1.196	1.545	1.669
	Piacenza	<0.001	<0.001	0.987	1.035	1.423	1.228
	Porto	<0.001	<0.001	0.795	0.954	0.858	0.998
	Sevilla	<0.001	<0.001	0.662	0.460	1.258	1.648
	Thiva	<0.001	<0.001	0.724	0.594	1.355	1.338
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.336		1.256	

Table 8.8-147: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.004	0.004				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	0.002	0.003				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-148: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (early)	Chateaudun	<0.001	<0.001	1.088	1.205	2.937	2.481
	Hamburg	<0.001	<0.001	1.674	1.084	6.086	3.343
	Jokioinen	<0.001	<0.001	0.753	0.654	5.760	4.544
	Kremsmuenster	<0.001	<0.001	0.938	1.070	2.111	2.351
	Okehampton	<0.001	<0.001	0.936	1.289	1.868	1.999
	Piacenza	<0.001	<0.001	0.742	1.075	1.632	1.573
	Porto	<0.001	<0.001	0.402	0.613	1.059	1.081
	Sevilla	<0.001	<0.001	1.014	0.681	2.732	2.170
	Thiva	<0.001	<0.001	0.864	0.673	2.302	1.759
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.251		0.945	

Table 8.8-149: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.004	0.004				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	0.002	0.003				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-150: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples II (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (middle)	Chateaudun	<0.001	<0.001	0.889	0.862	2.305	1.958
	Hamburg	<0.001	<0.001	1.805	1.373	5.878	3.400
	Jokioinen	<0.001	<0.001	0.710	0.608	5.211	4.072
	Kremsmuenster	<0.001	<0.001	1.005	1.007	1.944	2.202
	Okehampton	<0.001	<0.001	0.925	1.099	1.808	1.947
	Piacenza	<0.001	<0.001	0.761	0.927	1.551	1.307
	Porto	<0.001	<0.001	0.526	0.637	1.126	1.117
	Sevilla	<0.001	<0.001	0.763	0.447	2.293	1.735
	Thiva	<0.001	<0.001	0.763	0.436	1.946	1.431
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.225		0.831	

Table 8.8-151: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples II (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.004	0.004				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	0.002	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-152: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (late)	Chateaudun	<0.001	<0.001	1.113	1.064	2.305	2.097
	Hamburg	<0.001	<0.001	2.042	1.618	5.233	3.264
	Jokioinen	<0.001	<0.001	0.945	0.821	5.260	4.183
	Kremsmuenster	<0.001	<0.001	0.947	1.045	1.929	2.202
	Okehampton	<0.001	<0.001	1.365	1.667	2.066	2.205
	Piacenza	<0.001	<0.001	1.211	1.335	1.816	1.594
	Porto	<0.001	<0.001	1.031	1.333	1.132	1.302
	Sevilla	<0.001	<0.001	0.940	0.659	1.740	2.248
	Thiva	<0.001	<0.001	0.969	0.869	1.901	1.812
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.560		1.843	

Table 8.8-153: PEC$_{gw}$ for trifloxystrobin and its metabolites on apples II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.005	0.005				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	0.001				
	Piacenza	0.003	0.004				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-154: PEC$_{gw}$ for CGA 357261 and its metabolites on apples I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (early)	Chateaudun	<0.001	<0.001	0.009	0.011	4.570	3.901
	Hamburg	<0.001	<0.001	0.016	0.015	8.591	4.649
	Jokioinen	<0.001	<0.001	0.001	0.002	7.374	6.178
	Kremsmuenster	<0.001	<0.001	0.010	0.011	3.100	3.414
	Okehampton	<0.001	<0.001	0.012	0.023	2.652	2.917
	Piacenza	<0.001	<0.001	0.007	0.030	2.415	2.572
	Porto	<0.001	<0.001	0.001	0.007	1.438	1.557
	Sevilla	<0.001	<0.001	0.009	0.002	4.171	3.226
	Thiva	<0.001	<0.001	0.003	0.002	3.441	2.650
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		1.743	

Table 8.8-155: PEC$_{gw}$ for CGA 357261 and its metabolites on apples I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	

	Châteaudun	<0.001		

Table 8.8-156: PEC$_{gw}$ for CGA 357261 and its metabolites on apples I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (middle)	Chateaudun	<0.001	<0.001	0.005	0.005	3.376	3.034
	Hamburg	<0.001	<0.001	0.028	0.022	8.932	5.257
	Jokioinen	<0.001	<0.001	0.001	0.002	6.914	5.654
	Kremsmuenster	<0.001	<0.001	0.012	0.012	3.064	3.287
	Okehampton	<0.001	<0.001	0.012	0.018	2.644	2.939
	Piacenza	<0.001	<0.001	0.005	0.018	2.314	1.982
	Porto	<0.001	<0.001	0.004	0.008	1.774	1.767
	Sevilla	<0.001	<0.001	0.005	0.001	3.471	2.480
	Thiva	<0.001	<0.001	0.003	0.001	3.041	2.126
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		1.561	

Table 8.8-157: PEC$_{gw}$ for CGA 357261 and its metabolites on apples I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	

	Châteaudun	<0.001		

Table 8.8-158: PEC$_{gw}$ for CGA 357261 and its metabolites on apples I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (late)	Chateaudun	<0.001	<0.001	0.008	0.007	3.253	3.082
	Hamburg	<0.001	<0.001	0.071	0.062	7.757	5.173
	Jokioinen	<0.001	<0.001	0.004	0.006	7.394	6.151
	Kremsmuenster	<0.001	<0.001	0.016	0.016	3.106	3.420
	Okehampton	<0.001	<0.001	0.038	0.051	3.411	3.749
	Piacenza	<0.001	<0.001	0.044	0.064	3.271	2.784
	Porto	<0.001	<0.001	0.044	0.079	1.994	2.462
	Sevilla	<0.001	<0.001	0.007	0.002	2.579	3.528
	Thiva	<0.001	<0.001	0.012	0.004	3.043	2.981
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.003		2.825	

Table 8.8-159: PEC$_{gw}$ for CGA 357261 and its metabolites on apples I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	

	Châteaudun	<0.001		

Table 8.8-160: PEC$_{gw}$ for CGA 357261 and its metabolites on apples II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163 [1]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (early)	Chateaudun	<0.001	<0.001	0.015	0.019	6.186	5.266
	Hamburg	<0.001	<0.001	0.026	0.021	11.49	6.201
	Jokioinen	<0.001	<0.001	0.002	0.003	9.894	8.341
	Kremsmuenster	<0.001	<0.001	0.016	0.018	4.194	4.664
	Okehampton	<0.001	<0.001	0.018	0.035	3.586	3.926
	Piacenza	<0.001	<0.001	0.012	0.047	3.260	3.461
	Porto	<0.001	<0.001	0.002	0.012	1.930	2.121
	Sevilla	<0.001	<0.001	0.015	0.003	5.587	4.384
	Thiva	<0.001	<0.001	0.005	0.003	4.614	3.564
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		2.351	

[1] For uses in member states requiring the Hamburg scenario an adaptation of the GAP is proposed to one application (use 52 and 107) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change would be covered by Apples I. The results of the Hamburg scenario are therefore not considered in section 10.

Table 8.8-161: PEC$_{gw}$ for CGA 357261 and its metabolites on apples II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				

	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-162: PEC$_{gw}$ for CGA 357261 and its metabolites on apples II (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357261		**CGA 373466**		**NOA 413163** [1]	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples II (middle)	Chateaudun	<0.001	<0.001	0.009	0.008	4.667	4.119
	Hamburg	<0.001	<0.001	0.044	0.038	12.04	6.959
	Jokioinen	<0.001	<0.001	0.002	0.003	9.238	7.590
	Kremsmuenster	<0.001	<0.001	0.022	0.022	4.140	4.386
	Okehampton	<0.001	<0.001	0.018	0.028	3.532	3.909
	Piacenza	<0.001	<0.001	0.009	0.030	3.207	2.637
	Porto	<0.001	<0.001	0.006	0.011	2.297	2.294
	Sevilla	<0.001	<0.001	0.009	0.001	4.817	3.362
	Thiva	<0.001	<0.001	0.005	0.001	4.155	2.886
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		<0.001		2.075	

[1] For uses in member states requiring the Hamburg scenario an adaptation of the GAP is proposed to one application (use 52 and 107) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change would be covered by Apples I. The results of the Hamburg scenario are therefore not considered in section 10.

Table 8.8-163: PEC$_{gw}$ for CGA 357261 and its metabolites on apples II (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples II (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				

	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-164: PEC$_{gw}$ for CGA 357261 and its metabolites on apples II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466 [1]		NOA 413163 [2]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (late)	Chateaudun	<0.001	<0.001	0.015	0.014	4.571	4.390
	Hamburg	<0.001	<0.001	0.111	0.097	10.17	6.781
	Jokioinen	<0.001	<0.001	0.007	0.010	9.434	8.071
	Kremsmuenster	<0.001	<0.001	0.020	0.021	4.119	4.545
	Okehampton	<0.001	<0.001	0.068	0.092	4.588	5.101
	Piacenza	<0.001	<0.001	0.060	0.107	4.155	3.708
	Porto	<0.001	<0.001	0.077	0.147	2.664	3.278
	Sevilla	<0.001	<0.001	0.015	0.004	3.379	4.825
	Thiva	<0.001	<0.001	0.022	0.010	4.095	3.926
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.010		4.171	

[1] For uses in member states requiring the Hamburg scenario an adaptation of the GAP is proposed to one application (use 52 and 107) to avoid an exceedance of the parametric gw limit of 0.1 µg/L. The resulting change would be covered by Apples I. The results of the Hamburg scenario are therefore not considered in section 10.

[2] For uses in member states requiring the Hamburg scenario an adaptation of the GAP is proposed to one application (use 52 and 107) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change would be covered by Apples I. The results of the Hamburg scenario are therefore not considered in section 10.

Table 8.8-165: PEC$_{gw}$ for CGA 357261 and its metabolites on apples II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Apples II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				

	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-166: PEC$_{gw}$ for trifloxystrobin and its metabolite on apples I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-167: PEC$_{gw}$ for trifloxystrobin and its metabolite on apples I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				

	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-168: PEC$_{gw}$ for trifloxystrobin and its metabolite on apples I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×65% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-169: PEC$_{gw}$ for trifloxystrobin and its metabolite on apples II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples II (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				

	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-170: PEC$_{gw}$ for trifloxystrobin and its metabolite on apples II (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples II (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-171: PEC$_{gw}$ for trifloxystrobin and its metabolite on apples II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×65% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Apples II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				

	Kremsmuenster	<0.001	<0.001				
	Okehampton	<0.001	<0.001				
	Piacenza	<0.001	0.001				
	Porto	<0.001	0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Cabbage

Table 8.8-172: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Cabbage I (early)	Chateaudun	<0.001	<0.001	0.333	0.297	1.330	1.199
	Hamburg	<0.001	<0.001	0.764	0.756	2.781	2.380
	Jokioinen	<0.001	<0.001	0.406	0.371	3.541	3.292
	Kremsmuenster	<0.001	<0.001	0.583	0.611	1.349	1.505
	Porto	<0.001	<0.001	0.289	0.404	0.748	0.760
	Sevilla	<0.001	<0.001	0.061	0.043	0.484	0.436
	Thiva	<0.001	<0.001	0.308	0.263	1.236	1.123
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.319		0.618	

Table 8.8-173: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Cabbage I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				

	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-174: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 70% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Cabbage I (late)	Chateaudun	<0.001	<0.001	0.195	0.158	0.569	0.505
	Hamburg	<0.001	<0.001	0.471	0.482	1.075	1.067
	Kremsmuenster	<0.001	<0.001	0.287	0.299	0.572	0.633
	Porto	<0.001	<0.001	0.346	0.418	0.380	0.413
	Sevilla	<0.001	<0.001	0.053	0.032	0.417	0.380
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.231		0.538	

Table 8.8-175: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 70% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Cabbage I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.001	0.002				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-176: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (early) [1]	Chateaudun	<0.001	<0.001	0.660	0.581	2.683	2.433
	Hamburg	<0.001	<0.001	1.532	1.523	5.677	4.833
	Jokioinen	<0.001	<0.001	0.818	0.752	7.278	6.750
	Kremsmuenster	<0.001	<0.001	1.169	1.227	2.740	3.046
	Porto	<0.001	<0.001	0.567	0.812	1.525	1.550
	Sevilla	<0.001	<0.001	0.125	0.088	0.992	0.895
	Thiva	<0.001	<0.001	0.635	0.554	2.501	2.301
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.632		1.252	

[1] Cabbage II (early) is not relevant for uses 142, 148, 161-163 and 205. The application window of the respective uses is covered by Cabbagge II (late).

Table 8.8-177: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (early) [1]	Chateaudun	<0.001	<0.001				
	Hamburg	0.003	0.005				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

[1] Cabbage II (early) is not relevant for uses 142, 148, 161-163 and 205. The application window of the respective uses is covered by Cabbagge II (late).

Table 8.8-178: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (late)	Chateaudun	<0.001	<0.001	0.393	0.317	1.163	1.028
	Hamburg	<0.001	<0.001	0.936	0.973	2.192	2.159
	Kremsmuenster	<0.001	<0.001	0.576	0.601	1.162	1.289
	Porto	<0.001	<0.001	0.741	0.889	0.781	0.858
	Sevilla	<0.001	<0.001	0.102	0.060	0.845	0.764
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.524		1.143	

Table 8.8-179: PEC$_{gw}$ for trifloxystrobin and its metabolites on cabbage II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-180: PEC$_{gw}$ for CGA 357261 and its metabolites on cabbage I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage I (early)	Chateaudun	<0.001	<0.001	<0.001	0.001	2.605	2.309

	Hamburg	<0.001	<0.001	0.010	0.010	5.205	4.551
	Jokioinen	<0.001	<0.001	<0.001	0.001	6.246	5.885
	Kremsmuenster	<0.001	<0.001	0.005	0.006	2.735	2.975
	Porto	<0.001	<0.001	0.001	0.004	1.221	1.422
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.755	0.723
	Thiva	<0.001	<0.001	0.002	0.002	3.024	2.573
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.005		1.486	

Table 8.8-181: **PEC_{gw} for CGA 357261 and its metabolites on cabbage I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception**

Crop	**Scenario**	**80th percentile PEC_{gw} at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Cabbage I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-182: **PEC_{gw} for CGA 357261 and its metabolites on cabbage I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 70% interception**

Crop	**Scenario**	**80th percentile PEC_{gw} at 1 m soil depth (µg/L)**					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Cabbage I (late)	Chateaudun	<0.001	<0.001	<0.001	<0.001	1.198	1.039
	Hamburg	<0.001	<0.001	0.014	0.012	2.173	2.194
	Kremsmuenster	<0.001	<0.001	0.003	0.004	1.184	1.295
	Porto	<0.001	<0.001	0.012	0.028	0.935	1.011
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.990	0.875
		MACRO		**MACRO**		**MACRO**	

	Châteaudun	<0.001	0.004	1.155

Table 8.8-183: PEC_{gw} for CGA 357261 and its metabolites on cabbage I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 70% interception

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-184: PEC_{gw} for CGA 357261 and its metabolites on cabbage II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163 [1]	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (early) [2]	Chateaudun	<0.001	<0.001	0.003	0.002	5.370	4.725
	Hamburg	<0.001	<0.001	0.030	0.028	10.77	9.361
	Jokioinen	<0.001	<0.001	0.004	0.004	13.00	12.11
	Kremsmuenster	<0.001	<0.001	0.019	0.019	5.628	6.113
	Porto	<0.001	<0.001	0.004	0.011	2.519	2.913
	Sevilla	<0.001	<0.001	<0.001	<0.001	1.566	1.521
	Thiva	<0.001	<0.001	0.009	0.008	6.303	5.435
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.024		3.035	

[1] For uses in member states requiring the Hamburg and Jokioinen scenario an adaptation of the GAP is proposed to one application (use 150, 158, 159 and 205) to avoid an exceedance of the parametric gw limit of 10 µg/L. The resulting change would be covered by Cabbage I. The results of the Hamburg and Jokioinen scenario from Cabbage II early are therefore not considered in section 10.

[2] Cabbage II (early) is not relevant for uses 142, 148, 161-163 and 205. The application window of the respective uses is covered by Cabbagge II (late).

Table 8.8-185: PEC$_{gw}$ for CGA 357261 and its metabolites on cabbage II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (early) [1]	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

[1] Cabbage II (early) is not relevant for uses 142, 148, 161-163 and 205. The application window of the respective uses is covered by Cabbagge II (late).

Table 8.8-186: PEC$_{gw}$ for CGA 357261 and its metabolites on cabbage II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (late)	Chateaudun	<0.001	<0.001	0.002	0.001	2.533	2.198
	Hamburg	<0.001	<0.001	0.041	0.039	4.559	4.578
	Kremsmuenster	<0.001	<0.001	0.011	0.012	2.447	2.669
	Porto	<0.001	<0.001	0.045	0.077	1.978	2.129
	Sevilla	<0.001	<0.001	<0.001	<0.001	1.997	1.746
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.016		2.476	

Table 8.8-187: PEC$_{gw}$ for CGA 357261 and its metabolites on cabbage II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-188: PEC$_{gw}$ for trifloxystrobin and its metabolite on cabbage I (early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 25% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-189: PEC$_{gw}$ for trifloxystrobin and its metabolite on cabbage I (late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 70% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-190: PEC$_{gw}$ for trifloxystrobin and its metabolite on cabbage II (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×25% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (early) [1]	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

[1] Cabbage II (early) is not relevant for uses 142, 148, 161-163 and 205. The application window of the respective uses is covered by Cabbagge II (late).

Table 8.8-191: PEC$_{gw}$ for trifloxystrobin and its metabolite on cabbage II (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×70% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Cabbage II (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Strawberry & Tobacco

Table 8.8-192: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Strawberries (200g/ha, BBCH 40-89, early)	Hamburg	<0.001	<0.001	0.877	0.866	3.525	2.545
	Jokioinen	<0.001	<0.001	0.348	0.341	3.150	2.946
	Kremsmuenster	<0.001	<0.001	0.688	0.746	1.588	1.831
	Sevilla	<0.001	<0.001	0.037	0.033	0.389	0.248
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-193: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Strawberries (200g/ha, BBCH 40-89, early)	Hamburg	0.002	0.003				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-194: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Strawberries (200g/ha, BBCH 40-89, late)	Hamburg	<0.001	<0.001	1.350	1.370	4.051	3.149
	Jokioinen	<0.001	<0.001	0.459	0.495	3.180	3.025
	Kremsmuenster	<0.001	<0.001	0.845	0.919	1.837	1.970
	Sevilla	<0.001	<0.001	0.112	0.104	1.092	0.924
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-195: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Strawberries (200g/ha, BBCH 40-89, late)	Hamburg	0.003	0.005				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				

	Sevilla	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-196: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 50% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Tobacco I (200g/ha, BBCH 11-39, early)	Piacenza	<0.001	<0.001	0.345	0.499	0.712	0.809
	Thiva	<0.001	<0.001	0.102	0.069	0.503	0.352
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-197: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 50% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Tobacco I (200g/ha, BBCH 11-39, early)	Piacenza	<0.001	0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-198: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Tobacco I (200g/ha, BBCH	Piacenza	<0.001	<0.001	0.088	0.113	0.157	0.165
	Thiva	<0.001	<0.001	0.034	0.024	0.138	0.112

11-39, late)		**MACRO**		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-199: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Tobacco I (200g/ha, BBCH 11-39, late)	Piacenza	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-200: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Strawberries (200g/ha, BBCH 40-89, early)	Hamburg	<0.001	<0.001	0.012	0.012	6.887	4.640
	Jokioinen	<0.001	<0.001	<0.001	0.001	5.679	5.492
	Kremsmuenster	<0.001	<0.001	0.007	0.008	3.250	3.774
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.530	0.390
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-201: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Strawberries	Hamburg	<0.001	<0.001				

(200g/ha, BBCH 40-89, early)	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-202: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Strawberries (200g/ha, BBCH 40-89, late)	Hamburg	<0.001	<0.001	0.056	0.046	8.530	6.722
	Jokioinen	<0.001	<0.001	0.002	0.003	5.917	6.020
	Kremsmuenster	<0.001	<0.001	0.017	0.021	3.946	4.184
	Sevilla	<0.001	<0.001	<0.001	<0.001	2.739	2.088
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-203: PEC$_{gw}$ for trifloxystrobin and its metabolites on strawberries (200g/ha, BBCH 40-89, late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Strawberries (200g/ha, BBCH 40-89, late)	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-204: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 50% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Tobacco I (200g/ha, BBCH 11-39, early)	Piacenza	<0.001	<0.001	0.003	0.010	1.335	1.634
	Thiva	<0.001	<0.001	<0.001	<0.001	0.889	0.567
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-205: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 50% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Tobacco I (200g/ha, BBCH 11-39, early)	Piacenza	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-206: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Tobacco I (200g/ha, BBCH 11-39, late)	Piacenza	<0.001	<0.001	<0.001	0.001	0.301	0.334
	Thiva	<0.001	<0.001	<0.001	<0.001	0.284	0.214
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-207: PEC$_{gw}$ for trifloxystrobin and its metabolites on tobacco I (200g/ha, BBCH 11-39, late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Tobacco I (200g/ha, BBCH 11-39, late)	Piacenza	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-208: PEC$_{gw}$ for trifloxystrobin and its metabolite on strawberries (200g/ha, BBCH 40-89, early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Strawberries (200g/ha, BBCH 40-89, early)	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-209: PEC$_{gw}$ for trifloxystrobin and its metabolite on strawberries (200g/ha, BBCH 40-89, late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Strawberries (200g/ha, BBCH 40-89, late)	Hamburg	<0.001	<0.001				
	Jokioinen	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Sevilla	<0.001	<0.001				

		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-210: **PEC$_{gw}$ for trifloxystrobin and its metabolite on tobacco I (200g/ha, BBCH 11-39, early) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 50% interception**

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Tobacco I (200g/ha, BBCH 11-39, early)	Piacenza	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-211: **PEC$_{gw}$ for trifloxystrobin and its metabolite on tobacco I (200g/ha, BBCH 11-39, late) (with FOCUS PEARL/PELMO/MACRO) – 1×200 g a.s./ha, 90% interception**

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Tobacco I (200g/ha, BBCH 11-39, late)	Piacenza	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Vines & Bushberry I-III

Table 8.8-212: **PEC$_{gw}$ for trifloxystrobin and its metabolites on vines I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval**

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines I (early)	Chateaudun	<0.001	<0.001	0.606	0.615	1.606	1.450

	Hamburg	<0.001	<0.001	0.693	0.781	1.839	2.093
	Kremsmuenster	<0.001	<0.001	0.514	0.645	1.027	1.357
	Piacenza	<0.001	<0.001	0.441	0.607	0.928	0.965
	Porto	<0.001	<0.001	0.238	0.371	0.613	0.711
	Sevilla	<0.001	<0.001	0.373	0.245	0.959	0.786
	Thiva	<0.001	<0.001	0.217	0.250	0.778	0.882
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.294		0.675	

Table 8.8-213: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.002				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.001	0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-214: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines I (middle)	Chateaudun	<0.001	<0.001	0.647	0.549	1.535	1.307
	Hamburg	<0.001	<0.001	0.857	0.915	2.033	2.308
	Kremsmuenster	<0.001	<0.001	0.637	0.770	1.140	1.375
	Piacenza	<0.001	<0.001	0.694	0.697	1.119	0.984
	Porto	<0.001	<0.001	0.370	0.449	0.855	0.963

	Sevilla	<0.001	<0.001	0.341	0.196	0.945	0.751
	Thiva	<0.001	<0.001	0.242	0.172	0.808	0.799
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.300		0.799	

Table 8.8-215: **PEC$_{gw}$ for trifloxystrobin and its metabolites on vines I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval**

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.002	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-216: **PEC$_{gw}$ for trifloxystrobin and its metabolites on vines I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval**

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines I (late)	Chateaudun	<0.001	<0.001	0.495	0.523	0.942	0.975
	Hamburg	<0.001	<0.001	0.641	0.745	1.129	1.277
	Kremsmuenster	<0.001	<0.001	0.423	0.533	0.690	0.862
	Piacenza	<0.001	<0.001	0.574	0.652	0.822	0.813
	Porto	<0.001	<0.001	0.407	0.542	0.589	0.740
	Sevilla	<0.001	<0.001	0.382	0.213	0.591	0.582
	Thiva	<0.001	<0.001	0.312	0.309	0.635	0.854
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.295		0.813	

Table 8.8-217: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.002				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.001	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-218: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines II	Chateaudun	<0.001	<0.001	0.602	0.557	1.544	1.350
	Hamburg	<0.001	<0.001	0.739	0.844	1.942	2.177
	Kremsmuenster	<0.001	<0.001	0.576	0.711	1.065	1.352
	Piacenza	<0.001	<0.001	0.480	0.612	0.993	0.921
	Porto	<0.001	<0.001	0.250	0.337	0.673	0.742
	Sevilla	<0.001	<0.001	0.347	0.217	0.956	0.762
	Thiva	<0.001	<0.001	0.244	0.209	0.814	0.836
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.220		0.614	

Table 8.8-219: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines II	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.002				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.001	0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-220: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (early)	Chateaudun	<0.001	<0.001	0.614	0.620	1.610	1.462
	Hamburg	<0.001	<0.001	0.689	0.779	1.820	2.081
	Kremsmuenster	<0.001	<0.001	0.511	0.643	1.027	1.353
	Piacenza	<0.001	<0.001	0.448	0.608	0.925	0.969
	Porto	<0.001	<0.001	0.239	0.378	0.608	0.713
	Sevilla	<0.001	<0.001	0.379	0.249	0.965	0.791
	Thiva	<0.001	<0.001	0.215	0.256	0.776	0.889
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.275		0.672	

Table 8.8-221: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.002				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.001	0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-222: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (middle)	Chateaudun	<0.001	<0.001	0.642	0.548	1.522	1.301
	Hamburg	<0.001	<0.001	0.837	0.885	2.022	2.288
	Kremsmuenster	<0.001	<0.001	0.624	0.757	1.126	1.362
	Piacenza	<0.001	<0.001	0.674	0.682	1.097	0.961
	Porto	<0.001	<0.001	0.358	0.439	0.839	0.942
	Sevilla	<0.001	<0.001	0.343	0.196	0.949	0.756
	Thiva	<0.001	<0.001	0.244	0.174	0.808	0.805
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.298		0.811	

Table 8.8-223: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.002	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-224: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (late)	Chateaudun	<0.001	<0.001	0.457	0.535	0.943	0.982
	Hamburg	<0.001	<0.001	0.642	0.722	1.095	1.246
	Kremsmuenster	<0.001	<0.001	0.398	0.496	0.681	0.854
	Piacenza	<0.001	<0.001	0.536	0.665	0.762	0.808
	Porto	<0.001	<0.001	0.460	0.620	0.585	0.723
	Sevilla	<0.001	<0.001	0.309	0.151	0.576	0.560
	Thiva	<0.001	<0.001	0.308	0.347	0.648	0.837
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.290		0.823	

Table 8.8-225: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.002				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.001	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-226: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (early)	Jokioinen	<0.001	<0.001	0.335	0.339	2.428	2.329
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-227: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (early)	Jokioinen	<0.001	<0.001				

		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-228: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Bushberries I (middle)	Jokioinen	<0.001	<0.001	0.370	0.376	2.554	2.500
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-229: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Bushberries I (middle)	Jokioinen	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-230: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Bushberries I (late)	Jokioinen	<0.001	<0.001	0.294	0.306	1.543	1.464
		MACRO		**MACRO**		**MACRO**	

	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-231: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-232: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries II	Jokioinen	<0.001	<0.001	0.350	0.349	2.467	2.370
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-233: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries II	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-234: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (early)	Jokioinen	<0.001	<0.001	0.334	0.336	2.414	2.307
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-235: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-236: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (middle)	Jokioinen	<0.001	<0.001	0.364	0.370	2.544	2.484
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-237: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-238: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (late)	Jokioinen	<0.001	<0.001	0.291	0.299	1.529	1.447
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-239: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-240: PEC$_{gw}$ for CGA 357261 and its metabolites on vines I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (early)	Chateaudun	<0.001	<0.001	0.004	0.006	3.191	3.000
	Hamburg	<0.001	<0.001	0.012	0.016	3.561	4.008
	Kremsmuenster	<0.001	<0.001	0.008	0.012	2.081	2.777
	Piacenza	<0.001	<0.001	0.005	0.018	1.686	2.017
	Porto	<0.001	<0.001	<0.001	0.004	1.089	1.332
	Sevilla	<0.001	<0.001	0.002	0.001	1.914	1.545
	Thiva	<0.001	<0.001	<0.001	<0.001	1.585	1.758
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.010		1.620	

Table 8.8-241: PEC$_{gw}$ for CGA 357261 and its metabolites on vines I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-242: PEC$_{gw}$ for CGA 357261 and its metabolites on vines I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (middle)	Chateaudun	<0.001	<0.001	0.005	0.003	3.081	2.672
	Hamburg	<0.001	<0.001	0.022	0.024	4.193	4.585
	Kremsmuenster	<0.001	<0.001	0.016	0.022	2.423	2.865
	Piacenza	<0.001	<0.001	0.014	0.017	2.264	1.966
	Porto	<0.001	<0.001	0.003	0.005	1.649	1.784
	Sevilla	<0.001	<0.001	0.001	<0.001	1.899	1.416
	Thiva	<0.001	<0.001	<0.001	<0.001	1.631	1.452
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.001		1.931	

Table 8.8-243: PEC$_{gw}$ for CGA 357261 and its metabolites on vines I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-244: PEC$_{gw}$ for CGA 357261 and its metabolites on vines I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (late)	Chateaudun	<0.001	<0.001	0.005	0.005	1.856	2.014
	Hamburg	<0.001	<0.001	0.025	0.028	2.315	2.726
	Kremsmuenster	<0.001	<0.001	0.009	0.012	1.438	1.797
	Piacenza	<0.001	<0.001	0.024	0.031	1.928	1.948
	Porto	<0.001	<0.001	0.009	0.022	1.315	1.625
	Sevilla	<0.001	<0.001	0.006	0.001	1.233	1.247
	Thiva	<0.001	<0.001	0.003	0.002	1.496	1.999
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.003		1.797	

Table 8.8-245: PEC$_{gw}$ for CGA 357261 and its metabolites on vines I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-246: PEC$_{gw}$ for CGA 357261 and its metabolites on vines II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines II	Chateaudun	<0.001	<0.001	0.004	0.003	3.111	2.726
	Hamburg	<0.001	<0.001	0.017	0.019	3.870	4.195
	Kremsmuenster	<0.001	<0.001	0.011	0.015	2.165	2.734
	Piacenza	<0.001	<0.001	0.005	0.013	1.936	1.838
	Porto	<0.001	<0.001	<0.001	0.002	1.190	1.346
	Sevilla	<0.001	<0.001	0.002	<0.001	1.913	1.464
	Thiva	<0.001	<0.001	<0.001	<0.001	1.653	1.643
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		1.514	

Table 8.8-247: PEC$_{gw}$ for CGA 357261 and its metabolites on vines II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines II	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-248: PEC$_{gw}$ for CGA 357261 and its metabolites on vines III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (early)	Chateaudun	<0.001	<0.001	0.005	0.006	3.202	3.018
	Hamburg	<0.001	<0.001	0.012	0.016	3.541	3.964
	Kremsmuenster	<0.001	<0.001	0.008	0.013	2.068	2.791
	Piacenza	<0.001	<0.001	0.005	0.021	1.707	2.036
	Porto	<0.001	<0.001	<0.001	0.004	1.079	1.343
	Sevilla	<0.001	<0.001	0.002	0.001	1.923	1.552
	Thiva	<0.001	<0.001	<0.001	0.001	1.577	1.777
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.004		1.617	

Table 8.8-249: PEC$_{gw}$ for CGA 357261 and its metabolites on vines III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-250: PEC$_{gw}$ for CGA 357261 and its metabolites on vines III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (middle)	Chateaudun	<0.001	<0.001	0.005	0.003	3.074	2.678
	Hamburg	<0.001	<0.001	0.020	0.022	4.191	4.505
	Kremsmuenster	<0.001	<0.001	0.014	0.020	2.361	2.870
	Piacenza	<0.001	<0.001	0.013	0.017	2.215	1.941
	Porto	<0.001	<0.001	0.002	0.005	1.612	1.745
	Sevilla	<0.001	<0.001	0.001	<0.001	1.896	1.434
	Thiva	<0.001	<0.001	<0.001	<0.001	1.641	1.488
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.002		1.966	

Table 8.8-251: PEC$_{gw}$ for CGA 357261 and its metabolites on vines III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-252: PEC$_{gw}$ for CGA 357261 and its metabolites on vines III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (late)	Chateaudun	<0.001	<0.001	0.004	0.005	1.869	2.034
	Hamburg	<0.001	<0.001	0.025	0.027	2.218	2.602
	Kremsmuenster	<0.001	<0.001	0.007	0.009	1.404	1.768
	Piacenza	<0.001	<0.001	0.026	0.037	1.816	1.752
	Porto	<0.001	<0.001	0.013	0.036	1.318	1.638
	Sevilla	<0.001	<0.001	0.005	0.001	1.207	1.104
	Thiva	<0.001	<0.001	0.004	0.002	1.461	1.948
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.004		1.799	

Table 8.8-253: PEC$_{gw}$ for CGA 357261 and its metabolites on vines III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-254: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (early)	Jokioinen	<0.001	<0.001	<0.001	0.001	4.546	4.199
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-255: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-256: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (middle)	Jokioinen	<0.001	<0.001	<0.001	0.002	4.893	4.563
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-257: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-258: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (late)	Jokioinen	<0.001	<0.001	0.001	0.002	2.897	2.714
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-259: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-260: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries II	Jokioinen	<0.001	<0.001	<0.001	0.001	4.653	4.281
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-261: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries II	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-262: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (early)	Jokioinen	<0.001	<0.001	<0.001	0.001	4.511	4.156
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-263: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-264: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (middle)	Jokioinen	<0.001	<0.001	<0.001	0.001	4.868	4.516
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-265: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-266: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (late)	Jokioinen	<0.001	<0.001	0.001	0.002	2.828	2.672
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-267: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-268: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines I (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				

		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-269: **PEC_{gw} for trifloxystrobin and its metabolite on vines I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval**

Crop	**Scenario**	**80^{th} percentile PEC_{gw} at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines I (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-270: **PEC_{gw} for trifloxystrobin and its metabolite on vines I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval**

Crop	**Scenario**	**80^{th} percentile PEC_{gw} at 1 m soil depth (µg/L)**					
		CGA 381318					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines I (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-271: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines II	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-272: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-273: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-274: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines III (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-275: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries I (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-276: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries I (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-277: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries I (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries I (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-278: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries II (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 21 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries II	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-279: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries III (early) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-280: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries III (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-281: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries III (late) (with FOCUS PEARL/PELMO/MACRO) – 2×150 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries III (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Vines & Bushberry IV-V

Table 8.8-282: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (early)	Chateaudun	<0.001	<0.001	1.021	1.082	2.703	2.484
	Hamburg	<0.001	<0.001	1.127	1.259	3.021	3.459
	Kremsmuenster	<0.001	<0.001	0.834	1.059	1.729	2.264
	Piacenza	<0.001	<0.001	0.721	1.048	1.553	1.659
	Porto	<0.001	<0.001	0.393	0.653	1.008	1.197
	Sevilla	<0.001	<0.001	0.635	0.421	1.616	1.333
	Thiva	<0.001	<0.001	0.344	0.441	1.314	1.504
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.440		1.175	

Table 8.8-283: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.003	0.004				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.002	0.003				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-284: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (middle)	Chateaudun	<0.001	<0.001	0.856	0.731	2.039	1.742
	Hamburg	<0.001	<0.001	1.116	1.181	2.711	3.066
	Kremsmuenster	<0.001	<0.001	0.832	1.010	1.508	1.827
	Piacenza	<0.001	<0.001	0.898	0.909	1.472	1.287
	Porto	<0.001	<0.001	0.477	0.585	1.123	1.262
	Sevilla	<0.001	<0.001	0.458	0.262	1.271	1.012
	Thiva	<0.001	<0.001	0.325	0.232	1.082	1.080
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.398		1.087	

Table 8.8-285: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.003	0.003				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.002	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-286: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (late)	Chateaudun	<0.001	<0.001	0.610	0.713	1.263	1.317
	Hamburg	<0.001	<0.001	0.856	0.963	1.467	1.670
	Kremsmuenster	<0.001	<0.001	0.530	0.662	0.913	1.144
	Piacenza	<0.001	<0.001	0.715	0.886	1.022	1.082
	Porto	<0.001	<0.001	0.613	0.827	0.784	0.969
	Sevilla	<0.001	<0.001	0.412	0.202	0.770	0.750
	Thiva	<0.001	<0.001	0.411	0.463	0.868	1.122
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.386		1.105	

Table 8.8-287: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.002	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-288: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (early)	Chateaudun	<0.001	<0.001	0.808	0.820	2.155	1.944
	Hamburg	<0.001	<0.001	0.923	1.041	2.465	2.806
	Kremsmuenster	<0.001	<0.001	0.685	0.861	1.377	1.821
	Piacenza	<0.001	<0.001	0.588	0.809	1.245	1.294
	Porto	<0.001	<0.001	0.317	0.494	0.821	0.951
	Sevilla	<0.001	<0.001	0.498	0.327	1.286	1.054
	Thiva	<0.001	<0.001	0.289	0.333	1.044	1.182
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.391		0.908	

Table 8.8-289: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (early)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.001	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-290: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (middle)	Chateaudun	<0.001	<0.001	0.863	0.732	2.056	1.751
	Hamburg	<0.001	<0.001	1.143	1.220	2.725	3.093
	Kremsmuenster	<0.001	<0.001	0.849	1.027	1.527	1.841
	Piacenza	<0.001	<0.001	0.925	0.929	1.502	1.316
	Porto	<0.001	<0.001	0.494	0.598	1.145	1.289
	Sevilla	<0.001	<0.001	0.455	0.262	1.266	1.006
	Thiva	<0.001	<0.001	0.323	0.229	1.083	1.071
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.400		1.071	

Table 8.8-291: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	0.003	0.004				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.002	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-292: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (late)	Chateaudun	<0.001	<0.001	0.615	0.703	1.260	1.314
	Hamburg	<0.001	<0.001	0.853	0.973	1.484	1.677
	Kremsmuenster	<0.001	<0.001	0.553	0.695	0.917	1.146
	Piacenza	<0.001	<0.001	0.733	0.879	1.047	1.080
	Porto	<0.001	<0.001	0.589	0.793	0.786	0.974
	Sevilla	<0.001	<0.001	0.428	0.230	0.775	0.742
	Thiva	<0.001	<0.001	0.426	0.447	0.862	1.125
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.358		1.027	

Table 8.8-293: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (late)	Chateaudun	<0.001	<0.001				
	Hamburg	0.002	0.003				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	0.002	0.002				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-294: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (early)	Jokioinen	<0.001	<0.001	0.556	0.560	4.088	3.881
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-295: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (early)	Jokioinen	<0.001	<0.001				

		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-296: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Bushberries IV (middle)	Jokioinen	<0.001	<0.001	0.485	0.494	3.431	3.332
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-297: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Bushberries IV (middle)	Jokioinen	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	not relevant					

Table 8.8-298: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		**CGA 321113**		**NOA 413161**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Bushberries IV (late)	Jokioinen	<0.001	<0.001	0.387	0.399	2.064	1.947
		MACRO		**MACRO**		**MACRO**	

	Châteaudun	not relevant	not relevant	not relevant

Table 8.8-299: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-300: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (early)	Jokioinen	<0.001	<0.001	0.446	0.452	3.264	3.121
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-301: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-302: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (middle)	Jokioinen	<0.001	<0.001	0.494	0.501	3.443	3.360
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-303: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-304: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (late)	Jokioinen	<0.001	<0.001	0.387	0.404	2.069	1.956
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-305: PEC$_{gw}$ for trifloxystrobin and its metabolites on bushberries V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-306: PEC$_{gw}$ for CGA 357261 and its metabolites on vines IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (early)	Chateaudun	<0.001	<0.001	0.011	0.016	5.390	5.175
	Hamburg	<0.001	<0.001	0.023	0.031	5.952	6.581
	Kremsmuenster	<0.001	<0.001	0.017	0.027	3.472	4.700
	Piacenza	<0.001	<0.001	0.010	0.046	2.970	3.558
	Porto	<0.001	<0.001	0.001	0.010	1.843	2.375
	Sevilla	<0.001	<0.001	0.006	0.001	3.249	2.661
	Thiva	<0.001	<0.001	<0.001	0.001	2.609	3.062
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.005		2.826	

Table 8.8-307: PEC$_{gw}$ for CGA 357261 and its metabolites on vines IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				

	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-308: PEC$_{gw}$ for CGA 357261 and its metabolites on vines IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines IV (middle)	Chateaudun	<0.001	<0.001	0.008	0.004	4.137	3.603
	Hamburg	<0.001	<0.001	0.032	0.033	5.668	6.063
	Kremsmuenster	<0.001	<0.001	0.023	0.031	3.170	3.876
	Piacenza	<0.001	<0.001	0.021	0.027	2.979	2.612
	Porto	<0.001	<0.001	0.004	0.008	2.172	2.357
	Sevilla	<0.001	<0.001	0.002	<0.001	2.560	1.934
	Thiva	<0.001	<0.001	<0.001	<0.001	2.215	2.012
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.004		2.645	

Table 8.8-309: PEC$_{gw}$ for CGA 357261 and its metabolites on vines IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines IV (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				

	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-310: PEC_{gw} for CGA 357261 and its metabolites on vines IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC_{gw} at 1 m soil depth (µg/L)**					
		CGA 357261		**CGA 373466**		**NOA 413163**	
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines IV (late)	Chateaudun	<0.001	<0.001	0.007	0.009	2.518	2.742
	Hamburg	<0.001	<0.001	0.040	0.043	2.990	3.508
	Kremsmuenster	<0.001	<0.001	0.012	0.015	1.897	2.383
	Piacenza	<0.001	<0.001	0.040	0.057	2.453	2.368
	Porto	<0.001	<0.001	0.021	0.057	1.776	2.197
	Sevilla	<0.001	<0.001	0.008	0.001	1.631	1.493
	Thiva	<0.001	<0.001	0.006	0.004	1.977	2.632
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001		0.006		2.414	

Table 8.8-311: PEC_{gw} for CGA 357261 and its metabolites on vines IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	**Scenario**	**80th percentile PEC_{gw} at 1 m soil depth (µg/L)**					
		NOA 409480					
		PEARL	**PELMO**	**PEARL**	**PELMO**	**PEARL**	**PELMO**
Vines IV (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		**MACRO**		**MACRO**	
	Châteaudun	<0.001					

Table 8.8-312: PEC$_{gw}$ for CGA 357261 and its metabolites on vines V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (early)	Chateaudun	<0.001	<0.001	0.007	0.009	4.316	4.045
	Hamburg	<0.001	<0.001	0.018	0.024	4.810	5.394
	Kremsmuenster	<0.001	<0.001	0.012	0.018	2.797	3.750
	Piacenza	<0.001	<0.001	0.008	0.029	2.284	2.721
	Porto	<0.001	<0.001	<0.001	0.006	1.468	1.793
	Sevilla	<0.001	<0.001	0.003	0.001	2.585	2.086
	Thiva	<0.001	<0.001	<0.001	0.001	2.139	2.374
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.015		2.184	

Table 8.8-313: PEC$_{gw}$ for CGA 357261 and its metabolites on vines V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-314: PEC$_{gw}$ for CGA 357261 and its metabolites on vines V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (middle)	Chateaudun	<0.001	<0.001	0.008	0.004	4.159	3.602
	Hamburg	<0.001	<0.001	0.034	0.036	5.673	6.172
	Kremsmuenster	<0.001	<0.001	0.025	0.034	3.255	3.859
	Piacenza	<0.001	<0.001	0.022	0.027	3.045	2.643
	Porto	<0.001	<0.001	0.004	0.008	2.229	2.410
	Sevilla	<0.001	<0.001	0.002	<0.001	2.563	1.910
	Thiva	<0.001	<0.001	<0.001	<0.001	2.201	1.964
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.002		2.596	

Table 8.8-315: PEC$_{gw}$ for CGA 357261 and its metabolites on vines V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-316: PEC$_{gw}$ for CGA 357261 and its metabolites on vines V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (late)	Chateaudun	<0.001	<0.001	0.007	0.008	2.489	2.725
	Hamburg	<0.001	<0.001	0.040	0.044	3.029	3.535
	Kremsmuenster	<0.001	<0.001	0.014	0.018	1.910	2.394
	Piacenza	<0.001	<0.001	0.040	0.053	2.486	2.436
	Porto	<0.001	<0.001	0.019	0.051	1.781	2.172
	Sevilla	<0.001	<0.001	0.008	0.001	1.659	1.509
	Thiva	<0.001	<0.001	0.006	0.003	1.995	2.636
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.006		2.242	

Table 8.8-317: PEC$_{gw}$ for CGA 357261 and its metabolites on vines V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-318: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (early)	Jokioinen	<0.001	<0.001	0.002	0.002	7.714	7.092
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-319: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-320: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (middle)	Jokioinen	<0.001	<0.001	0.002	0.002	6.587	6.106
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-321: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-322: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (late)	Jokioinen	<0.001	<0.001	0.002	0.003	3.833	3.611
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-323: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-324: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (early)	Jokioinen	<0.001	<0.001	0.001	0.002	6.152	5.677
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-325: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-326: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (middle)	Jokioinen	<0.001	<0.001	0.002	0.003	6.621	6.171
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-327: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-328: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (late)	Jokioinen	<0.001	<0.001	0.002	0.003	3.869	3.626
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant		not relevant		not relevant	

Table 8.8-329: PEC$_{gw}$ for CGA 357261 and its metabolites on bushberries V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-330: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-331: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-332: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines IV (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-333: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-334: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-335: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines V (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-336: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries IV (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×50% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-337: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries IV (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-338: PEC$_{gw}$ for trifloxystrobin and its metabolite on bushberries IV (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 7 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries IV (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-339: PEC_{gw} for trifloxystrobin and its metabolite on bushberries V (early) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80^{th} percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (early)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-340: PEC_{gw} for trifloxystrobin and its metabolite on bushberries V (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80^{th} percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (middle)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Table 8.8-341: PEC_{gw} for trifloxystrobin and its metabolite on bushberries V (late) (with FOCUS PEARL/PELMO/MACRO) – 2×200 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80^{th} percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Bushberries V (late)	Jokioinen	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	not relevant					

Vines VII

Table 8.8-342: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines VII (early) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (early)	Chateaudun	<0.001	<0.001	0.202	0.205	0.522	0.473
	Hamburg	<0.001	<0.001	0.231	0.260	0.600	0.679
	Kremsmuenster	<0.001	<0.001	0.171	0.215	0.336	0.441
	Piacenza	<0.001	<0.001	0.147	0.202	0.302	0.315
	Porto	<0.001	<0.001	0.079	0.124	0.200	0.234
	Sevilla	<0.001	<0.001	0.124	0.082	0.314	0.256
	Thiva	<0.001	<0.001	0.072	0.083	0.253	0.288
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.098		0.217	

Table 8.8-343: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines VII (early) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-344: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines VII (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (middle)	Chateaudun	<0.001	<0.001	0.216	0.183	0.501	0.428
	Hamburg	<0.001	<0.001	0.286	0.305	0.663	0.753
	Kremsmuenster	<0.001	<0.001	0.212	0.257	0.373	0.450
	Piacenza	<0.001	<0.001	0.231	0.232	0.364	0.322
	Porto	<0.001	<0.001	0.123	0.150	0.279	0.315
	Sevilla	<0.001	<0.001	0.114	0.065	0.309	0.246
	Thiva	<0.001	<0.001	0.081	0.057	0.264	0.260
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.100		0.261	

Table 8.8-345: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines VII (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-346: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines VII (late) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		Trifloxystrobin		CGA 321113		NOA 413161	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (late)	Chateaudun	<0.001	<0.001	0.166	0.166	0.306	0.313
	Hamburg	<0.001	<0.001	0.211	0.249	0.373	0.433
	Kremsmuenster	<0.001	<0.001	0.147	0.184	0.228	0.284
	Piacenza	<0.001	<0.001	0.216	0.230	0.282	0.271
	Porto	<0.001	<0.001	0.135	0.178	0.193	0.241
	Sevilla	<0.001	<0.001	0.137	0.067	0.204	0.237
	Thiva	<0.001	<0.001	0.100	0.087	0.209	0.277
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.096		0.248	

Table 8.8-347: PEC$_{gw}$ for trifloxystrobin and its metabolites on vines VII (late) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357276					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-348: PEC$_{gw}$ for CGA 357261 and its metabolites on vines VII (early) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (early)	Chateaudun	<0.001	<0.001	<0.001	0.001	1.008	0.956
	Hamburg	<0.001	<0.001	0.002	0.003	1.132	1.283
	Kremsmuenster	<0.001	<0.001	0.001	0.002	0.672	0.880
	Piacenza	<0.001	<0.001	<0.001	0.003	0.535	0.642
	Porto	<0.001	<0.001	<0.001	0.001	0.348	0.427
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.608	0.487
	Thiva	<0.001	<0.001	<0.001	<0.001	0.502	0.556
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		0.002		0.517	

Table 8.8-349: PEC$_{gw}$ for CGA 357261 and its metabolites on vines VII (early) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-350: PEC$_{gw}$ for CGA 357261 and its metabolites on vines VII (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (middle)	Chateaudun	<0.001	<0.001	<0.001	<0.001	0.985	0.853
	Hamburg	<0.001	<0.001	0.004	0.005	1.318	1.472
	Kremsmuenster	<0.001	<0.001	0.002	0.004	0.784	0.917
	Piacenza	<0.001	<0.001	0.002	0.003	0.728	0.633
	Porto	<0.001	<0.001	<0.001	0.001	0.519	0.563
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.603	0.451
	Thiva	<0.001	<0.001	<0.001	<0.001	0.512	0.457
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		0.617	

Table 8.8-351: PEC$_{gw}$ for CGA 357261 and its metabolites on vines VII (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-352: PEC$_{gw}$ for CGA 357261 and its metabolites on vines VII (late) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 357261		CGA 373466		NOA 413163	
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (late)	Chateaudun	<0.001	<0.001	<0.001	0.001	0.599	0.636
	Hamburg	<0.001	<0.001	0.004	0.005	0.773	0.912
	Kremsmuenster	<0.001	<0.001	0.001	0.002	0.476	0.587
	Piacenza	<0.001	<0.001	0.005	0.007	0.653	0.661
	Porto	<0.001	<0.001	0.001	0.004	0.420	0.516
	Sevilla	<0.001	<0.001	<0.001	<0.001	0.436	0.525
	Thiva	<0.001	<0.001	<0.001	<0.001	0.482	0.624
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001		<0.001		0.534	

Table 8.8-353: PEC$_{gw}$ for CGA 357261 and its metabolites on vines VII (late) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		NOA 409480					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-354: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines VII (early) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (early)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-355: PEC$_{gw}$ for trifloxystrobin and its metabolite on vines VII (middle) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×60% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC$_{gw}$ at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (middle)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Table 8.8-356: PEC_{gw} for trifloxystrobin and its metabolite on vines VII (late) (with FOCUS PEARL/PELMO/MACRO) – 2×50 g a.s./ha, 2×75% interception, 14 d app. interval

Crop	Scenario	80th percentile PEC_{gw} at 1 m soil depth (µg/L)					
		CGA 381318					
		PEARL	PELMO	PEARL	PELMO	PEARL	PELMO
Vines VII (late)	Chateaudun	<0.001	<0.001				
	Hamburg	<0.001	<0.001				
	Kremsmuenster	<0.001	<0.001				
	Piacenza	<0.001	<0.001				
	Porto	<0.001	<0.001				
	Sevilla	<0.001	<0.001				
	Thiva	<0.001	<0.001				
		MACRO		MACRO		MACRO	
	Châteaudun	<0.001					

Conclusion for predicted environmental concentrations in groundwater

An EU standard FOCUS PECgw simulation was made based on the FOCUS standard parameters and scenario conditions of the models PEARL/PELMO/MACRO.

The model(s) predict that the active substance trifloxystrobin will not be found in ground water at concentrations greater than 0.1µg/ if the product is applied according to the use patterns. However, the metabolites CGA 321113, NOA 413163, NOA 413161 exceed the EU threshold value of 0.1 µg/L for the intended uses of the present formulation. The relevance assessment is presented in the Part B.10, considering only groundwater scenarios of relevance for the concerned member states. For NOA 413163 exceedances of the parametric limit value of 10 µg/L in groundwater were predicted in different groundwater scenarios. Since this is not acceptable in all member states, the repsective PECgw values were not considered in Part B10. Instead an adaptation of the GAP is proposed, indicated in Part B0.

zRMS comments:

Evaluator agrees with modelling carried out by applicant.
The input parameters for trifloxystrobin used for groundwater calculation were established in the EU reviews (EFSA Journal 2017;15(10):4989.

Interception is appropriate to the proposed BBCH of crops (EFSA guidance was published, (2014;12(5):3662).
In simulations PUF value of 0 was assumed for all compounds, in line with recommendations of the most recent version of the FOCUS Groundwater Guidance. The geomean of the DT_{50} and K_{foc} values were used in modelling.

The results of the leaching models PEARL 4.4.4 and PELMO 5.5.3 trifloxystrobin and metabolite CGA 357276 and CGA 381318 show that when used according to the intended use in GAP leach in acceptable amounts to groundwater in every scenarios, since all PEC_{GW} were found to be under the limit of 0.1 µg/L.
However, the metabolites CGA 321113, NOA 413161 exceed the EU limit of 0.1 µg/L for the intended uses of the present formulation. The relevance assessment according to SANCO/221/2000 –rev.10 is presented in the

Part B.10, considering only groundwater scenarios of relevance for the concerned member states.
For metabolite NOA 413163 exceedances of the parametric limit value of 10 µg/L in groundwater were predicted in different groundwater scenarios. Since this is not acceptable in all member states, the repsective PECgw values were not considered in Part B10.

Mentioned metabolites are of no ecotoxicological concern, however toxicological relevance has to be addressed by unit authorised for evaluation in this area with consideration of following maximum concentrations.

Nevertheless, additional simulations may be required by the sMS that do+ not accept calculations performed using FOCUS models.

8.9 Predicted Environmental Concentrations in surface water (PEC_{sw}) (KCP 9.2.5)

8.9.1 Justification for new endpoints

Fluopyram

Table 8.9-1: Justification for new endpoints

Compound	Parameter	EU Endpoint	Used endpoint	Justification
Fluopyram	Saturated vapour pressure (Pa):	1.2×10^{-6}	0	Vp set to 0 Pa, here, as DT_{50} soil was derived from a field study, where the influence of vapour pressure is already reflected
	DT_{50} in soil (d)	123.1	123.05	Minor deviation due to using non-rounded value

Trifloxystrobin

The modelling input parameters for trifloxystrobin and relevant metabolites do not deviate from EU agreed endpoints, they can be found in the List of Endpoints or various parts of the RAR.

Not all input parameters were included under the respective sections for the exposure assessments in Appendix A (list of end points). However, the information can be found in other sections of the List of endpoints or the RAR. Furthermore, discrepancies in the Appendix A were noted for several metabolite input parameters. In the following sections all missing metabolite input parameters are presented including its source. Furthermore, discrepancies are highlighted and corrections according to the results of the EU review are proposed.

PEC surface water and PEC sediment (Regulation (EU) N° 284/2013, Annex PART A, point 9.2.5 / 9.3.1)

The following table was adapted from Appendix A. Missing information that is available in the RAR or Appendix A and relevant for modelling was included and highlighted in green. The source is indicated as a footnote. Modelling input values for the maximum metabolite occurrence was selected from the available studies (laboratory and field - please see justification made for PEC soil input parameter). Data that is considered to be inconsistent within the Appendix A was corrected (highlighted in red) and the source indicated as a footnote.

The following order was considered (tier 1 selected below, tier 2 anticipated for refinement):
1. maximum occurrence at laboratory conditions (tier 1)
2. maximum occurrence at field conditions after soil incorporation of Trifloxystrobin (tier 2)
3. maximum occurrence at field conditions in presence of light after soil surface application of Trifloxystrobin (tier 2)

The part below was adapted from page 73 (PECsw) and page 112 (PECsed) of AnnexPART A:

Parent Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 408.4 Water solubility (mg/L): 0.61 Koc (mL/g): 2287 DT_{50} soil (d): 0.52 days[1] DT_{50} water/sediment system (d): 1.69 (geomean from

	sediment water studies) DT_{50} water (d): 1.69 (total system value) DT_{50} sediment (d): 1.69 (total system value) Maximum occurrence observed Total Water and Sediment (%): 100[2]
Parent Parameters used in FOCUSsw step 3 (if performed)	Molecular weight (g/mol): 408.4[3] Water solubility (mg/L): 0.61 at pH 4-10 and 25°C Vapour pressure: 0 Pa at 20°C (default) Crop uptake factor: 0 Koc (mL/g): 2287 1/n:0.96 DT_{50} soil (d): 0.52 days[1] DT_{50} water (d): 1.69 (total system value) DT_{50} sediment (d): 1000 (default) Q10=2.58, Walker equation coefficient 0.7
The part below was adapted from page 105 (PECsw) and 112 (PEC sed) of AnnexPART A:	
CGA 321113 Parameters used in FOCUSsw and sediment step 1 and 2	Molecular weight (g/mol): 394.4 Water solubility (mg/L): 21000 Koc (mL/g): 116.19 DT_{50} soil (d): 48.1 days DT_{50} water/sediment system (d): 388 (total system value) DT_{50} water (d): 388 (total system value) DT_{50} sediment (d): 388 (total system value) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 100 Soil: 96.8[2]
The part below was adapted from page 105 (PECsw) of AnnexPART A:	
CGA 373466 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 394.4[3] Water solubility (mg/L): 250000[4] Koc (mL/g): 75.7[4] DT_{50} soil (d): 22.1 days[1] DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 34.7[5] (photolysis) Soil: 42.5[2]
NOA 413161 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 424.3[3] Water solubility (mg/L): 290000[4] Koc (mL/g): 3.3[4] DT_{50} soil (d): 36.1 days[1] DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 0[5] (not major degradation product in aquatic systems) Soil: 13.6[2]
NOA 413163 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 424.3[3] Water solubility (mg/L): 63000[4] Koc (mL/g): 6[4] DT_{50} soil (d): 41.7 days[1] DT_{50} water/sediment system (d): 1000 (default

	DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 0[5] (not major degradation product in aquatic systems) Soil: 6.0[2]
CGA 107170 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 188.4 Water solubility (mg/L): 620 Koc (mL/g): 0 (worst case) DT_{50} soil (d): 1000 (default) DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 53.8[5] (photolysis, not major degradation product in aquatic systems) Soil: 0[1]
The part below was adapted from page 106 of AnnexPART A:	
CGA 357262 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 408.4 Water solubility (mg/L): 0.6[3] Koc (mL/g): 0 (worst case) DT_{50} soil (d): 1000 (default) DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 10.1 (photolysis, not major degradation product in aquatic systems) Soil: 0
CGA 357262 Parameters used in FOCUSsw step 3 (if performed)	Molecular weight (g/mol): 408.4[3] Water solubility (mg/L): 0.6 at 25°C[3] Vapour pressure: 0 Pa at 20°C (default) Crop uptake factor: 0 Koc (mL/g): 0 (worst case) 1/n=1 (default) DT_{50} soil (d): 1000 (default) Formation fraction in soil: 0 (not major degradation product in soil) DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 10.1 (photolysis, not major degradation product in aquatic systems) Q10=2.58, Walker equation coefficient 0.7
The part below was adapted from page 108 of AnnexPART A:	
NOA 409480 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 318.3[3] Water solubility (mg/L): 2.6[4] Koc (mL/g): 2348[4] DT_{50} soil (d): 42.5 days[4] DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default)

	Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 0 (not major degradation product in aquatic systems) Soil: 9.3
NOA 409480 Parameters used in FOCUSsw step 3 (if performed)	Molecular weight (g/mol): 318.3[3] Water solubility (mg/L): 2.6 at pH 6 and 20°C[4] Vapour pressure: 0 Pa at 20°C (default) Crop uptake factor: 0 Koc (mL/g): 2348[4] 1/n=0.863 DT_{50} soil (d): 42.5 days[4] Formation fraction in soil from CGA 373466: 0.028[4] DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 0 (not major degradation product in aquatic systems) Q10=2.58, Walker equation coefficient 0.7

The part below was adapted from page 109 of AnnexPART A:

CGA 357261 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 408.4 Water solubility (mg/L): 4 Koc (mL/g): 484 DT_{50} soil (d): 0.26 days[1] DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 51.5 Soil: 15.5[2]
CGA 357261 Parameters used in FOCUSsw step 3 (if performed)	Molecular weight (g/mol): 408.4 Water solubility (mg/L): 4 Vapour pressure: 0 Pa at 20°C (default) Crop uptake factor: 0 Koc (mL/g): 484 1/n=0.994 DT_{50} soil (d): 0.26 days[1] Formation fraction in soil: 1 formed from parent[1] DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 51.5 Q10=2.58, Walker equation coefficient 0.7

The part below was adapted from page 111 of AnnexPART A:

CGA 357276 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 318.3 Water solubility (mg/L): 0.6 Koc (mL/g): 8075 DT_{50} soil (d): 51.5 days DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with

	respect to the parent) Total Water and Sediment: 10.4[5] (hydrolysis) Soil: 5.6[2]
CGA 357276 Parameters used in FOCUSsw step 3 (if performed)	Molecular weight (g/mol): 318.3 Water solubility (mg/L): 0.6 at pH 6.2 and 20°C Vapour pressure: 0 Pa at 20°C (default) Crop uptake factor: 0 Koc (mL/g): 8074 1/n=0.877 DT_{50} soil (d): 51.5 days Formation fraction in soil: 0.0542 formed from CGA 321113 DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 10.4[5] (hydrolysis) Q10=2.58, Walker equation coefficient 0.7
The part below was adapted from page 113 of AnnexPART A:	
CGA 381318 Parameters used in FOCUSsw step 1 and 2	Molecular weight (g/mol): 394.4[3] Water solubility (mg/L): 21000[4] Koc (mL/g): 76.5[4] DT_{50} soil (d): 19.4 days[1] DT_{50} water/sediment system (d): 1000 (default DT_{50} water (d): 1000 (default) DT_{50} sediment (d): 1000 (default) Maximum occurrence observed (% molar basis with respect to the parent) Total Water and Sediment: 0[5] (not major degradation product in aquatic systems) Soil: 6.2[2]

[1]Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table “Combined laboratory and field kinetic endpoints for modelling (when not from different populations)”
[2] table 7.1.2 /03-1 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1
[3] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP)
[4]Appendix A to EFSA Journal 2017;15(10):4989 (page 62), PEC ground water (Regulation (EU) N° 284/2013, Appendix A, point 9.2.4.1)
[5] table 7.1.2 /03-2 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

8.9.2 Active substance(s), relevant metabolite(s) and the formulation (KCP 9.2.5)

PEC_{sw} reports provided by the applicant are listed in Appendix 3.3.

Table 8.9-2: Input parameters related to application for $PEC_{SW/SED}$ calculations

Use No.	3, 4, 61, 62, 122, 123, 170-174, 184-188, 214, 215	6, 9, 12, 14, 17, ~~20~~, 19, 169	1	~~5-11~~,7, 8, 10, 13, 15, 16, 60, 226-239

Crop	Field beans I (covering: asparagus, garden cress, flower tubers, ornamentals)	Field beans II (covering: beans, nurseries)	Field beans III (covering: asparagus)	Field beans IV (covering: baby leaf crops, beans, garden cress, strawberries)
Application rate (kg a.s./ha)	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.2 Trifloxystrobin: 0.2
Number of applications / interval (d)	1 / -	2 / 14	2 / 10	2 / 7
Application window (relevant for STEP 1 and 2 only)	March - May October – February	March - May June - September	March - May October – February	June - September October – February
Application method	Ground spray			
CAM (Chemical application method)	2	2	2	2
Soil depth (cm)	4	4	4	4
Models used for calculation	FOCUS STEPS 1+2 version 3.2 FOCUS SWASH v5.3, FOCUS PRZM v4.3.1, FOCUS MACRO v5.5.4, FOCUS TOXWA v5.5.3 SWAN tool, version 5.0.1			

Use No.	175, 176, 179, 180, 183	177, 178, 181, 182	47, 48	49-51
Crop	Legumes I (covering: peas)	Legumes II (covering: peas)	Sugar beets I (covering: celeriac)	Sugar beets II (covering: chicory)
Application rate (kg a.s./ha)	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.125 Trifloxystrobin: 0.125	Fluopyram: 0.2 Trifloxystrobin: 0.2
Number of applications / interval (d)	2 / 7	2 / 14	2 / 14	1 / -
Application window (relevant for STEP 1 and 2 only)	March – May June - September	March - May June - September	June - September October – February	March - May October – February
Application method	Ground spray			
CAM (Chemical application method)	2	2		2
Soil depth (cm)	4	4		4
Models used for calculation	FOCUS STEPS 1+2 version 3.2 FOCUS SWASH v5.3, FOCUS PRZM v4.3.1, FOCUS MACRO v5.5.4, FOCUS TOXWA v5.5.3 SWAN tool, version 5.0.1			

Use No.	119, 121 [Modelling IDs FLU: DGR II TFS: DGR I]#	117, 118, 120 [Modelling IDs FLU: DGR I TFS: DGR II]#	
Crop	Flower bulbs I (*surrogate crop*:	Flower bulbs II (*surrogate crop*:	

	vegetables, bulb)	vegetables, bulb)	
Application rate (kg a.s./ha)	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.075 Trifloxystrobin: 0.075	
Number of applications / interval (d)	1 / -	5 / 7	
Application window (relevant for STEP 1 and 2 only)	March - May June - September October – February	March - May June - September October – February	
Application method	Ground spray		
CAM (Chemical application method)	2	2	
Soil depth (cm)	4	4	
Models used for calculation	FOCUS STEPS 1+2 version 3.2 FOCUS SWASH v5.3, FOCUS PRZM v4.3.1, FOCUS MACRO v5.5.4, FOCUS TOXWA v5.5.3 SWAN tool, version 5.0.1		

Modelling GAP ID’s are not consistent for both a.s.: DGR I for FLU is used for multiple application, DGR I for TFS is used for single application

Use No.	~~52~~, 107, 109, 242	108, 110	142, 148, ~~150~~, 158, 159, 161-163, 205, 607	112-116, 143-147, 149-152, ~~151-157~~ , 157, 160, 164, 189, 190, 206-209
Crop	Pome and stone fruit I (covering: chokeberry, elderberry, tree nursery)	Pome and stone fruit II (covering: elderberry)	Vegetables leafy I (covering: lambs lettuce, lettuce, rocket salad	Vegetables leafy II (covering: endive, lambs lettuce, lettuce, radicchio, rocket salad)
Application rate (kg a.s./ha)	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.15 Trifloxystrobin: 0.15	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.2 Trifloxystrobin: 0.2
Number of applications / interval (d)	2 / 7	2 / 14	2 / 7	1 / -
Application window (relevant for STEP 1 and 2 only)	March - May October – February	March - May October – February	March - May June - September	March - May June - September
Application method	Air blast	Air blast	Ground spray	Ground spray
CAM (Chemical application method)	2	2	2	2
Soil depth (cm)	4	4	4	4
Models used for calculation	FOCUS STEPS 1+2 version 3.2 FOCUS SWASH v5.3, FOCUS PRZM v4.3.1, FOCUS MACRO v5.5.4, FOCUS TOXWA v5.5.3 SWAN tool, version 5.0.1			

Use No.	241	141	
Crop	Tobacco I	Hops	
Application rate (kg a.s./ha)	Fluopyram: 0.2	Fluopyram: 0.15	

	Trifloxystrobin: 0.2	Trifloxystrobin: 0.15	
Number of applications / interval (d)	1 / -	2 / 14	
Application window (relevant for STEP 1 and 2 only)	March - May June - September	June - September	
Application method	Ground spray	Air blast	
CAM (Chemical application method)	2	2	
Soil depth (cm)	4	4	
Models used for calculation	FOCUS STEPS 1+2 version 3.2 FOCUS SWASH v5.3, FOCUS PRZM v4.3.1, FOCUS MACRO v5.5.4, FOCUS TOXWA v5.5.3 SWAN tool, version 5.0.1		

Use No.	24-26, 35-37, 53-55, 68, 79-81, 92-94, 128-130, 194-196	21-23, 28, 31-34, 39, 45, 57, 59, 63-67, 70, 76-78, 83, 89- 91, 96, 102, 103, ~~104,~~ 125-127, 132, 137, 165, 166, 191-193, 198, 204, 211, 213, 605, 606, 608, 609	38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 167, 168, 210, 212
Crop	Vines I (covering: blackberry, blueberry, cranberry, currant, gooseberry, raspberry)	Vines II (covering: blackberry, blueberry, cranberry, currant, dewberry, gooseberry, mulberry, raspberry, rosehip)	Vines III (covering:blueberry, cranberry, currant, dewberry, gooseberry, mulberry, rosehip)
Application rate (kg a.s./ha)	Fluopyram: 0.15 Trifloxystrobin: 0.15	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.15 Trifloxystrobin: 0.15
Number of applications / interval (d)	2 / 7	2 / 7	2 / 14
Application window (relevant for STEP 1 and 2 only)	March - May October – February	March - May October – February	March - May October – February
Application method	Air blast		
CAM (Chemical application method)	2	2	2
Soil depth (cm)	4	4	4
Models used for calculation	FOCUS STEPS 1+2 version 3.2 FOCUS SWASH v5.3, FOCUS PRZM v4.3.1, FOCUS MACRO v5.5.4, FOCUS TOXWA v5.5.3 SWAN tool, version 5.0.1		

Use No.	29, 40, 41, ~~42, 43~~, 71, 72, ~~73, 74~~, 84, 85, ~~86, 87~~, 97, 98, ~~99, 100~~, 133, ~~134~~, 135, 199, 200, ~~201, 202~~	27, 30, 105, 106, 197, 203	138, 139, 140

Crop	Vines IV (covering: blackberry, blueberry, currant, gooseberry, raspberry)	Vines V (covering: blackberry, dewberry, raspberry)	Vines VI (covering: grapes)
Application rate (kg a.s./ha)	Fluopyram: 0.2 Trifloxystrobin: 0.2	Fluopyram: 0.15 Trifloxystrobin: 0.15	Fluopyram: 0.05 Trifloxystrobin: 0.05
Number of applications / interval (d)	2 / 14	2 / 21	2 / 14
Application window (relevant for STEP 1 and 2 only)	March - May October – February	March - May	March - May October – February
Application method	Air blast		
CAM (Chemical application method)	2	2	2
Soil depth (cm)	4	4	4
Models used for calculation	FOCUS STEPS 1+2 version 3.2 FOCUS SWASH v5.3, FOCUS PRZM v4.3.1, FOCUS MACRO v5.5.4, FOCUS TOXWA v5.5.3 SWAN tool, version 5.0.1		

Table 8.9-3: FOCUS Step 3 Scenario related input parameters for $PEC_{sw/sed}$ calculations for the application of FLU + TFS SC 500

Crop	Scenario	Application window used in modelling	
		early	late
Field beans I, BBCH 11 - 95	D2	14-Nov - 14-Dec	23-Aug - 22-Sep
	D3	04-May - 03-Jun	18-Aug - 17-Sep
	D4	19-Apr - 19-May	02-Aug - 01-Sep
	D6	03-Apr - 03-May	23-May - 22-Jun
	D6 (2nd)	10-Jul - 09-Aug	07-Sep - 07-Oct
	R1	14-Apr - 14-May	02-Aug - 01-Sep
	R2	13-Mar - 12-Apr	08-Aug - 07-Sep
	R3	04-Apr - 04-May	23-May - 22-Jun
	R4	04-Apr - 04-May	23-May - 22-Jun
Field beans II, BBCH 19 - 89	D2	26-Nov - 09-Jan	30-Jul - 12-Sep
	D3	24-May - 07-Jul	26-Jul - 08-Sep
	D4	12-May - 25-Jun	10-Jul - 23-Aug
	D6	11-Apr - 25-May	01-May - 14-Jun
	D6 (2nd)	18-Jul - 31-Aug	15-Aug - 28-Sep
	R1	08-May - 21-Jun	10-Jul - 23-Aug
	R2	31-Mar - 14-May	14-Jul - 27-Aug
	R3	11-Apr - 25-May	01-May - 14-Jun
	R4	11-Apr - 25-May	01-May - 14-Jun
Field beans III, BBCH 23 - 95	D2	03-Apr - 13-May	13-Aug - 22-Sep
	D3	03-Jun - 13-Jul	08-Aug - 17-Sep
	D4	23-May - 02-Jul	23-Jul - 01-Sep
	D6	15-Apr - 25-May	13-May - 22-Jun
	D6 (2nd)	22-Jul - 31-Aug	28-Aug - 07-Oct
	R1	20-May - 29-Jun	23-Jul - 01-Sep
	R2	08-Apr - 18-May	29-Jul - 07-Sep
	R3	15-Apr - 25-May	13-May - 22-Jun
	R4	15-Apr - 25-May	13-May - 22-Jun
Field beans IV, BBCH 40 - 89	D2	18-Apr - 25-May	26-Jul - 01-Sep
	D3	23-Jun - 30-Jul	21-Jul - 27-Aug
	D4	15-Jun - 22-Jul	05-Jul - 11-Aug
	D6	22-Apr - 29-May	25-Apr - 01-Jun
	D6 (2nd)	30-Jul - 05-Sep	10-Aug - 16-Sep
	R1	13-Jun - 20-Jul	05-Jul - 11-Aug
	R2	26-Apr - 02-Jun	11-Jul - 17-Aug

Crop	**Scenario**	**Application window used in modelling**	
		early	**late**
	R3	23-Apr - 30-May	25-Apr - 01-Jun
	R4	23-Apr - 30-May	25-Apr - 01-Jun

Crop	**Scenario**	**Application window used in modelling**			
		March	**June**	**September**	**December**
Grass#	D1	01-Mar - 14-Apr	01-Jun - 15-Jul	01-Sep - 15-Oct	01-Dec - 14-Jan
	D2	01-Mar - 14-Apr	01-Jun - 15-Jul	01-Sep - 15-Oct	01-Dec - 14-Jan
	D3	01-Mar - 14-Apr	01-Jun - 15-Jul	01-Sep - 15-Oct	01-Dec - 14-Jan
	D4	01-Mar - 14-Apr	01-Jun - 15-Jul	01-Sep - 15-Oct	01-Dec - 14-Jan
	D5	01-Mar - 14-Apr	01-Jun - 15-Jul	01-Sep - 15-Oct	01-Dec - 14-Jan
	R2	01-Mar - 14-Apr	01-Jun - 15-Jul	01-Sep - 15-Oct	01-Dec - 14-Jan
	R3	01-Mar - 14-Apr	01-Jun - 15-Jul	01-Sep - 15-Oct	01-Dec - 14-Jan

#representative dates were chosen in order to cover the intended application window of all year round

Crop	**Scenario**	**Application window used in modelling**
Legumes I, BBCH 59 - 89	D3	13-Jun - 20-Jul
	D4	18-Jun - 25-Jul
	D5	28-May - 04-Jul
	D6	19-May - 25-Jun
	R1	10-Jun - 17-Jul
	R2	19-May - 25-Jun
	R3	19-May - 25-Jun
	R4	19-May - 25-Jun
Legumes II, BBCH 59 - 79	D3	13-Jun - 27-Jul
	D4	18-Jun - 01-Aug
	D5	28-May - 11-Jul
	D6	19-May - 02-Jul
	R1	10-Jun - 24-Jul
	R2	19-May - 02-Jul
	R3	19-May - 02-Jul
	R4	19-May - 02-Jul

Crop	**Scenario**	**Application window used in modelling**
Sugar beets I, BBCH 39	D3	21-Jul - 03-Sep
	D4	24-Jul - 06-Sep

Crop	Scenario	Application window used in modelling
	R1	11-Jul - 24-Aug
	R3	20-Jun - 03-Aug
Sugar beets II, BBCH 13 - 49, early	D3	10-May - 09-Jun
	D4	18-May - 17-Jun
	R1	30-Apr - 30-May
	R3	04-Apr - 04-May
Sugar beets II, BBCH 13 - 49, late	D3	11-Sep - 11-Oct
	D4	18-Sep - 18-Oct
	R1	03-Sep - 03-Oct
	R3	28-Jul - 27-Aug

Crop	Scenario	Application window used in modelling		
		early	middle	late
Flower bulbs I#, BBCH 12 - 91	D3	09-May - 08-Jun	06-Jul - 05-Aug	04-Aug - 03-Sep
	D4	09-May - 08-Jun	17-Jul - 16-Aug	16-Aug - 15-Sep
	D6	21-May - 20-Jun	03-Jul - 02-Aug	03-Jul - 02-Aug
	D6 (2nd)	18-Nov - 18-Dec	13-Mar - 12-Apr	13-Mar - 12-Apr
	R1	04-May - 03-Jun	01-Jul - 31-Jul	28-Jul - 27-Aug
	R2	16-Mar - 15-Apr	17-May - 16-Jun	03-May - 02-Jun
	R3	17-Mar - 16-Apr	17-May - 16-Jun	03-May - 02-Jun
	R4	17-Mar - 16-Apr	17-May - 16-Jun	03-May - 02-Jun
Flower bulbs II#, BBCH 12 - 91	D3	09-May - 06-Jul	-	07-Jul - 03-Sep
	D4	09-May - 06-Jul	-	19-Jul - 15-Sep
	D6	21-May - 18-Jul	-	05-Jun - 02-Aug
	D6 (2nd)	18-Nov - 15-Jan	-	13-Feb - 12-Apr
	R1	04-May - 01-Jul	-	30-Jun - 27-Aug
	R2	16-Mar - 13-May	-	05-Apr - 02-Jun
	R3	17-Mar - 14-May	-	05-Apr - 02-Jun
	R4	17-Mar - 14-May	-	05-Apr - 02-Jun

Modelling GAP ID's are not consistent for both a.s.: DGR I for FLU is used for multiple application, DGR I for TFS is used for single application

Crop	Scenario	Application window used in modelling	
		early	late
Pome and stone fruit I, BBCH 12 - 91	D3	26-Apr - 02-Jun	16-Sep - 23-Oct
	D4	30-Apr - 06-Jun	16-Sep - 23-Oct
	D5	09-Apr - 16-May	27-Aug - 03-Oct

Crop	**Scenario**	**Application window used in modelling**	
		early	**late**
	R1	26-Apr - 02-Jun	16-Sep - 23-Oct
	R2	02-Apr - 09-May	17-Aug - 23-Sep
	R3	09-Apr - 16-May	01-Sep - 08-Oct
	R4	26-Mar - 02-May	01-Sep - 08-Oct
Pome and stone fruit II, BBCH 15 - 91	D3	26-Apr - 09-Jun	09-Sep - 23-Oct
	D4	30-Apr - 13-Jun	09-Sep - 23-Oct
	D5	09-Apr - 23-May	20-Aug - 03-Oct
	R1	26-Apr - 09-Jun	09-Sep - 23-Oct
	R2	02-Apr - 16-May	10-Aug - 23-Sep
	R3	09-Apr - 23-May	25-Aug - 08-Oct
	R4	26-Mar - 09-May	25-Aug - 08-Oct
Vegetables leafy I, BBCH 12 - 49	D3	04-May - 10-Jun	06-Jun - 13-Jul
	D3 (2nd)	13-Aug - 19-Sep	06-Sep - 13-Oct
	D4	25-May - 01-Jul	13-Aug - 19-Sep
	D6	25-Aug - 01-Oct	17-Oct - 23-Nov
	R1	29-Apr - 05-Jun	01-Jun - 08-Jul
	R1 (2nd)	08-Aug - 14-Sep	01-Sep - 08-Oct
	R2	16-Mar - 22-Apr	18-May - 24-Jun
	R2 (2nd)	07-Aug - 13-Sep	02-Oct - 08-Nov
	R3	14-Mar - 20-Apr	18-Apr - 25-May
	R3 (2nd)	28-Jun - 04-Aug	02-Aug - 08-Sep
	R4	14-Mar - 20-Apr	18-Apr - 25-May
	R4 (2nd)	28-Jun - 04-Aug	02-Aug - 08-Sep
Vegetables leafy II, BBCH 12 - 49	D3	04-May - 03-Jun	13-Jun - 13-Jul
	D3 (2nd)	13-Aug - 12-Sep	13-Sep - 13-Oct
	D4	25-May - 24-Jun	20-Aug - 19-Sep
	D6	25-Aug - 24-Sep	24-Oct - 23-Nov
	R1	29-Apr - 29-May	08-Jun - 08-Jul
	R1 (2nd)	08-Aug - 07-Sep	08-Sep - 08-Oct
	R2	16-Mar - 15-Apr	25-May - 24-Jun
	R2 (2nd)	07-Aug - 06-Sep	09-Oct - 08-Nov
	R3	14-Mar - 13-Apr	25-Apr - 25-May
	R3 (2nd)	28-Jun - 28-Jul	09-Aug - 08-Sep
	R4	14-Mar - 13-Apr	25-Apr - 25-May
	R4 (2nd)	28-Jun - 28-Jul	09-Aug - 08-Sep

Crop	Scenario	Application window used in modelling
Tobacco I, BBCH 11 - 39	R3	23-May - 22-Jun
Hops, BBCH 37 - 79, early	R1	27-Jun - 10-Aug
Hops, BBCH 37 - 79, late	D4	16-Jul - 29-Aug

Crop	Scenario	Application window used in modelling		
		early	middle	late
Vines I & II, early: BBCH 15 middle: BBCH 65 late: BBCH 89 (FOCUS crop: vines, late)	D6	17-Feb - 26-Mar	16-Apr - 23-May	27-Sep - 03-Nov
	R1	29-Apr - 05-Jun	18-Jun - 25-Jul	16-Sep - 23-Oct
	R2	08-Apr - 15-May	08-Jul - 14-Aug	17-Aug - 23-Sep
	R3	22-Apr - 29-May	11-Jul - 17-Aug	18-Sep - 25-Oct
	R4	02-Apr - 09-May	28-Jun - 04-Aug	07-Aug - 13-Sep
Vines III, early: BBCH 15 middle: BBCH 65 late: BBCH 89 (FOCUS crop: vines, late)	D6	17-Feb - 02-Apr	16-Apr - 30-May	13-Sep - 27-Oct
	R1	29-Apr - 12-Jun	18-Jun - 01-Aug	02-Sep - 16-Oct
	R2	08-Apr - 22-May	08-Jul - 21-Aug	03-Aug - 16-Sep
	R3	22-Apr - 05-Jun	11-Jul - 24-Aug	04-Sep - 18-Oct
	R4	02-Apr - 16-May	28-Jun - 11-Aug	24-Jul - 06-Sep
Vines IV, early: BBCH 15 middle: BBCH 65 late: BBCH 89 (FOCUS crop: vines, late)	D6	17-Feb - 02-Apr	16-Apr - 30-May	20-Sep - 03-Nov
	R1	29-Apr - 12-Jun	18-Jun - 01-Aug	09-Sep - 23-Oct
	R2	08-Apr - 22-May	08-Jul - 21-Aug	10-Aug - 23-Sep
	R3	22-Apr - 05-Jun	11-Jul - 24-Aug	11-Sep - 25-Oct
	R4	02-Apr - 16-May	28-Jun - 11-Aug	31-Jul - 13-Sep
Vines V, BBCH 40-69 (FOCUS crop: vines, late)	D6	-	12-Mar - 02-May	-
	R1	-	19-May - 09-Jul	-
	R2	-	14-May - 04-Jul	-
	R3	-	24-May - 14-Jul	-
	R4	-	07-May - 27-Jun	-
Vines VI, early: BBCH 15 middle: BBCH 65 late: BBCH 89 (FOCUS crop: vines, late)	D6	17-Feb - 02-Apr	16-Apr - 30-May	10-Aug - 23-Sep
	R1	29-Apr - 12-Jun	18-Jun - 01-Aug	17-Aug - 30-Sep
	R2	08-Apr - 22-May	08-Jul - 21-Aug	02-Aug - 15-Sep
	R3	22-Apr - 05-Jun	11-Jul - 24-Aug	26-Aug - 09-Oct
	R4	02-Apr - 16-May	28-Jun - 11-Aug	23-Jul - 05-Sep

8.9.2.1 Fluopyram and metabolites

Table 8.9-4: Input parameters related to active substance fluopyram for $PEC_{sw/sed}$ calculations STEP 1/2 and 3/4

Compound	**Fluopyram**	**Value in accordance to EU endpoint y/n/ Reference**
Molecular weight (g/mol)	396.72	y/ EFSA Journal 2013;11(4):3052
Saturated vapour pressure (Pa)	0	n/ see justification
Water solubility (mg/L)	16	y/ EFSA Journal 2013;11(4):3052
Diffusion coefficient in water (m²/d)	4.3×10^{-5}	default
Diffusion coefficient in air (m²/d)	0.43	default
K_{foc} (mL/g)	278.9 (arithmetic mean, n = 5)	y/ EFSA Journal 2013;11(4):3052
Freundlich Exponent 1/n	0.8269 (arithmetic mean, n = 5)	y/ EFSA Journal 2013;11(4):3052
Plant Uptake	0	default
Wash-Off factor from Crop (1/mm)	0.05	default
$DT_{50,soil}$ (d)	123.05 (median, normalisation to 10 kPa or pF2, 20 °C with Q_{10} of 2.58, n =9)	n/ see justification
$DT_{50,water}$ (d)	1032 Step 1/2 1000 Step 3/4	y/ EFSA Journal 2013;11(4):3052
$DT_{50,sed}$ (d)	1000	y/ EFSA Journal 2013;11(4):3052
$DT_{50,whole\ system}$ (d)	1032	y/ EFSA Journal 2013;11(4):3052
Maximum occurrence observed (% molar basis with respect to the parent)	-	-

Fluopyram: Step 1-2

Field beans I – IV

Table 8.9-5: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (modelling use field beans I -- field beans I early -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Mar. - May(Spring)	8.60 *	RunOff	8.41	23.6 *
Southern Europe	Mar. - May(Spring)	15.7 *	RunOff	15.5	43.5 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-6: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (modelling use field beans I -- field beans I late -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	8.60 *	RunOff	8.41	23.6 *
Southern Europe	Oct. - Feb.(Autumn)	7.17 *	RunOff	6.99	19.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-7: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (modelling use field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					

Northern Europe	Mar. - May(Spring)	16.3	RunOff	16.0	44.8
Southern Europe	Mar. - May(Spring)	30.0	RunOff	29.6	83.0

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-8: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (modelling use field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.07	RunOff	7.79	21.8
Southern Europe	Jun. - Sep.(Summer)	10.8	RunOff	10.5	29.5

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-9: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (modelling use field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Mar. - May(Spring)	13.7	RunOff	13.4	37.5
Southern Europe	Mar. - May(Spring)	24.8	RunOff	24.4	68.4

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-10: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (modelling use field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	16.5	RunOff	16.1	45.2
Southern Europe	Oct. - Feb.(Autumn)	13.7	RunOff	13.4	37.5

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-11: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (modelling use field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.18	RunOff	7.90	22.2
Southern Europe	Jun. - Sep.(Summer)	11.0	RunOff	10.7	29.9

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-12: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (modelling use field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	16.6	RunOff	16.2	45.5

Southern Europe	Oct. - Feb.(Autumn)	13.8	RunOff	13.5	37.7

* Single applications are marked.

** TWA interval as required by ecotox

Legumes and Sugar beets

Table 8.9-13: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to peas (modelling use Legumes [ID: 175, 176, 179, 180, 183] -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Mar. - May(Spring)	8.18	RunOff	7.90	22.2
Southern Europe	Mar. - May(Spring)	13.8	RunOff	13.5	37.7

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-14: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to peas (modelling use Legumes [ID: 175, 176, 179, 180, 183] -- BBCH 59 - 89, summer -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.18	RunOff	7.90	22.2
Southern Europe	Jun. - Sep.(Summer)	11.0	RunOff	10.7	29.9

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-15: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to peas (modelling use Legumes [ID: 177, 178, 181, 182] -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern	Mar. -	8.07	RunOff	7.79	21.8

Europe	May(Spring)				
Southern Europe	Mar. - May(Spring)	13.6	RunOff	13.2	37.1

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-16: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to peas (modelling use Legumes [ID: 177, 178, 181, 182] -- BBCH 59 - 79, summer -- 2×200g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.07	RunOff	7.79	21.8
Southern Europe	Jun. - Sep.(Summer)	10.8	RunOff	10.5	29.5

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-17: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to celeriac (modelling use Sugar beets [ID:47, 48] -- BBCH 40 - 49, summer -- 2×125g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	63.0	RunOff	62.0	174
Step 2					
Northern Europe	Jun. - Sep.(Summer)	4.47	RunOff	4.30	12.1
Southern Europe	Jun. - Sep.(Summer)	5.90	RunOff	5.72	16.0

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-18: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to celeriac (modelling use Sugar beets [ID:47, 48] -- BBCH 40 - 49, autumn -- 2×125g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	63.0	RunOff	62.0	174
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	8.76	RunOff	8.55	24.0
Southern Europe	Oct. - Feb.(Autumn)	7.33	RunOff	7.14	20.0

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-19: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to chicory (modelling use Sugar beets [ID:49-51] -- BBCH 13 - 49, spring -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Mar. - May(Spring)	9.07 *	RunOff	8.88	24.9 *
Southern Europe	Mar. - May(Spring)	16.7 *	RunOff	16.4	46.1 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-20: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to chicory (modelling use Sugar beets [ID:49-51] -- BBCH 13 - 49, autumn -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	7.41 *	RunOff	7.23	20.3 *
Southern Europe	Oct. - Feb.(Autumn)	6.22 *	RunOff	6.05	17.0 *

* Single applications are marked.

** TWA interval as required by ecotox

Flower bulbs

Table 8.9-21: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions [ID:117, 118, 120] -- BBCH 12 - 91, spring -- 5×75g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	94.6	RunOff	93.0	261
Step 2					
Northern Europe	Mar. - May(Spring)	16.6	RunOff	16.3	45.9
Southern Europe	Mar. - May(Spring)	31.5	RunOff	31.1	87.2

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-22: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions [ID:117, 118, 120] -- BBCH 12 - 91, summer -- 5×75g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	94.6	RunOff	93.0	261
Step 2					
Northern Europe	Jun. - Sep.(Summer)	11.7	RunOff	11.4	32.1
Southern Europe	Jun. - Sep.(Summer)	16.6	RunOff	16.3	45.9

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-23: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions [ID: 119, 121] -- BBCH 12 - 91, spring -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Mar. - May(Spring)	10.0 *	RunOff	9.82	27.6 *
Southern Europe	Mar. - May(Spring)	18.6 *	RunOff	18.3	51.4 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-24: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions [ID: 119, 121] -- BBCH 12 - 91, summer -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Jun. - Sep.(Summer)	7.17 *	RunOff	6.99	19.6 *
Southern Europe	Jun. - Sep.(Summer)	10.0 *	RunOff	9.82	27.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

Table 8.9-25: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (modelling use Pome and stone fruit I -- BBCH 12-91, spring -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	136	RunOff	125	350
Step 2					
Northern Europe	Mar. - May(Spring)	42.1	Drift	39.4	110

Southern Europe	Mar. - May(Spring)	57.0	Drift	54.2	152

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-26: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (modelling use Pome and stone fruit I -- BBCH 12-91, autumn -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	118	RunOff	112	313
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	29.2	Drift	27.9	78.1
Southern Europe	Oct. - Feb.(Autumn)	25.9	Drift	24.6	69.1

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-27: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry (modelling use Pome and stone fruit II -- BBCH 15-91, spring -- 2×150g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	102	RunOff	93.7	262
Step 2					
Northern Europe	Mar. - May(Spring)	31.3	Drift	29.3	82.1
Southern Europe	Mar. - May(Spring)	42.2	Drift	40.2	113

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-28: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry (modelling use Pome and stone fruit II -- BBCH 15-91, autumn -- 2×150g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	88.6	RunOff	83.9	235
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	21.6	Drift	20.6	57.9
Southern Europe	Oct. - Feb.(Autumn)	19.2	Drift	18.3	51.2

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-29: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (modelling use Vegetable leafy [ID: 148, 150, 158, 159, 161-163, 205] -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Mar. - May(Spring)	16.6	RunOff	16.2	45.5
Southern Europe	Mar. - May(Spring)	30.5	RunOff	30.1	84.5

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-30: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (modelling use Vegetable leafy [ID: 148, 150, 158, 159, 161-163, 205] -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.2	278
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.18	RunOff	7.90	22.2

Southern Europe	Jun. - Sep.(Summer)	11.0	RunOff	10.7	29.9

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-31: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (modelling use Vegetable leafy [ID: 112-116, 147, 149, 151-154 155-157, 160, 164, 189, 190, 206-209] -- BBCH 12-49, early -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Mar. - May(Spring)	8.60 *	RunOff	8.41	23.6 *
Southern Europe	Mar. - May(Spring)	15.7 *	RunOff	15.5	43.5 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-32: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (modelling use Vegetable leafy [ID: 112-116, 147, 149, 151-154 155-157, 160, 164, 189, 190, 206-209] -- BBCH 12-49, late -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Jun. - Sep.(Summer)	4.32 *	RunOff	4.16	11.7 *
Southern Europe	Jun. - Sep.(Summer)	5.75 *	RunOff	5.58	15.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Tobacco and Hops

Table 8.9-33: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to tobacco (modelling use Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Mar. - May(Spring)	9.07 *	RunOff	8.88	24.9 *
Southern Europe	Mar. - May(Spring)	16.7 *	RunOff	16.4	46.1 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-34: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to tobacco (modelling use Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	50.4	RunOff	49.6	139
Step 2					
Northern Europe	Jun. - Sep.(Summer)	4.32 *	RunOff	4.16	11.7 *
Southern Europe	Jun. - Sep.(Summer)	5.75 *	RunOff	5.58	15.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-35: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to hops (modelling use Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	92.2	RunOff	86.5	242
Step 2					
Northern Europe	Jun. - Sep.(Summer)	21.0	Drift	19.6	54.9
Southern Europe	Jun. - Sep.(Summer)	24.4	Drift	23.0	64.4

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

Table 8.9-36: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines I -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	75.6	RunOff	74.4	209
Step 2					
Northern Europe	Mar. - May(Spring)	10.4	RunOff	10.1	28.4
Southern Europe	Mar. - May(Spring)	18.8	RunOff	18.5	51.8

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-37: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines I -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	80.9	RunOff	78.2	219
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	19.7	RunOff	19.0	53.3
Southern Europe	Oct. - Feb.(Autumn)	16.9	RunOff	16.2	45.6

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-38: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines II -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.1	278

Step 2					
Northern Europe	Mar. - May(Spring)	13.8	RunOff	13.5	37.9
Southern Europe	Mar. - May(Spring)	25.0	RunOff	24.6	69.1

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-39: **FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines II -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.)**

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	108	RunOff	104	293
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	26.2	RunOff	25.4	71.1
Southern Europe	Oct. - Feb.(Autumn)	22.5	RunOff	21.7	60.7

* Single applications are marked.
** TWA interval as required by ecotox

Vines III – IV

Table 8.9-40: **FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines III -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.)**

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	75.6	RunOff	74.4	209
Step 2					
Northern Europe	Mar. - May(Spring)	10.2	RunOff	9.97	28.0
Southern Europe	Mar. - May(Spring)	18.4	RunOff	18.1	50.9

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-41: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines III -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	80.9	RunOff	78.2	219
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	19.4	RunOff	18.7	52.6
Southern Europe	Oct. - Feb.(Autumn)	16.6	RunOff	16.0	44.9

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-42: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines IV -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	101	RunOff	99.1	278
Step 2					
Northern Europe	Mar. - May(Spring)	13.6	RunOff	13.3	37.3
Southern Europe	Mar. - May(Spring)	24.6	RunOff	24.2	67.9

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-43: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines IV -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	108	RunOff	104	293
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	25.8	RunOff	25.0	70.1
Southern Europe	Oct. - Feb.(Autumn)	22.2	RunOff	21.4	59.9

* Single applications are marked.
** TWA interval as required by ecotox

Vines V

Table 8.9-44: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines V -- BBCH 40-69, spring -- 2×150g a.s./ha, 21d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	80.9	RunOff	78.2	219
Step 2					
Northern Europe	Mar. - May(Spring)	11.0	Drift	10.5	29.3
Southern Europe	Mar. - May(Spring)	16.4	RunOff	15.8	44.3

* Single applications are marked.
** TWA interval as required by ecotox

Vines VI

Table 8.9-45: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI -- BBCH 15 - 85, spring -- 2×50g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	25.2	RunOff	24.8	69.5
Step 2					
Northern Europe	Mar. - May(Spring)	3.40	RunOff	3.32	9.32
Southern Europe	Mar. - May(Spring)	6.15	RunOff	6.05	17.0

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-46: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI -- BBCH 15 - 85, autumn -- 2×50g a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	27.0	RunOff	26.1	73.2

Step 2					
Northern Europe	Oct. - Feb.(Autumn)	6.46	RunOff	6.25	17.5
Southern Europe	Oct. - Feb.(Autumn)	5.54	RunOff	5.34	15.0

* Single applications are marked.

** TWA interval as required by ecotox

Step 3

Field beans I – IV

Table 8.9-47: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (modelling use field beans I -- field beans (early) -- 0.2 kg a.s./ha)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D2	Ditch	14.5 *	Drainage	6.80	41.6 *
D2	Stream	9.11 *	Drainage	4.03	25.2 *
D3	Ditch	1.05 *	Spray drift	0.060	0.525 *
D4	Pond	0.932 *	Drainage	0.904	5.41 *
D4	Stream	0.954 *	Drainage	0.608	2.03 *
D6	Ditch	1.06 *	Spray drift	0.167	0.868 *
D6	Ditch 2nd	1.24 *	Drainage	0.262	1.42 *
R1	Pond	0.178 *	RunOff	0.159	1.05 *
R1	Stream	2.05 *	RunOff	0.105	0.749 *
R2	Stream	1.23 *	RunOff	0.113	1.55 *
R3	Stream	3.32 *	RunOff	0.174	1.81 *
R4	Stream	5.45 *	RunOff	0.303	2.47 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-48: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (modelling use field beans I -- field beans (late) -- 0.2 kg a.s./ha)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D2	Ditch	7.67 *	Drainage	2.88	20.8 *
D2	Stream	4.85 *	Drainage	1.70	12.9 *
D3	Ditch	1.05 *	Spray drift	0.097	0.691 *
D4	Pond	1.37 *	Drainage	1.33	7.44 *
D4	Stream	1.43 *	Drainage	0.894	2.88 *
D6	Ditch	1.06 *	Spray drift	0.293	1.40 *
D6	Ditch 2nd	3.13 *	Drainage	0.602	2.88 *
R1	Pond	0.107 *	RunOff	0.098	0.837 *
R1	Stream	1.51 *	RunOff	0.053	0.453 *

R2	Stream	0.975 *	Spray drift	0.067	2.13 *
R3	Stream	1.75 *	RunOff	0.079	0.651 *
R4	Stream	0.768 *	RunOff	0.041	0.581 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-49: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (modelling use field beans II -- field beans, BBCH 19 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	35.0	Drainage	15.9	77.0
D2	Stream	21.9	Drainage	9.42	46.8
D3	Ditch	1.05 *	Spray drift	0.063	0.576
D4	Pond	1.76	Drainage	1.71	9.64
D4	Stream	1.82	Drainage	1.15	3.61
D6	Ditch	1.28	Spray drift	0.322	1.65
D6	Ditch 2nd	2.92	Drainage	0.647	3.20
R1	Pond	0.466	RunOff	0.414	2.72
R1	Stream	3.37	RunOff	0.151	2.39
R2	Stream	1.81	Spray drift	0.079	1.63
R3	Stream	4.30	RunOff	0.265	2.12 *
R4	Stream	5.26	RunOff	0.352	2.81

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-50: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (modelling use field beans II -- field beans II, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	16.4	Drainage	7.79	36.4
D2	Stream	10.3	Drainage	4.45	22.4
D3	Ditch	1.05 *	Spray drift	0.085	0.743
D4	Pond	2.14	Drainage	2.08	11.3
D4	Stream	2.20	Drainage	1.40	4.24

D6	Ditch	1.40		Spray drift	0.349	1.80	
D6	Ditch 2nd	5.29		Drainage	1.11	5.07	
R1	Pond	0.166		RunOff	0.148	1.22	
R1	Stream	2.43	*	RunOff	0.072	1.13	*
R2	Stream	1.18		Spray drift	0.148	3.44	
R3	Stream	3.18		RunOff	0.172	1.28	
R4	Stream	3.93		RunOff	0.346	1.80	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-51: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (modelling use field beans III -- field beans III, BBCH 23 -- 2×0.2 kg a.s./ha, 10d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	18.5		Drainage	8.80	46.6	
D2	Stream	11.7		Drainage	4.58	24.5	
D3	Ditch	1.05	*	Spray drift	0.115	0.633	
D4	Pond	1.83		Drainage	1.78	9.94	
D4	Stream	1.89		Spray drift	1.20	3.73	
D6	Ditch	1.20		Spray drift	0.303	1.54	
D6	Ditch 2nd	3.22		Drainage	0.716	3.46	
R1	Pond	0.472		RunOff	0.411	2.65	
R1	Stream	5.66		RunOff	0.255	3.17	
R2	Stream	1.81		Spray drift	0.079	1.63	
R3	Stream	4.44		RunOff	0.273	2.22	*
R4	Stream	5.93		RunOff	0.466	3.03	

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-52: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (modelling use field beans III -- field beans III, BBCH 95 -- 2×0.2 kg a.s./ha, 10d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	18.1		Drainage	8.68	40.5	

D2	Stream	11.6	Drainage	4.97	25.2
D3	Ditch	1.05 *	Spray drift	0.146	0.715
D4	Pond	2.57	Drainage	2.49	13.2
D4	Stream	2.67	Drainage	1.69	5.05
D6	Ditch	1.57	Spray drift	0.424	2.09
D6	Ditch 2nd	6.42	Drainage	1.32	5.84
R1	Pond	0.138	RunOff	0.126	1.11
R1	Stream	2.43	RunOff	0.083	0.683
R2	Stream	1.01	Spray drift	0.129	3.14
R3	Stream	3.18	RunOff	0.172	1.28
R4	Stream	3.94	RunOff	0.174	1.81

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-53: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (modelling use field beans IV -- field beans IV, BBCH 40 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D2	Ditch	13.7	Drainage	6.62	35.4
D2	Stream	8.58	Drainage	3.66	20.7
D3	Ditch	1.05 *	Spray drift	0.115	0.637
D4	Pond	1.78	Drainage	1.72	9.59
D4	Stream	1.82	Spray drift	1.16	3.61
D6	Ditch	1.19	Spray drift	0.302	1.53
D6	Ditch 2nd	3.31	Drainage	0.739	3.57
R1	Pond	0.695	RunOff	0.618	3.33
R1	Stream	4.12	RunOff	0.309	2.75
R2	Stream	1.91	Spray drift	0.087	1.69
R3	Stream	4.47	RunOff	0.320	1.94
R4	Stream	7.96	RunOff	0.604	3.44

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-54: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (modelling use field beans IV -- field beans IV, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	22.1	Drainage	9.72	39.5
D2	Stream	13.9	Drainage	5.45	24.2
D3	Ditch	1.05 *	Spray drift	0.142	0.784
D4	Pond	1.89	Drainage	1.84	10.2
D4	Stream	1.94	Spray drift	1.23	3.83
D6	Ditch	1.19	Spray drift	0.302	1.53
D6	Ditch 2nd	4.32	Drainage	0.941	4.45
R1	Pond	0.166	RunOff	0.148	1.22
R1	Stream	2.43 *	RunOff	0.072	1.13 *
R2	Stream	1.20	Spray drift	0.151	3.49
R3	Stream	4.56	RunOff	0.331	1.99
R4	Stream	7.96	RunOff	0.604	3.44

* Single applications are marked.
** TWA interval as required by ecotox

Legumes and Sugar beets

Table 8.9-55: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to peas (modelling use Legumes [ID: 175, 176, 179, 180, 183] -- BBCH 59 - 89 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	1.05 *	Spray drift	0.101	0.618
D4	Pond	1.74	Drainage	1.70	9.91
D4	Stream	1.72	Spray drift	1.11	3.75
D5	Pond	0.572	Drainage	0.545	5.68
D5	Stream	1.01 *	Spray drift	0.238	1.20
D6	Ditch	3.13	Drainage	0.709	3.12
R1	Pond	0.573	RunOff	0.519	2.82
R1	Stream	2.85	RunOff	0.208	2.21
R2	Stream	1.70	Spray drift	0.096	1.89

R3	Stream	2.66	RunOff	0.128	1.34
R4	Stream	5.47	RunOff	0.324	2.81

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-56: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to peas (modelling use Legumes [ID: 177, 178, 181, 182] -- BBCH 59 - 79 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	1.05 *	Spray drift	0.061	0.592
D4	Pond	1.92	Drainage	1.86	10.8
D4	Stream	1.90	Spray drift	1.22	4.09
D5	Pond	0.597	Drainage	0.569	5.82
D5	Stream	1.01 *	Spray drift	0.241	1.24
D6	Ditch	3.14	Drainage	0.717	3.18
R1	Pond	0.573	RunOff	0.519	2.82
R1	Stream	2.85	RunOff	0.208	2.21
R2	Stream	1.60	Spray drift	0.091	2.10
R3	Stream	2.66	RunOff	0.128	1.34
R4	Stream	5.47	RunOff	0.324	2.81

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-57: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to celeriac (modelling use Sugar beets [ID:47, 48] -- Early, BBCH 39-40 -- 2×0.125 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.656 *	Spray drift	0.038	0.392
D4	Pond	1.23	Drainage	1.19	6.99
D4	Stream	1.28	Drainage	0.822	2.75
R1	Pond	0.097	RunOff	0.086	0.862
R1	Stream	1.34 *	RunOff	0.042	0.691 *
R3	Stream	2.44	RunOff	0.254	2.34

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-58: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to celeriac (modelling use Sugar beets [ID:47, 48] -- Late, BBCH 40-49 -- 2×0.125 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.655 *	Spray drift	0.037	0.337 *
D4	Pond	2.26	Drainage	2.19	11.6
D4	Stream	2.86	Drainage	1.51	4.68
R1	Pond	0.649	RunOff	0.588	3.65
R1	Stream	4.91	RunOff	0.145	1.62
R3	Stream	3.72	RunOff	0.324	2.73

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-59: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to chicory (modelling use Sugar beets [ID:49-51] -- BBCH 13 - 49, early -- 0.2 kg a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	1.05 *	Spray drift	0.060	0.527 *
D4	Pond	0.770 *	Drainage	0.747	4.68 *
D4	Stream	0.878 *	Spray drift	0.515	1.82 *
R1	Pond	0.180 *	RunOff	0.161	1.06 *
R1	Stream	2.12 *	RunOff	0.106	0.763 *
R3	Stream	3.22 *	RunOff	0.169	1.76 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-60: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to chicory (modelling use Sugar beets [ID:49-51] -- BBCH 13 - 49, late -- 0.2 kg a.s./ha)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D3	Ditch	1.05 *	Spray drift	0.050	0.469 *
D4	Pond	1.09 *	Drainage	1.05	5.99 *
D4	Stream	1.16 *	Drainage	0.729	2.41 *
R1	Pond	0.181 *	RunOff	0.164	1.20 *
R1	Stream	1.20 *	RunOff	0.037	0.407 *
R3	Stream	2.63 *	RunOff	0.267	2.35 *

* Single applications are marked.
** TWA interval as required by ecotox

Flower bulbs

Table 8.9-61: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions I -- BBCH 12, early -- 5×0.075 kg a.s./ha, 7d int.)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D3	Ditch	0.475 *	Spray drift	0.046	0.308
D4	Pond	1.77	Drainage	1.72	10.2
D4	Stream	1.74	Spray drift	1.12	3.84
D6	Ditch	3.42	Drainage	0.783	3.79
D6	Ditch 2nd	7.65	Drainage	1.83	8.14
R1	Pond	0.375	RunOff	0.338	2.50
R1	Stream	2.55	RunOff	0.133	1.72
R2	Stream	1.65	Spray drift	0.084	2.44
R3	Stream	4.31	RunOff	0.219	2.41
R4	Stream	3.42	RunOff	0.394	2.46

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-62: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions I -- BBCH 91, late -- 5×0.075 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.475 *	Spray drift	0.036	0.319
D4	Pond	2.50	Drainage	2.43	13.6
D4	Stream	2.47	Drainage	1.60	5.19
D6	Ditch	2.80	Drainage	0.613	3.24
D6	Ditch 2nd	2.55	Spray drift	0.725	3.36
R1	Pond	0.218	RunOff	0.205	1.64
R1	Stream	1.52	RunOff	0.103	0.998
R2	Stream	1.64	Spray drift	0.086	4.24
R3	Stream	3.10	RunOff	0.220	1.70
R4	Stream	3.44	RunOff	0.395	2.47

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-63: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions II -- BBCH 12, early -- 0.2 kg a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	1.27 *	Spray drift	0.071	0.619 *
D4	Pond	0.839 *	Drainage	0.816	5.16 *
D4	Stream	0.987 *	Spray drift	0.535	1.94 *
D6	Ditch	1.91 *	Drainage	0.365	2.10 *
D6	Ditch 2nd	5.40 *	Drainage	1.32	7.18 *
R1	Pond	0.234 *	RunOff	0.208	1.34 *
R1	Stream	2.85 *	RunOff	0.154	1.07 *
R2	Stream	1.22 *	RunOff	0.113	1.54 *
R3	Stream	2.70 *	RunOff	0.128	1.45 *
R4	Stream	5.00 *	RunOff	0.320	2.25 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-64: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions II -- BBCH 41, middle -- 0.2 kg a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.069	0.609	*
D4	Pond	1.25	*	Drainage	1.21	7.15	*
D4	Stream	1.21	*	Drainage	0.803	2.71	*
D6	Ditch	1.28	*	Spray drift	0.457	1.99	*
D6	Ditch 2nd	1.33	*	Spray drift	0.344	1.70	*
R1	Pond	0.129	*	RunOff	0.111	0.765	*
R1	Stream	2.67	*	RunOff	0.071	1.05	*
R2	Stream	1.12	*	Spray drift	0.047	3.42	*
R3	Stream	3.46	*	RunOff	0.171	1.30	*
R4	Stream	0.809	*	Spray drift	0.039	0.502	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-65: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to flower bulbs (modelling use Onions II -- BBCH 91, late -- 0.2 kg a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.072	0.621	*
D4	Pond	0.970	*	Drainage	0.940	5.74	*
D4	Stream	0.989	*	Drainage	0.613	2.18	*
D6	Ditch	1.28	*	Spray drift	0.457	1.99	*
D6	Ditch 2nd	1.33	*	Spray drift	0.344	1.70	*
R1	Pond	0.062	*	RunOff	0.057	0.565	*
R1	Stream	0.924	*	RunOff	0.041	0.330	*
R2	Stream	1.12	*	Spray drift	0.042	1.82	*
R3	Stream	3.46	*	RunOff	0.171	1.30	*
R4	Stream	4.37	*	RunOff	0.342	1.94	*

* Single applications are marked.
** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

Table 8.9-66: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (modelling use Pome and stone fruit I -- BBCH 12, early -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	15.5 *	Spray drift	1.68	7.73
D4	Pond	1.57	Spray drift	1.42	11.1
D4	Stream	15.8 *	Spray drift	0.648	2.22
D5	Pond	1.77	Spray drift	1.62	10.6
D5	Stream	16.2 *	Spray drift	0.155	1.41
R1	Pond	1.55	Spray drift	1.36	6.42
R1	Stream	12.6 *	Spray drift	0.152	1.42 *
R2	Stream	16.7 *	Spray drift	0.112	1.04
R3	Stream	17.8 *	Spray drift	0.629	4.30
R4	Stream	12.6 *	Spray drift	0.300	1.85

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-67: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (modelling use Pome and stone fruit I -- BBCH 91, late -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	7.35 *	Spray drift	1.12	4.96
D4	Pond	3.61	Drainage	3.48	17.9
D4	Stream	7.21 *	Spray drift	2.32	6.68
D5	Pond	1.47	Drainage	1.43	13.3
D5	Stream	7.96 *	Spray drift	0.676	2.50
R1	Pond	0.488	Spray drift	0.430	2.38
R1	Stream	5.64 *	Spray drift	0.091	0.785 *
R2	Stream	7.56 *	Spray drift	0.062	0.829
R3	Stream	7.95 *	Spray drift	0.572	3.74
R4	Stream	5.64 *	Spray drift	0.416	2.44

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-68: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry (modelling use Pome and stone fruit II -- BBCH 15, early -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	11.7 *	Spray drift	1.26	5.89
D4	Pond	1.14	Spray drift	1.04	8.23
D4	Stream	11.9 *	Spray drift	0.439	1.59
D5	Pond	1.25	Spray drift	1.15	8.12
D5	Stream	12.1 *	Spray drift	0.120	1.05
R1	Pond	1.12	Spray drift	0.989	4.93
R1	Stream	9.42 *	Spray drift	0.114	1.07 *
R2	Stream	12.5 *	Spray drift	0.096	0.900
R3	Stream	13.3 *	Spray drift	0.468	2.99
R4	Stream	9.47 *	Spray drift	0.185	1.41

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-69: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to elderberry (modelling use Pome and stone fruit II -- BBCH 91, late -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	5.51 *	Spray drift	0.855	3.59
D4	Pond	2.25	Drainage	2.18	11.9
D4	Stream	5.33 *	Spray drift	1.44	4.36
D5	Pond	1.10	Drainage	1.07	9.31
D5	Stream	5.97 *	Spray drift	0.533	1.76
R1	Pond	0.365	Spray drift	0.322	1.83
R1	Stream	4.23 *	Spray drift	0.068	0.593 *
R2	Stream	5.67 *	Spray drift	0.042	0.562
R3	Stream	5.96 *	Spray drift	0.227	1.52
R4	Stream	4.23 *	Spray drift	0.364	2.60

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-70: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (modelling use Vegetable leafy [ID: 148, 150, 158, 159, 161-163, 205] -- BBCH 12, early -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.122	0.720	
D3	Ditch 2nd	1.27	*	Spray drift	0.076	0.652	*
D4	Pond	1.87		Drainage	1.81	10.7	
D4	Stream	1.85		Spray drift	1.19	4.05	
D6	Ditch	5.17		Drainage	1.17	5.31	
R1	Pond	0.423		RunOff	0.377	2.38	
R1	Pond 2nd	0.330		RunOff	0.289	2.28	
R1	Stream	5.29		RunOff	0.266	1.85	
R1	Stream 2nd	4.34		RunOff	0.202	2.02	
R2	Stream	1.50		RunOff	0.110	1.54	*
R2	Stream 2nd	1.64		Spray drift	0.157	2.29	
R3	Stream	5.77		RunOff	0.294	3.04	
R3	Stream 2nd	5.00		RunOff	0.623	3.98	
R4	Stream	6.87		RunOff	0.564	3.59	
R4	Stream 2nd	6.04		RunOff	0.616	3.50	

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-71: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (modelling use Vegetable leafy [ID: 148, 150, 158, 159, 161-163, 205] -- BBCH 49, late -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3						
D3	Ditch	1.27	*	Spray drift	0.125	0.720
D3	Ditch 2nd	1.26	*	Spray drift	0.080	0.558
D4	Pond	2.17		Drainage	2.10	11.8

D4	Stream	2.14	Spray drift	1.40	4.55
D6	Ditch	23.7	Drainage	4.07	15.3
R1	Pond	0.926	RunOff	0.868	4.84
R1	Pond 2nd	0.483	RunOff	0.438	2.88
R1	Stream	2.71	RunOff	0.259	3.10
R1	Stream 2nd	3.73	RunOff	0.111	1.20
R2	Stream	1.68	Spray drift	0.096	2.63
R2	Stream 2nd	2.00	RunOff	0.156	2.68
R3	Stream	4.10	RunOff	0.302	2.07
R3	Stream 2nd	3.15	RunOff	0.313	3.24
R4	Stream	6.29	RunOff	0.592	3.19
R4	Stream 2nd	6.50	RunOff	0.538	3.99

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-72: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (modelling use Vegetable leafy [ID: 112-116, 147, 149, 151-154 155-157, 160, 164, 189, 190, 206-209] -- BBCH 12, early -- 0.2 kg a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.069	0.610	*
D3	Ditch 2nd	1.27	*	Spray drift	0.076	0.652	*
D4	Pond	0.889	*	Drainage	0.864	5.42	*
D4	Stream	1.04	*	Spray drift	0.570	2.06	*
D6	Ditch	2.44	*	Drainage	0.558	2.67	*
R1	Pond	0.184	*	RunOff	0.164	1.16	*
R1	Pond 2nd	0.150	*	RunOff	0.131	1.18	*
R1	Stream	2.15	*	RunOff	0.111	0.768	*
R1	Stream 2nd	1.88	*	RunOff	0.088	0.898	*
R2	Stream	1.19	*	RunOff	0.110	1.54	*
R2	Stream 2nd	1.12	*	Spray drift	0.072	1.25	*
R3	Stream	2.54	*	RunOff	0.122	1.40	*
R3	Stream 2nd	3.67	*	RunOff	0.353	2.25	*
R4	Stream	4.27	*	RunOff	0.297	1.98	*
R4	Stream 2nd	5.05	*	RunOff	0.343	2.27	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-73: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (modelling use Vegetable leafy [ID: 112-116, 147, 149, 151-154 155-157, 160, 164, 189, 190, 206-209] -- BBCH 49, late -- 0.2 kg a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.072	0.626	*
D3	Ditch 2nd	1.26	*	Spray drift	0.044	0.454	*
D4	Pond	0.801	*	Drainage	0.777	4.77	*
D4	Stream	0.914	*	Spray drift	0.509	1.80	*
D6	Ditch	13.4	*	Drainage	2.19	8.39	*
R1	Pond	0.557	*	RunOff	0.506	2.94	*
R1	Pond 2nd	0.195	*	RunOff	0.176	1.28	*

R1	Stream	2.16 *	RunOff	0.213	2.13 *
R1	Stream 2nd	1.33 *	RunOff	0.038	0.476 *
R2	Stream	1.12 *	Spray drift	0.048	1.48 *
R2	Stream 2nd	1.11 *	Spray drift	0.089	1.50 *
R3	Stream	1.87 *	RunOff	0.149	0.850 *
R3	Stream 2nd	2.54 *	RunOff	0.160	1.85 *
R4	Stream	3.89 *	RunOff	0.324	1.86 *
R4	Stream 2nd	3.35 *	RunOff	0.279	1.89 *

* Single applications are marked.
** TWA interval as required by ecotox

Tobacco and Hops

Table 8.9-74: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single application(s) of FLU+TFS SC 500 to tobacco (modelling use Tobacco [ID: 241] -- BBCH 11 - 39 -- 0.2 kg a.s./ha)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R3	Stream	3.00 *	RunOff	0.242	1.61 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-75: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to hops (modelling use Hops [ID: 141] -- BBCH 37 - 79, early -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.592	RunOff	0.520	2.74
R1	Stream	5.65 *	Spray drift	0.131	0.844 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-76: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to hops (modelling use Hops [ID: 141] -- BBCH 37 - 79, late -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.487	Spray drift	0.429	2.41
R1	Stream	5.52 *	Spray drift	0.048	0.728

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

Table 8.9-77: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	2.54 *	Spray drift	0.288	1.87
R1	Pond	0.146	Spray drift	0.132	0.836
R1	Stream	1.87 *	Spray drift	0.064	0.608
R2	Stream	2.48 *	Spray drift	0.050	0.648
R3	Stream	2.65 *	Spray drift	0.038	0.496 *
R4	Stream	2.85	Spray drift	0.186	1.51

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-78: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	2.83	Spray drift	1.56	4.91
R1	Pond	0.239	RunOff	0.212	1.19
R1	Stream	1.88 *	Spray drift	0.104	0.782 *
R2	Stream	2.53 *	Spray drift	0.031	0.395

R3	Stream	2.66	*	Spray drift	0.202	1.64	
R4	Stream	2.54		Spray drift	0.115	1.38	

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-79: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	3.41		Spray drift	1.60	5.42	
R1	Pond	0.140		Spray drift	0.123	0.766	
R1	Stream	1.89	*	Spray drift	0.033	0.280	
R2	Stream	2.53	*	Spray drift	0.043	0.555	
R3	Stream	2.66	*	Spray drift	0.140	0.858	*
R4	Stream	4.03		Spray drift	0.216	2.17	

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-80: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	3.38	*	Spray drift	0.386	2.45	
R1	Pond	0.195		Spray drift	0.176	1.09	
R1	Stream	2.49	*	Spray drift	0.085	0.814	
R2	Stream	3.31	*	Spray drift	0.067	0.859	
R3	Stream	3.53	*	Spray drift	0.051	0.656	*
R4	Stream	3.79		Spray drift	0.245	1.93	

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-81: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D6	Ditch	3.77	Spray drift	2.08	6.40
R1	Pond	0.320	RunOff	0.286	1.56
R1	Stream	2.51 *	Spray drift	0.141	1.03 *
R2	Stream	3.37 *	Spray drift	0.043	0.529
R3	Stream	3.55 *	Spray drift	0.275	2.18
R4	Stream	3.40	Spray drift	0.154	1.81

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-82: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D6	Ditch	4.55	Spray drift	2.14	7.07
R1	Pond	0.188	Spray drift	0.165	0.997
R1	Stream	2.52 *	Spray drift	0.044	0.371
R2	Stream	3.37 *	Spray drift	0.059	0.742
R3	Stream	3.55 *	Spray drift	0.186	1.11 *
R4	Stream	5.52	Spray drift	0.294	2.92

* Single applications are marked.
** TWA interval as required by ecotox

Vines III – IV

Table 8.9-83: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines III -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	2.54 *	Spray drift	0.284	1.85
R1	Pond	0.143	Spray drift	0.135	0.861
R1	Stream	2.07	Spray drift	0.085	0.703
R2	Stream	2.48 *	Spray drift	0.055	0.731
R3	Stream	2.65 *	Spray drift	0.038	0.496 *
R4	Stream	3.22	Spray drift	0.208	1.71

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-84: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines III -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	2.57 *	Spray drift	1.42	4.66
R1	Pond	0.234	RunOff	0.210	1.19
R1	Stream	1.88 *	Spray drift	0.107	0.782 *
R2	Stream	2.53 *	Spray drift	0.031	0.389
R3	Stream	2.66 *	Spray drift	0.258	1.78
R4	Stream	2.15	Spray drift	0.114	1.20

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-85: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines III -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	3.65	Spray drift	1.28	4.82
R1	Pond	0.140	Spray drift	0.123	0.766
R1	Stream	1.89 *	Spray drift	0.033	0.280
R2	Stream	2.53 *	Spray drift	0.029	0.386
R3	Stream	3.39	Spray drift	0.372	2.82
R4	Stream	2.81	Spray drift	0.144	1.53

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-86: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines IV -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.38 *	Spray drift	0.380	2.42
R1	Pond	0.191	Spray drift	0.180	1.12
R1	Stream	2.82	Spray drift	0.114	0.947
R2	Stream	3.31 *	Spray drift	0.074	0.972
R3	Stream	3.53 *	Spray drift	0.051	0.656 *
R4	Stream	4.29	Spray drift	0.273	2.18

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-87: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines IV -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.43 *	Spray drift	1.89	6.08
R1	Pond	0.314	RunOff	0.283	1.57
R1	Stream	2.51 *	Spray drift	0.145	1.03 *
R2	Stream	3.37 *	Spray drift	0.042	0.520
R3	Stream	3.55 *	Spray drift	0.350	2.38
R4	Stream	2.91	Spray drift	0.154	1.60

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-88: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines IV -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	4.58	Spray drift	1.71	6.20
R1	Pond	0.188	Spray drift	0.165	0.997
R1	Stream	2.52 *	Spray drift	0.044	0.371
R2	Stream	3.37 *	Spray drift	0.054	0.674
R3	Stream	3.55 *	Spray drift	0.186	1.11 *
R4	Stream	4.42	Spray drift	0.222	2.34

* Single applications are marked.
** TWA interval as required by ecotox

Vines V

Table 8.9-89: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines V -- BBCH 40-69 -- 2×0.15 kg a.s./ha, 21d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	2.57	*	Spray drift	0.260	1.91	
R1	Pond	0.153		RunOff	0.134	0.830	
R1	Stream	1.88	*	Spray drift	0.070	0.736	*
R2	Stream	2.52	*	Spray drift	0.043	0.529	*
R3	Stream	2.66	*	Spray drift	0.048	0.619	
R4	Stream	1.85	*	Spray drift	0.104	0.913	*

* Single applications are marked.

** TWA interval as required by ecotox

Vines VI

Table 8.9-90: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI -- early, BBCH 15 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.846 *	Spray drift	0.093	0.671
R1	Pond	0.047	Spray drift	0.044	0.312
R1	Stream	0.623 *	Spray drift	0.027	0.223
R2	Stream	0.828 *	Spray drift	0.016	0.245
R3	Stream	0.882 *	Spray drift	0.013	0.171 *
R4	Stream	1.06	Spray drift	0.072	0.653

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-91: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI -- middle, BBCH 65 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.858 *	Spray drift	0.468	1.69
R1	Pond	0.075	RunOff	0.067	0.418
R1	Stream	0.627 *	Spray drift	0.033	0.266 *
R2	Stream	0.843 *	Spray drift	0.009	0.129
R3	Stream	0.887 *	Spray drift	0.080	0.587
R4	Stream	0.661	Spray drift	0.035	0.394

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-92: FOCUS Step 3 PEC_{sw} and PEC_{sed} for fluopyram following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI -- late, BBCH 85 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	0.858 *	Spray drift	0.466	1.71
R1	Pond	0.045	Spray drift	0.039	0.274
R1	Stream	0.629 *	Spray drift	0.006	0.094
R2	Stream	0.843 *	Spray drift	0.008	0.126
R3	Stream	0.887 *	Spray drift	0.064	0.521
R4	Stream	0.867	Spray drift	0.045	0.506

* Single applications are marked.
** TWA interval as required by ecotox

Step 4

Pome & stone fruit and leafy vegetables

Table 8.9-93: PECsw values for fluopyram, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit I -- BBCH 12, early -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 fluopyram**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	15.5	12.2	7.50	1.71	7.50	1.71		
50 %		7.77	6.11	3.75	0.857	3.75	0.857		
75 %		3.89	3.05	1.87	0.429	1.87	0.429		
90 %		1.55	1.22	0.750	0.171	0.750	0.171		
None	D4 Pond	*1.57*	*1.76*	*1.19*	*1.02*	*1.19*	*1.02*		
50 %		*1.14*	*1.16*	*1.07*	*0.990*	*1.07*	*0.990*		
75 %		*1.05*	*1.06*	*1.01*	*0.973*	*1.01*	*0.973*		
90 %		*0.991*	*0.996*	*0.978*	*0.962*	*0.978*	*0.962*		
None	D4 Stream	15.8	13.6	8.35	1.91	8.35	1.91		
50 %		7.92	6.80	4.18	*1.02*	4.18	*1.02*		
75 %		3.96	3.40	2.09	*1.02*	2.09	*1.02*		
90 %		1.58	1.36	*1.02*	*1.02*	*1.02*	*1.02*		
None	D5 Pond	*1.77*	*1.96*	*1.21*	*0.508*	*1.21*	*0.508*		
50 %		*0.990*	*1.09*	*0.706*	*0.419*	*0.706*	*0.419*		
75 %		*0.599*	*0.646*	*0.457*	*0.406*	*0.457*	*0.406*		
90 %		*0.420*	*0.423*	*0.410*	*0.399*	*0.410*	*0.399*		
None	D5 Stream	16.2	13.9	8.54	1.96	8.54	1.96		
50 %		8.10	6.96	4.27	0.980	4.27	0.980		
75 %		4.05	3.48	2.14	0.492	2.14	0.492		
90 %		1.62	1.39	0.858	*0.456*	0.858	*0.456*		

None	R1 Pond	*1.55*	*1.74*	*0.989*	*0.297*	*0.989*	*0.297*		
50 %		*0.775*	*0.870*	*0.493*	*0.148*	*0.493*	*0.148*		
75 %		*0.387*	*0.434*	*0.246*	*0.074*	*0.246*	*0.074*		
90 %		*0.154*	*0.173*	*0.098*	*0.034*	*0.098*	*0.030*		
None	R1 Stream	12.6	10.8	6.62	1.51	6.62	1.51		
50 %		6.28	5.39	3.31	*1.34*	3.31	0.757		
75 %		3.14	2.70	1.66	*1.34*	1.66	0.379		
90 %		*1.34*	*1.34*	*1.34*	*1.34*	0.662	*0.280*		
None	R2 Stream	16.7	14.3	8.79	2.01	8.79	2.01		
50 %		8.33	7.15	4.39	*1.29*	4.39	1.00		
75 %		4.16	3.58	2.20	*1.29*	2.20	0.502		
90 %		1.67	1.43	*1.29*	*1.29*	0.879	*0.300*		
None	R3 Stream	17.8	15.3	9.37	3.39	9.37	2.14		
50 %		8.88	7.63	4.68	3.39	4.68	1.07		
75 %		4.44	3.81	3.39	3.39	2.34	0.800		
90 %		3.39	3.39	3.39	3.39	1.53	0.800		
None	R4 Stream	12.6	10.9	6.66	*2.94*	6.66	1.52		
50 %		6.31	5.42	3.33	*2.94*	3.33	0.762		
75 %		3.16	*2.94*	*2.94*	*2.94*	1.67	*0.616*		
90 %		*2.94*	*2.94*	*2.94*	*2.94*	*1.22*	*0.616*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-94: PECsw values for fluopyram, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit I -- BBCH 91, late -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 fluopyram**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	7.35	4.96	2.22	0.684	2.22	0.684		
50 %		3.68	2.48	1.11	0.342	1.11	0.342		
75 %		1.84	1.24	0.554	0.171	0.554	0.171		
90 %		0.735	0.496	0.222	0.068	0.222	0.068		
None	D4 Pond	*3.61*	*3.64*	*3.53*	*3.45*	*3.53*	*3.45*		
50 %		*3.50*	*3.52*	*3.46*	*3.42*	*3.46*	*3.42*		
75 %		*3.45*	*3.45*	*3.43*	*3.41*	*3.43*	*3.41*		
90 %		*3.41*	*3.42*	*3.40*	*3.40*	*3.40*	*3.40*		
None	D4 Stream	7.21	5.63	*3.66*	*3.66*	*3.66*	*3.66*		
50 %		*3.66*	*3.66*	*3.66*	*3.66*	*3.66*	*3.66*		
75 %		*3.66*	*3.66*	*3.66*	*3.66*	*3.66*	*3.66*		

90 %		*3.66*	*3.66*	*3.66*	*3.66*	*3.66*	*3.66*		
None	D5 Pond	*1.47*	*1.47*	*1.47*	*1.47*	*1.47*	*1.47*		
50 %		*1.47*	*1.47*	*1.47*	*1.47*	*1.47*	*1.47*		
75 %		*1.47*	*1.47*	*1.47*	*1.47*	*1.47*	*1.47*		
90 %		*1.47*	*1.47*	*1.47*	*1.47*	*1.47*	*1.47*		
None	D5 Stream	7.96	6.21	2.78	*2.01*	2.78	*2.01*		
50 %		3.98	3.11	*2.01*	*2.01*	*2.01*	*2.01*		
75 %		*2.01*	*2.01*	*2.01*	*2.01*	*2.01*	*2.01*		
90 %		*2.01*	*2.01*	*2.01*	*2.01*	*2.01*	*2.01*		
None	R1 Pond	*0.488*	*0.557*	*0.305*	*0.126*	*0.305*	*0.126*		
50 %		*0.243*	*0.278*	*0.152*	*0.063*	*0.152*	*0.063*		
75 %		*0.121*	*0.138*	*0.076*	*0.031*	*0.076*	*0.031*		
90 %		*0.048*	*0.055*	*0.030*	*0.014*	*0.030*	*0.012*		
None	R1 Stream	5.64	4.40	1.97	0.607	1.97	0.607		
50 %		2.82	2.20	0.984	0.304	0.984	0.304		
75 %		1.41	1.10	0.492	*0.194*	0.492	0.152		
90 %		0.564	0.440	0.197	*0.194*	0.197	0.061		
None	R2 Stream	7.56	5.90	2.64	*1.13*	2.64	0.814		
50 %		3.78	2.95	1.32	*1.13*	1.32	0.407		
75 %		1.89	1.48	*1.13*	*1.13*	0.659	*0.266*		
90 %		*1.13*	*1.13*	*1.13*	*1.13*	*0.509*	*0.266*		
None	R3 Stream	7.95	6.21	*4.59*	*4.59*	2.77	*1.09*		
50 %		*4.59*	*4.59*	*4.59*	*4.59*	*2.08*	*1.09*		
75 %		*4.59*	*4.59*	*4.59*	*4.59*	*2.08*	*1.09*		
90 %		*4.59*	*4.59*	*4.59*	*4.59*	*2.08*	*1.09*		
None	R4 Stream	5.64	4.40	*3.99*	*3.99*	1.97	*0.929*		
50 %		*3.99*	*3.99*	*3.99*	*3.99*	*1.79*	*0.929*		
75 %		*3.99*	*3.99*	*3.99*	*3.99*	*1.79*	*0.929*		
90 %		*3.99*	*3.99*	*3.99*	*3.99*	*1.79*	*0.929*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-95: PECsw values for fluopyram, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit II -- BBCH 15, early -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 fluopyram**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	11.7	9.16	5.62	1.29	5.62	1.29		
50 %		5.83	4.58	2.81	0.643	2.81	0.643		

75 %		2.91	2.29	1.41	0.321	1.41	0.321		
90 %		1.17	0.915	0.562	0.129	0.562	0.129		
None	D4 Pond	*1.14*	*1.28*	*0.825*	*0.704*	*0.825*	*0.704*		
50 %		*0.787*	*0.804*	*0.738*	*0.678*	*0.738*	*0.678*		
75 %		*0.719*	*0.727*	*0.695*	*0.665*	*0.695*	*0.665*		
90 %		*0.679*	*0.682*	*0.669*	*0.657*	*0.669*	*0.657*		
None	D4 Stream	11.9	10.2	6.27	1.43	6.27	1.43		
50 %		5.94	5.10	3.13	0.716	3.13	0.716		
75 %		2.97	2.55	1.57	*0.697*	1.57	*0.697*		
90 %		1.19	1.02	*0.697*	*0.697*	*0.697*	*0.697*		
None	D5 Pond	*1.25*	*1.39*	*0.849*	*0.358*	*0.849*	*0.358*		
50 %		*0.697*	*0.764*	*0.497*	*0.312*	*0.497*	*0.312*		
75 %		*0.421*	*0.455*	*0.325*	*0.302*	*0.325*	*0.302*		
90 %		*0.313*	*0.315*	*0.306*	*0.297*	*0.306*	*0.297*		
None	D5 Stream	12.1	10.4	6.41	1.47	6.41	1.47		
50 %		6.07	5.22	3.21	0.735	3.21	0.735		
75 %		3.04	2.61	1.60	0.369	1.60	0.369		
90 %		1.22	1.05	0.643	*0.356*	0.643	*0.356*		
None	R1 Pond	*1.12*	*1.26*	*0.713*	*0.214*	*0.713*	*0.214*		
50 %		*0.559*	*0.628*	*0.356*	*0.107*	*0.356*	*0.107*		
75 %		*0.279*	*0.313*	*0.177*	*0.054*	*0.177*	*0.053*		
90 %		*0.111*	*0.125*	*0.071*	*0.029*	*0.071*	*0.021*		
None	R1 Stream	9.42	8.09	4.97	*1.18*	4.97	1.14		
50 %		4.71	4.05	2.48	*1.18*	2.48	0.568		
75 %		2.35	2.02	1.24	*1.18*	1.24	0.284		
90 %		*1.18*	*1.18*	*1.18*	*1.18*	0.497	*0.248*		
None	R2 Stream	12.5	10.7	6.59	1.51	6.59	1.51		
50 %		6.25	5.37	3.30	*1.04*	3.30	0.753		
75 %		3.12	2.68	1.65	*1.04*	1.65	0.377		
90 %		1.25	1.07	*1.04*	*1.04*	0.659	*0.243*		
None	R3 Stream	13.3	11.5	7.03	2.46	7.03	1.61		
50 %		6.66	5.72	3.51	2.46	3.51	0.803		
75 %		3.33	2.86	2.46	2.46	1.76	0.581		
90 %		2.46	2.46	2.46	2.46	1.11	0.581		
None	R4 Stream	9.47	8.14	5.00	*2.42*	5.00	1.14		
50 %		4.74	4.07	2.50	*2.42*	2.50	0.571		
75 %		*2.42*	*2.42*	*2.42*	*2.42*	1.25	*0.521*		
90 %		*2.42*	*2.42*	*2.42*	*2.42*	*1.02*	*0.521*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-96: PECsw values for fluopyram, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit II -- BBCH 91, late -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 fluopyram**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	5.52	3.72	1.66	0.513	1.66	0.513		
50 %		2.76	1.86	0.831	0.257	0.831	0.257		
75 %		1.38	0.930	0.416	0.128	0.416	0.128		
90 %		0.551	0.372	0.166	0.051	0.166	0.051		
None	D4 Pond	*2.25*	*2.28*	*2.20*	*2.14*	*2.20*	*2.14*		
50 %		*2.18*	*2.19*	*2.15*	*2.12*	*2.15*	*2.12*		
75 %		*2.14*	*2.15*	*2.13*	*2.11*	*2.13*	*2.11*		
90 %		*2.12*	*2.12*	*2.11*	*2.11*	*2.11*	*2.11*		
None	D4 Stream	5.33	4.16	*2.24*	*2.24*	*2.24*	*2.24*		
50 %		2.66	*2.24*	*2.24*	*2.24*	*2.24*	*2.24*		
75 %		*2.24*	*2.24*	*2.24*	*2.24*	*2.24*	*2.24*		
90 %		*2.24*	*2.24*	*2.24*	*2.24*	*2.24*	*2.24*		
None	D5 Pond	*1.10*	*1.10*	*1.10*	*1.10*	*1.10*	*1.10*		
50 %		*1.10*	*1.10*	*1.10*	*1.10*	*1.10*	*1.10*		
75 %		*1.10*	*1.10*	*1.10*	*1.10*	*1.10*	*1.10*		
90 %		*1.10*	*1.10*	*1.10*	*1.10*	*1.10*	*1.10*		
None	D5 Stream	5.97	4.66	2.08	*1.66*	2.08	*1.66*		
50 %		2.99	2.33	*1.66*	*1.66*	*1.66*	*1.66*		
75 %		*1.66*	*1.66*	*1.66*	*1.66*	*1.66*	*1.66*		
90 %		*1.66*	*1.66*	*1.66*	*1.66*	*1.66*	*1.66*		
None	R1 Pond	*0.365*	*0.417*	*0.229*	*0.094*	*0.229*	*0.094*		
50 %		*0.182*	*0.208*	*0.114*	*0.047*	*0.114*	*0.047*		
75 %		*0.091*	*0.104*	*0.057*	*0.023*	*0.057*	*0.023*		
90 %		*0.036*	*0.041*	*0.023*	*0.011*	*0.023*	*0.009*		
None	R1 Stream	4.23	3.30	1.48	0.455	1.48	0.455		
50 %		2.12	1.65	0.738	0.228	0.738	0.228		
75 %		1.06	0.825	0.369	*0.164*	0.369	0.114		
90 %		0.423	0.330	*0.164*	*0.164*	0.148	0.046		
None	R2 Stream	5.67	4.43	1.98	*0.749*	1.98	0.610		
50 %		2.84	2.21	0.989	*0.749*	0.989	0.305		
75 %		1.42	1.11	*0.749*	*0.749*	0.494	*0.176*		
90 %		*0.749*	*0.749*	*0.749*	*0.749*	*0.338*	*0.176*		
None	R3 Stream	5.97	4.65	2.08	1.74	2.08	0.642		

50 %		2.98	2.33	1.74	1.74	1.04	0.411		
75 %		1.74	1.74	1.74	1.74	0.787	0.411		
90 %		1.74	1.74	1.74	1.74	0.787	0.411		
None	R4 Stream	4.23	*3.91*	*3.91*	*3.91*	*1.75*	*0.910*		
50 %		*3.91*	*3.91*	*3.91*	*3.91*	*1.75*	*0.910*		
75 %		*3.91*	*3.91*	*3.91*	*3.91*	*1.75*	*0.910*		
90 %		*3.91*	*3.91*	*3.91*	*3.91*	*1.75*	*0.910*		

* Maximum values coming from multiple applications are marked in italics

8.9.2.2 Trifloxystrobin and metabolites

Table 8.9-97: Input parameters related to active substance trifloxystrobin and metabolites for $PEC_{sw/sed}$ calculations STEP 1/2 and 3(/4)

Compound	Trifloxystrobin (TFS)	CGA 321113 (CGA13)	CGA 373466 (CGA66)	Value in accordance to EU endpoint y/n/ Reference
Molecular weight (g/mol)	408.4	394.4	394.4 [3]	y/ EFSA, 2017 or RAR Volume 3_B8
Water solubility (mg/L)	0.61 (25 °C)	21000	250000 [4]	y/ EFSA, 2017
Saturated vapour pressure (Pa)	0 default (20 °C)	0 default (20 °C)	0 default (20 °C)	y/ EFSA, 2017
Diffusion coefficient in water (m²/d)	not required for Step 1+2/ 4.3 x 10^{-5}	not required for Step 1+2/ 4.3 x 10^{-5}	not required for Step 1+2/ 4.3 x 10^{-5}	default
Diffusion coefficient in air (m²/d)	not required for Step 1+2/0.43	not required for Step 1+2/0.43	not required for Step 1+2/0.43	default
K_{foc} (mL/g) / K_{fom}	2287 /1327	116.19 / 67.4	75.7 / 43.9 [4]	y/ EFSA, 2017
Freundlich Exponent 1/n	0.96	1 (default)	0.894	y/ EFSA, 2017
Plant Uptake	0	0	0	y/ EFSA, 2017
Wash-Off factor from Crop (1/mm)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	default
$DT_{50,soil}$ (d)	0.52 [1] (normalised to pF2, 20 °C with Q_{10} of 2.58)	48.1	22.1 [1]	y/ EFSA, 2017
$DT_{50,water}$ (d)	1.69 (step 1, 2 and 3)	388 (step1 and 2) 1000 (default) (step 3)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017
$DT_{50,sed}$ (d)	1.69 (step1 and 2) 1000 default	388 (step1 and 2) 1000 (default)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017

Compound	Trifloxystrobin (TFS)	CGA 321113 (CGA13)	CGA 373466 (CGA66)	Value in accordance to EU endpoint y/n/ Reference
	(step 3)	(step 3)		
$DT_{50,\text{whole system}}$ (d)	1.69	388	1000 (default)	y/ EFSA, 2017
Maximum occurrence observed (% molar basis with respect to the parent)	Soil: - Water: - Sediment: 100 (default) [2] Total system: -	Soil: 96.8 [2] Water: - Sediment: - Total system: 100	Soil: 42.5 Water: - Sediment: - Total system: 34.7 [5]	y/ EFSA, 2017 or RAR Volume 3_B8
Formation fraction in soil:	-	0.707 from TFS	0.924 from CGA°357261	y/ EFSA, 2017

[1] Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table “Combined laboratory and field kinetic endpoints for modelling (when not from different populations)”

[2] table 7.1.2 /03-1 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, T Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

[3] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP)

[4] Appendix A to EFSA Journal 2017;15(10):4989 (page 62), PEC ground water (Regulation (EU) N° 284/2013, Appendix A, point 9.2.4.1)

[5] table 7.1.2 /03-2 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

Table 8.9-98: Input parameters related to active substance trifloxystrobin and metabolites for $PEC_{sw/sed}$ calculations STEP 1/2 and 3(/4)

Compound	NOA 413161 (NOA61)	NOA 413163 (NOA63)	CGA 107170 (CGA70)	Value in accordance to EU endpoint y/n/ Reference
Molecular weight (g/mol)	424.3 [3]	424.3 [3]	188.4	y/ EFSA, 2017 or RAR Volume 3_B8
Water solubility (mg/L)	290000 [4]	63000 [4]	620	y/ EFSA, 2017
Diffusion coefficient in water (m²/d)	not required for Step 1+2/ 4.3 x 10^{-5}	not required for Step 1+2/ 4.3 x 10^{-5}	not required for Step 1+2/ 4.3 x 10^{-5}	default
Diffusion coefficient in air (m²/d)	not required for Step 1+2/0.43	not required for Step 1+2/0.43	not required for Step 1+2/0.43	default
K_{foc} (mL/g) / K_{fom}	3.3 / 1.9	6 /3.5 [4]	0 (default)	y/ EFSA, 2017
Wash-Off factor from Crop (1/mm)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	default
$DT_{50,soil}$ (d)	36.1 [1]	41.7 [1]	1000 (default)	y/ EFSA, 2017
$DT_{50,water}$ (d)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017
$DT_{50,sed}$ (d)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017
$DT_{50,whole\ system}$ (d)	1000 (default)	1000 (default)	1000 (default)	y/ EFSA, 2017
Maximum occurrence observed (% molar basis with respect to the parent)	Soil: 13.6 [2] Water: - Sediment: - Total system: 0 [5]	Soil: 6.0 [2] Water: - Sediment: - Total system: 0 [5]	Soil: 0 [1] Water: - Sediment: - Total system: 53.8 [5]	y/ EFSA, 2017 or RAR Volume 3_B8
Formation fraction in soil:	0.164 from CGA°321113	0.27 from CGA°373466	0	y/ EFSA, 2017

[1] Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table “Combined laboratory and field kinetic endpoints for modelling (when not from different populations)”

[2] table 7.1.2 /03-1 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

[3] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP)

[4] Appendix A to EFSA Journal 2017;15(10):4989 (page 62), PEC ground water (Regulation (EU) N° 284/2013, Appendix A, point 9.2.4.1)

[5] table 7.1.2 /03-2 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

Table 8.9-99: Input parameters related to active substance trifloxystrobin and metabolites for $PEC_{sw/sed}$ calculations STEP 1/2 and 3(/4)

Compound	CGA 357262 (CGA62)	NOA 409480 (NOA80)	CGA 357261 (TFS ZE)	Value in accordance to EU endpoint y/n/ Reference
Molecular weight (g/mol)	408.4	318.3 [3]	408.4	y/ EFSA, 2017 or RAR Volume 3_B8
Water solubility (mg/L)	0.6 (25°C) [3]	2.6 (20 °C) [4]	4 (25 °C)	y/ EFSA, 2017 or RAR Volume 3_B8
Saturated vapour pressure (Pa)	0 default	0 default	0 default	y/ EFSA, 2017
Diffusion coefficient in water (m²/d)	not required for Step 1+2/ 4.3×10^{-5}	not required for Step 1+2/ 4.3×10^{-5}	not required for Step 1+2/ 4.3×10^{-5}	default
Diffusion coefficient in air (m²/d)	not required for Step 1+2/0.43	not required for Step 1+2/0.43	not required for Step 1+2/0.43	default
K_{foc} (mL/g) / K_{fom}	0 (default)	2348 / 1362 [4]	484 / 281	y/ EFSA, 2017
Freundlich Exponent 1/n	1 (default)	0.863	0.994	y/ EFSA, 2017
Plant Uptake	0	0	0	y/ EFSA, 2017
Wash-Off factor from Crop (1/mm)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	default
$DT_{50,soil}$ (d)	1000 (default)	42.5 [4] (normalised to pF2, 20 °C with Q_{10} of 2.58)	0.26 [1] (normalised to pF2, 20 °C with Q_{10} of 2.58)	y/ EFSA, 2017
$DT_{50,water}$ (d)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017
$DT_{50,sed}$ (d)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017
$DT_{50,whole\ system}$ (d)	1000 (default)	1000 (default)	1000 (default)	y/ EFSA, 2017
Maximum occurrence observed (% molar basis with respect to the parent)	Soil: 0 Water: - Sediment: - Total system: 10.1	Soil: 9.3 Water: - Sediment: - Total system: 0	Soil: 15.5 [2] Water: - Sediment: - Total system: 51.5	y/ EFSA, 2017 or RAR Volume 3_B8
Formation fraction in soil:	-	0.026 [4,5] from TFS	1.0 from parent [1]	y/ EFSA, 2017

[1] Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table "Combined laboratory and field kinetic endpoints for modelling (when not from different populations)"

[2] table 7.1.2 /03-1 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

[3] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP)

[4] Appendix A to EFSA Journal 2017;15(10):4989 (page 62), PEC ground water (Regulation (EU) N° 284/2013, Appendix A, point 9.2.4.1)

[5] worst case, effective ffm assuming direct formation from TFS, E-isomer (1 × (TFS_E=>CGA61) × 0.924 (CGA61=>CGA66) × 0.028 (CGA66=>NOA80))

Table 8.9-100: Input parameters related to active substance trifloxystrobin and metabolites for $PEC_{sw/sed}$ calculations STEP 1/2 and 3(/4) (if necessary)

Compound	CGA 357276 (CGA76)	CGA 381318 (CGA18) major soil photolysis metabolite	Value in accordance to EU endpoint y/n/ Reference
Molecular weight (g/mol)	318.3	394.4 [3]	y/ EFSA, 2017 or RAR Volume 3_B8
Water solubility (mg/L)	0.6 (20 °C)	21000 (25 °C) [4]	y/ EFSA, 2017 or RAR Volume 3_B8
Saturated vapour pressure (Pa)	0 default (20 °C)	0 default (20 °C)	y/ EFSA, 2017
Diffusion coefficient in water (m^2/d)	not required for Step 1+2/ 4.3×10^{-5}	not required for Step 1+2/ 4.3×10^{-5}	default
Diffusion coefficient in air (m^2/d)	not required for Step 1+2/0.43	not required for Step 1+2/0.43	default
K_{foc} (mL/g) / K_{fom}	8074 / 4683	76.5 / 44.4 [4]	y/ EFSA, 2017
Freundlich Exponent 1/n	0.877	0.887 [4]	y/ EFSA, 2017
Plant Uptake	0	0	y/ EFSA, 2017
Wash-Off factor from Crop (1/mm)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	not required for Step 1+2/ 0.05 (MACRO) 0.50 (PRZM)	default
$DT_{50,soil}$ (d)	51.5 (normalised to pF2, 20 °C with Q_{10} of 2.58)	19.4 [1]	y/ EFSA, 2017
$DT_{50,water}$ (d)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017
$DT_{50,sed}$ (d)	1000 (default) (step 1, 2 and 3)	1000 (default) (step 1, 2 and 3)	y/ EFSA, 2017
$DT_{50,whole\ system}$ (d)	1000 (default)	1000 (default)	y/ EFSA, 2017
Maximum occurrence observed (% molar basis with respect to the parent)	Soil: 5.6 [2] Water: - Sediment: - Total system: 10.4 [5]	Soil: 6.2 [2] Water: - Sediment: - Total system: 0	y/ EFSA, 2017 or RAR Volume 3_B8
Formation fraction in soil:	0.0542 from CGA°321113	0.062 from parent (TFS)	y/ EFSA, 2017

[1] Appendix A to EFSA Journal 2017;15(10):4989, (page 46), table "Combined laboratory and field kinetic endpoints for modelling (when not from different populations)"

[2] table 7.1.2 /03-1 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

[3] table 9.2.4.1/01-4 (page 12) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (PPP)

[4] Appendix A to EFSA Journal 2017;15(10):4989 (page 62), PEC ground water (Regulation (EU) N° 284/2013, Appendix A, point 9.2.4.1)

[5] table 7.1.2 /03-2 (page 414) of RAR prepared according to the Commission Regulation (EU) N° 1107/2009, Trifloxystrobin, Volume 3 – B.8 (AS). Value originating from Reinken, G.; Kaune, M.; Bolekhan, A.; 2013; Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU; M-469501-01-1

Trifloxystrobin: Step 1-2

Field beans I – IV

Table 8.9-101: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.113	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-102: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-103: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.113	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-104: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.110	4.60 *
Southern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-105: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.111	4.60 *

Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.112	4.60 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-106: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-107: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.110	4.60 *
Southern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-108: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.

** TWA interval as required by ecotox

Legumes and Sugar beets

Table 8.9-109: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.110	4.60 *
Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-110: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.110	4.60 *

Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-111: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	11.4	RunOff	1.25	235
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.15 *	Drift	0.069	2.87 *
Southern Europe	Jun. - Sep.(Summer)	1.15 *	Drift	0.069	2.87 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-112: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	11.4	RunOff	1.25	235
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.15 *	Drift	0.069	2.87 *
Southern Europe	Oct. - Feb.(Autumn)	1.15 *	Drift	0.069	2.87 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-113: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.112	4.60 *
Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.113	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-114: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Flower bulbs

Table 8.9-115: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.112	4.60 *
Southern	Mar. -	1.84 *	Drift	0.114	4.60 *

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-116: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.112	4.60 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-117: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.115	4.60 *
Southern Europe	Oct. - Feb.(Autumn)	1.84 *	Drift	0.114	4.60 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-118: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.86	RunOff	0.752	141

Step 2					
Northern Europe	Mar. - May(Spring)	0.690 *	Drift	0.042	1.72 *
Southern Europe	Mar. - May(Spring)	0.690 *	Drift	0.043	1.72 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-119: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.86	RunOff	0.752	141
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.690 *	Drift	0.042	1.72 *
Southern Europe	Jun. - Sep.(Summer)	0.690 *	Drift	0.042	1.72 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-120: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.86	RunOff	0.752	141
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.690 *	Drift	0.043	1.72 *
Southern Europe	Oct. - Feb.(Autumn)	0.690 *	Drift	0.043	1.72 *

* Single applications are marked.

** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

Table 8.9-121: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	35.9	RunOff	2.83	377
Step 2					
Northern Europe	Mar. - May(Spring)	19.5 *	Drift	1.16	48.6 *
Southern Europe	Mar. - May(Spring)	19.5 *	Drift	1.16	48.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-122: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	26.9	RunOff	2.41	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	10.5 *	Drift	0.627	26.2 *
Southern Europe	Oct. - Feb.(Autumn)	10.5 *	Drift	0.627	26.2 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-123: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	35.9	RunOff	2.83	377
Step 2					
Northern Europe	Mar. - May(Spring)	19.5 *	Drift	1.16	48.6 *

Southern Europe	Mar. - May(Spring)	19.5 *	Drift	1.16	48.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-124: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	26.9	RunOff	2.41	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	10.5 *	Drift	0.627	26.2 *
Southern Europe	Oct. - Feb.(Autumn)	10.5 *	Drift	0.627	26.2 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-125: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.113	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-126: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.110	4.60 *
Southern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-127: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.111	4.60 *
Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.113	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-128: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.110	4.60 *

Southern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Tobacco and Hops

Table 8.9-129: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.84 *	Drift	0.112	4.60 *
Southern Europe	Mar. - May(Spring)	1.84 *	Drift	0.113	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-130: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.01	377
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.110	4.60 *
Southern Europe	Jun. - Sep.(Summer)	1.84 *	Drift	0.111	4.60 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-131: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	22.0	RunOff	1.89	282
Step 2					
Northern Europe	Jun. - Sep.(Summer)	9.66 *	Drift	0.577	24.1 *
Southern Europe	Jun. - Sep.(Summer)	9.66 *	Drift	0.578	24.1 *

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

Table 8.9-132: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.7	RunOff	1.50	282
Step 2					
Northern Europe	Mar. - May(Spring)	1.35 *	Drift	0.082	3.37 *
Southern Europe	Mar. - May(Spring)	1.35 *	Drift	0.083	3.37 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-133: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	RunOff	1.63	282
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	4.01 *	Drift	0.241	10.0 *

Southern Europe	Oct. - Feb.(Autumn)	4.01 *	Drift	0.241	10.0 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-134: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.00	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.80 *	Drift	0.109	4.50 *
Southern Europe	Mar. - May(Spring)	1.80 *	Drift	0.110	4.50 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-135: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	21.8	RunOff	2.17	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	5.35 *	Drift	0.321	13.4 *
Southern Europe	Oct. - Feb.(Autumn)	5.35 *	Drift	0.321	13.4 *

* Single applications are marked.
** TWA interval as required by ecotox

Vines III – IV

Table 8.9-136: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.7	RunOff	1.50	282
Step 2					
Northern Europe	Mar. - May(Spring)	1.35 *	Drift	0.082	3.37 *
Southern Europe	Mar. - May(Spring)	1.35 *	Drift	0.083	3.37 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-137: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	RunOff	1.63	282
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	4.01 *	Drift	0.241	10.0 *
Southern Europe	Oct. - Feb.(Autumn)	4.01 *	Drift	0.241	10.0 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-138: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.3	RunOff	2.00	377
Step 2					
Northern Europe	Mar. - May(Spring)	1.80 *	Drift	0.109	4.50 *

Southern Europe	Mar. - May(Spring)	1.80 *	Drift	0.110	4.50 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-139: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	21.8	RunOff	2.17	377
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	5.35 *	Drift	0.321	13.4 *
Southern Europe	Oct. - Feb.(Autumn)	5.35 *	Drift	0.321	13.4 *

* Single applications are marked.
** TWA interval as required by ecotox

Vines V

Table 8.9-140: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	RunOff	1.63	282
Step 2					
Northern Europe	Mar. - May(Spring)	4.01 *	Drift	0.240	10.0 *
Southern Europe	Mar. - May(Spring)	4.01 *	Drift	0.241	10.0 *

* Single applications are marked.
** TWA interval as required by ecotox

Vines VI

Table 8.9-141: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.57	RunOff	0.501	94.1
Step 2					
Northern Europe	Mar. - May(Spring)	0.450 *	Drift	0.027	1.12 *
Southern Europe	Mar. - May(Spring)	0.450 *	Drift	0.028	1.12 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-142: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.45	RunOff	0.543	94.1
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.34 *	Drift	0.080	3.34 *
Southern Europe	Oct. - Feb.(Autumn)	1.34 *	Drift	0.080	3.34 *

* Single applications are marked.
** TWA interval as required by ecotox

Step 3

Field beans I – IV

Table 8.9-143: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	1.05	*	Spray drift	0.111	0.919	*
D2	Stream	0.876	*	Spray drift	0.003	0.045	*
D3	Ditch	1.05	*	Spray drift	0.058	0.542	*
D4	Pond	0.042	*	Spray drift	0.033	0.103	*
D4	Stream	0.841	*	Spray drift	0.002	0.031	*
D6	Ditch	1.04	*	Spray drift	0.028	0.332	*
D6	Ditch 2nd	1.03	*	Spray drift	0.015	0.181	*
R1	Pond	0.042	*	Spray drift	0.033	0.077	*
R1	Stream	0.722	*	Spray drift	0.006	0.094	*
R2	Stream	0.956	*	Spray drift	0.004	0.058	*
R3	Stream	1.02	*	Spray drift	0.017	0.232	*
R4	Stream	0.724	*	Spray drift	0.008	0.098	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-144: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	1.06	*	Spray drift	0.381	1.47	*
D2	Stream	0.989	*	Spray drift	0.347	1.37	*
D3	Ditch	1.05	*	Spray drift	0.091	0.650	*
D4	Pond	0.042	*	Spray drift	0.033	0.070	*
D4	Stream	0.911	*	Spray drift	0.005	0.072	*
D6	Ditch	1.05	*	Spray drift	0.237	0.934	*
D6	Ditch 2nd	1.05	*	Spray drift	0.075	0.546	*

R1	Pond	0.042	*	Spray drift	0.032	0.058	*
R1	Stream	0.726	*	Spray drift	0.007	0.104	*
R2	Stream	0.973	*	Spray drift	0.005	0.073	*
R3	Stream	1.02	*	Spray drift	0.018	0.232	*
R4	Stream	0.711	*	Spray drift	0.004	0.063	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-145: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II, BBCH 19 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	1.05	*	Spray drift	0.132	0.919	*
D2	Stream	0.876	*	Spray drift	0.003	0.045	*
D3	Ditch	1.05	*	Spray drift	0.061	0.560	*
D4	Pond	0.057		Spray drift	0.045	0.094	
D4	Stream	0.898	*	Spray drift	0.009	0.084	
D6	Ditch	1.03	*	Spray drift	0.149	0.770	
D6	Ditch 2nd	1.03	*	Spray drift	0.036	0.223	
R1	Pond	0.049		Spray drift	0.039	0.079	
R1	Stream	0.715	*	Spray drift	0.008	0.184	
R2	Stream	0.958	*	Spray drift	0.009	0.081	
R3	Stream	1.02	*	Spray drift	0.032	0.266	
R4	Stream	0.724	*	Spray drift	0.022	0.304	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-146: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	1.06	*	Spray drift	0.509	1.30	

D2	Stream	0.989 *	Spray drift	0.299	1.18
D3	Ditch	1.05 *	Spray drift	0.079	0.593 *
D4	Pond	0.059	Spray drift	0.046	0.084
D4	Stream	0.946 *	Spray drift	0.021	0.164 *
D6	Ditch	1.05 *	Spray drift	0.222	0.713
D6	Ditch 2nd	1.05 *	Spray drift	0.115	0.451
R1	Pond	0.059	Spray drift	0.045	0.083
R1	Stream	0.718 *	Spray drift	0.011	0.178 *
R2	Stream	0.973 *	Spray drift	0.009	0.073 *
R3	Stream	1.02 *	Spray drift	0.033	0.209 *
R4	Stream	0.711 *	Spray drift	0.019	0.382 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-147: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III, BBCH 23 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	1.06 *	Spray drift	0.236	1.28
D2	Stream	0.935 *	Spray drift	0.164	0.883
D3	Ditch	1.05 *	Spray drift	0.110	0.542 *
D4	Pond	0.061	Spray drift	0.048	0.101
D4	Stream	0.898 *	Spray drift	0.008	0.071
D6	Ditch	1.03 *	Spray drift	0.109	0.588
D6	Ditch 2nd	1.03 *	Spray drift	0.036	0.232 *
R1	Pond	0.059	Spray drift	0.047	0.094
R1	Stream	0.725 *	Spray drift	0.012	0.186
R2	Stream	0.958 *	Spray drift	0.009	0.081
R3	Stream	1.02 *	Spray drift	0.036	0.383 *
R4	Stream	0.724 *	Spray drift	0.019	0.183

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-148: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III, BBCH 95 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	1.06 *	Spray drift	0.414	1.32
D2	Stream	0.989 *	Spray drift	0.381	1.22 *
D3	Ditch	1.05 *	Spray drift	0.139	0.650 *
D4	Pond	0.050	Spray drift	0.039	0.083
D4	Stream	0.949 *	Spray drift	0.013	0.178 *
D6	Ditch	1.06 *	Spray drift	0.357	0.888 *
D6	Ditch 2nd	1.05 *	Spray drift	0.168	0.578
R1	Pond	0.053	Spray drift	0.040	0.075
R1	Stream	0.718 *	Spray drift	0.006	0.090
R2	Stream	0.973 *	Spray drift	0.009	0.073 *
R3	Stream	1.02 *	Spray drift	0.033	0.209 *
R4	Stream	0.711 *	Spray drift	0.018	0.190

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-149: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV, BBCH 40 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	1.06 *	Spray drift	0.400	1.47 *
D2	Stream	0.978 *	Spray drift	0.191	1.02 *
D3	Ditch	1.05 *	Spray drift	0.111	0.543 *
D4	Pond	0.063	Spray drift	0.049	0.090
D4	Stream	0.941 *	Spray drift	0.019	0.147
D6	Ditch	1.03 *	Spray drift	0.109	0.588
D6	Ditch 2nd	1.03 *	Spray drift	0.056	0.324
R1	Pond	0.065	Spray drift	0.051	0.097
R1	Stream	0.726 *	Spray drift	0.017	0.364 *
R2	Stream	0.958 *	Spray drift	0.010	0.084

R3	Stream	1.02	*	Spray drift	0.017	0.232	*
R4	Stream	0.724	*	Spray drift	0.030	0.540	

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-150: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	1.44		Spray drift	0.797	1.99	
D2	Stream	0.989	*	Spray drift	0.479	1.18	*
D3	Ditch	1.05	*	Spray drift	0.134	0.589	*
D4	Pond	0.063		Spray drift	0.049	0.090	
D4	Stream	0.941	*	Spray drift	0.019	0.151	
D6	Ditch	1.04	*	Spray drift	0.116	0.592	
D6	Ditch 2nd	1.04	*	Spray drift	0.081	0.374	*
R1	Pond	0.059		Spray drift	0.045	0.083	
R1	Stream	0.718	*	Spray drift	0.011	0.178	*
R2	Stream	0.973	*	Spray drift	0.009	0.073	*
R3	Stream	1.02	*	Spray drift	0.018	0.232	*
R4	Stream	0.724	*	Spray drift	0.030	0.540	

* Single applications are marked.
** TWA interval as required by ecotox

Legumes and Sugar beets

Table 8.9-151: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes, BBCH 59 - 89 -- Legumes, BBCH 59 - 89 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.05	*	-	0.097	0.506	*
D4	Pond	0.061		-	0.047	0.091	

D4	Stream	0.866	*	-	0.004	0.039	*
D5	Pond	0.061		-	0.048	0.093	
D5	Stream	1.00	*	-	0.024	0.212	
D6	Ditch	1.04	*	-	0.053	0.399	*
R1	Pond	0.062		-	0.049	0.091	
R1	Stream	0.726	*	-	0.018	0.390	*
R2	Stream	0.971	*	-	0.009	0.176	
R3	Stream	1.02	*	-	0.031	0.232	*
R4	Stream	0.697	*	-	0.016	0.104	

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-152: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes, BBCH 59 - 79 -- Legumes, BBCH 59 - 79 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.05	*	-	0.058	0.506	*
D4	Pond	0.058		-	0.045	0.083	
D4	Stream	0.866	*	-	0.004	0.039	*
D5	Pond	0.059		-	0.047	0.091	
D5	Stream	1.00	*	-	0.024	0.211	
D6	Ditch	1.04	*	-	0.053	0.399	*
R1	Pond	0.062		-	0.049	0.091	
R1	Stream	0.726	*	-	0.018	0.390	*
R2	Stream	0.971	*	-	0.012	0.550	
R3	Stream	1.02	*	-	0.031	0.232	*
R4	Stream	0.697	*	-	0.016	0.104	

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-153: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 39 -- 2×0.125 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.654 *	-	0.036	0.315 *
D4	Pond	0.030	-	0.023	0.050
D4	Stream	0.544 *	-	0.002	0.026 *
R1	Pond	0.037	-	0.028	0.052
R1	Stream	0.450 *	-	0.007	0.107 *
R3	Stream	0.640 *	-	0.020	0.143 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-154: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 40 -- 2×0.125 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.654 *	-	0.036	0.378 *
D4	Pond	0.035	-	0.029	0.097
D4	Stream	0.569 *	-	0.004	0.062
R1	Pond	0.037	-	0.030	0.089
R1	Stream	0.454 *	-	0.009	0.092
R3	Stream	0.639 *	-	0.012	0.161 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-155: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, early -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D3	Ditch	1.05	*	-	0.058	0.544	*
D4	Pond	0.042	*	-	0.033	0.079	*
D4	Stream	0.867	*	-	0.003	0.040	*
R1	Pond	0.042	*	-	0.032	0.075	*
R1	Stream	0.723	*	-	0.007	0.097	*
R3	Stream	1.02	*	-	0.017	0.230	*

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-156: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, late -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.05	*	-	0.048	0.487	*
D4	Pond	0.042	*	-	0.033	0.082	*
D4	Stream	0.915	*	-	0.005	0.080	*
R1	Pond	0.042	*	-	0.032	0.069	*
R1	Stream	0.726	*	-	0.007	0.106	*
R3	Stream	1.02	*	-	0.018	0.216	*

* Single applications are marked.

** TWA interval as required by ecotox

Flower bulbs

Table 8.9-157: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.068	0.646	*
D4	Pond	0.044	*	Spray drift	0.034	0.081	*
D4	Stream	0.971	*	Spray drift	0.002	0.036	*
D6	Ditch	1.27	*	Spray drift	0.143	0.876	*
D6	Ditch 2nd	1.27	*	Spray drift	0.313	1.61	*
R1	Pond	0.044	*	Spray drift	0.033	0.078	*

R1	Stream	0.820	*	Spray drift	0.006	0.075	*
R2	Stream	1.10	*	Spray drift	0.005	0.067	*
R3	Stream	1.17	*	Spray drift	0.016	0.224	*
R4	Stream	0.829	*	Spray drift	0.012	0.144	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-158: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (middle) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.26	*	Spray drift	0.066	0.596	*
D4	Pond	0.044	*	Spray drift	0.032	0.058	*
D4	Stream	0.886	*	Spray drift	0.001	0.020	*
D6	Ditch	1.28	*	Spray drift	0.350	0.938	*
D6	Ditch 2nd	1.27	*	Spray drift	0.145	1.10	*
R1	Pond	0.044	*	Spray drift	0.033	0.060	*
R1	Stream	0.821	*	Spray drift	0.006	0.078	*
R2	Stream	1.12	*	Spray drift	0.006	0.087	*
R3	Stream	1.18	*	Spray drift	0.020	0.243	*
R4	Stream	0.808	*	Spray drift	0.004	0.057	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-159: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.068	0.609	*
D4	Pond	0.044	*	Spray drift	0.033	0.071	*
D4	Stream	0.896	*	Spray drift	0.001	0.021	*
D6	Ditch	1.28	*	Spray drift	0.350	0.938	*
D6	Ditch 2nd	1.27	*	Spray drift	0.145	1.10	*
R1	Pond	0.044	*	Spray drift	0.033	0.059	*

R1	Stream	0.821	*	Spray drift	0.005	0.076	*
R2	Stream	1.12	*	Spray drift	0.007	0.087	*
R3	Stream	1.18	*	Spray drift	0.020	0.243	*
R4	Stream	0.808	*	Spray drift	0.017	0.306	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-160: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (early) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.475	*	Spray drift	0.044	0.243	*
D4	Pond	0.030		Spray drift	0.024	0.050	
D4	Stream	0.364	*	Spray drift	0.001	0.013	*
D6	Ditch	0.477	*	Spray drift	0.234	0.331	*
D6	Ditch 2nd	0.478	*	Spray drift	0.117	0.611	*
R1	Pond	0.030		Spray drift	0.025	0.050	
R1	Stream	0.307	*	Spray drift	0.004	0.047	
R2	Stream	0.413	*	Spray drift	0.004	0.118	
R3	Stream	0.439	*	Spray drift	0.016	0.146	
R4	Stream	0.311	*	Spray drift	0.012	0.132	

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-161: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (late) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.475	*	Spray drift	0.034	0.225	*
D4	Pond	0.031		Spray drift	0.025	0.059	
D4	Stream	0.335	*	Spray drift	0.002	0.012	
D6	Ditch	0.478	*	Spray drift	0.255	0.373	*

D6	Ditch 2nd	0.469 *	Spray drift	0.091	0.322
R1	Pond	0.031	Spray drift	0.024	0.045
R1	Stream	0.308 *	Spray drift	0.005	0.124
R2	Stream	0.414 *	Spray drift	0.004	0.031
R3	Stream	0.441 *	Spray drift	0.016	0.150
R4	Stream	0.311 *	Spray drift	0.013	0.132

* Single applications are marked.
** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

Table 8.9-162: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	15.5 *	Spray drift	1.61	8.15 *
D4	Pond	1.51	Spray drift	1.20	2.38
D4	Stream	15.8 *	Spray drift	0.156	1.38
D5	Pond	1.51	Spray drift	1.22	3.20
D5	Stream	16.2 *	Spray drift	0.100	1.02
R1	Pond	1.51	Spray drift	1.18	2.73
R1	Stream	12.5 *	Spray drift	0.151	1.52 *
R2	Stream	16.6 *	Spray drift	0.112	1.01 *
R3	Stream	17.7 *	Spray drift	0.462	3.71 *
R4	Stream	12.6 *	Spray drift	0.207	1.75 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-163: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	7.34 *	Spray drift	1.06	5.23
D4	Pond	0.506	Spray drift	0.407	1.01

D4	Stream	7.20 *	Spray drift	0.085	0.796 *
D5	Pond	0.505	Spray drift	0.402	0.734
D5	Stream	7.94 *	Spray drift	0.231	1.86 *
R1	Pond	0.445	Spray drift	0.351	0.912
R1	Stream	5.63 *	Spray drift	0.090	0.818 *
R2	Stream	7.55 *	Spray drift	0.062	0.573 *
R3	Stream	7.94 *	Spray drift	0.190	1.74 *
R4	Stream	5.63 *	Spray drift	0.094	0.785 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-164: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	11.6 *	Spray drift	1.21	6.13 *
D4	Pond	1.06	Spray drift	0.839	1.68
D4	Stream	11.9 *	Spray drift	0.131	1.17
D5	Pond	0.971	Spray drift	0.774	1.59
D5	Stream	12.1 *	Spray drift	0.050	0.765
R1	Pond	1.05	Spray drift	0.821	1.93
R1	Stream	9.40 *	Spray drift	0.114	1.14 *
R2	Stream	12.5 *	Spray drift	0.095	0.817
R3	Stream	13.3 *	Spray drift	0.346	2.79 *
R4	Stream	9.46 *	Spray drift	0.122	1.31 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-165: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D3	Ditch	5.50 *	Spray drift	0.809	3.73 *
D4	Pond	0.342	Spray drift	0.275	0.677
D4	Stream	5.32 *	Spray drift	0.056	0.479
D5	Pond	0.354	Spray drift	0.281	0.517
D5	Stream	5.96 *	Spray drift	0.173	1.39 *
R1	Pond	0.333	Spray drift	0.263	0.686
R1	Stream	4.22 *	Spray drift	0.068	0.614 *
R2	Stream	5.66 *	Spray drift	0.029	0.426 *
R3	Stream	5.95 *	Spray drift	0.107	1.27 *
R4	Stream	4.22 *	Spray drift	0.075	0.589 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-166: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	1.26 *	Spray drift	0.118	0.637 *
D3	Ditch 2nd	1.27 *	Spray drift	0.073	0.638 *
D4	Pond	0.056	Spray drift	0.043	0.091
D4	Stream	1.02 *	Spray drift	0.004	0.059 *
D6	Ditch	1.24 *	Spray drift	0.038	0.246
R1	Pond	0.063	Spray drift	0.049	0.120
R1	Pond 2nd	0.061	Spray drift	0.047	0.100
R1	Stream	0.834 *	Spray drift	0.012	0.113 *
R1	Stream 2nd	0.837 *	Spray drift	0.014	0.120 *
R2	Stream	1.10 *	Spray drift	0.005	0.068 *
R2	Stream 2nd	1.12 *	Spray drift	0.010	0.085 *
R3	Stream	1.17 *	Spray drift	0.032	0.269
R3	Stream 2nd	1.18 *	Spray drift	0.036	0.249 *
R4	Stream	0.835 *	Spray drift	0.030	0.293
R4	Stream 2nd	0.829 *	Spray drift	0.013	0.093 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-167: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 3					
D3	Ditch	1.27 *	Spray drift	0.120	0.635 *
D3	Ditch 2nd	1.26 *	Spray drift	0.078	0.472 *
D4	Pond	0.060	Spray drift	0.047	0.108
D4	Stream	0.902 *	Spray drift	0.004	0.040
D6	Ditch	1.24 *	Spray drift	0.049	0.399
R1	Pond	0.055	Spray drift	0.045	0.090
R1	Pond 2nd	0.059	Spray drift	0.046	0.124
R1	Stream	0.837 *	Spray drift	0.012	0.448
R1	Stream 2nd	0.837 *	Spray drift	0.015	0.122 *
R2	Stream	1.12 *	Spray drift	0.011	0.289
R2	Stream 2nd	1.11 *	Spray drift	0.013	0.378 *
R3	Stream	1.18 *	Spray drift	0.021	0.280 *
R3	Stream 2nd	1.18 *	Spray drift	0.018	0.225
R4	Stream	0.835 *	Spray drift	0.033	0.410
R4	Stream 2nd	0.837 *	Spray drift	0.022	0.249

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-168: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for trifloxystrobin following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 3					
D3	Ditch	1.26 *	Spray drift	0.067	0.637 *
D3	Ditch 2nd	1.27 *	Spray drift	0.073	0.638 *
D4	Pond	0.044 *	Spray drift	0.033	0.068 *
D4	Stream	1.02 *	Spray drift	0.004	0.059 *
D6	Ditch	1.24 *	Spray drift	0.019	0.227 *
R1	Pond	0.044 *	Spray drift	0.033	0.078 *
R1	Pond 2nd	0.044 *	Spray drift	0.033	0.060 *

R1	Stream	0.834	*	Spray drift	0.008	0.113	*
R1	Stream 2nd	0.837	*	Spray drift	0.008	0.120	*
R2	Stream	1.10	*	Spray drift	0.005	0.068	*
R2	Stream 2nd	1.12	*	Spray drift	0.006	0.085	*
R3	Stream	1.17	*	Spray drift	0.016	0.230	*
R3	Stream 2nd	1.18	*	Spray drift	0.021	0.249	*
R4	Stream	0.835	*	Spray drift	0.016	0.202	*
R4	Stream 2nd	0.829	*	Spray drift	0.007	0.093	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-169: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	1.27	*	Spray drift	0.069	0.635	*
D3	Ditch 2nd	1.26	*	Spray drift	0.042	0.472	*
D4	Pond	0.044	*	Spray drift	0.033	0.071	*
D4	Stream	0.902	*	Spray drift	0.001	0.022	*
D6	Ditch	1.26	*	Spray drift	0.042	0.451	*
R1	Pond	0.044	*	Spray drift	0.037	0.075	*
R1	Pond 2nd	0.044	*	Spray drift	0.033	0.075	*
R1	Stream	0.837	*	Spray drift	0.013	0.448	*
R1	Stream 2nd	0.837	*	Spray drift	0.009	0.122	*
R2	Stream	1.12	*	Spray drift	0.006	0.156	*
R2	Stream 2nd	1.11	*	Spray drift	0.006	0.206	*
R3	Stream	1.18	*	Spray drift	0.021	0.280	*
R3	Stream 2nd	1.18	*	Spray drift	0.019	0.226	*
R4	Stream	0.835	*	Spray drift	0.022	0.408	*
R4	Stream 2nd	0.837	*	Spray drift	0.011	0.117	*

* Single applications are marked.
** TWA interval as required by ecotox

Tobacco and Hops

Table 8.9-170: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39 -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R3	Stream	0.942 *	Spray drift	0.017	0.213 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-171: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT02 (Hops [ID: 141] -- BBCH 37 - 79, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.466	Spray drift	0.352	0.634
R1	Stream	5.64 *	Spray drift	0.066	0.713 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-172: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.430	Spray drift	0.328	0.598
R1	Stream	5.52 *	Spray drift	0.048	0.690

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

Table 8.9-173: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines I -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	2.52 *	Spray drift	0.261	1.77
R1	Pond	0.140	Spray drift	0.109	0.263
R1	Stream	1.87 *	Spray drift	0.022	0.218 *
R2	Stream	2.48 *	Spray drift	0.017	0.150 *
R3	Stream	2.64 *	Spray drift	0.038	0.527 *
R4	Stream	1.88 *	Spray drift	0.028	0.262 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-174: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines I -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	2.61	Spray drift	1.28	2.91 *
R1	Pond	0.137	Spray drift	0.103	0.189
R1	Stream	1.88 *	Spray drift	0.025	0.251 *
R2	Stream	2.53 *	Spray drift	0.023	0.190 *
R3	Stream	2.66 *	Spray drift	0.083	0.560 *
R4	Stream	1.88 *	Spray drift	0.033	0.258 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-175: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines I -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.09	Spray drift	1.29	3.11
R1	Pond	0.129	Spray drift	0.101	0.268

R1	Stream	1.88 *	Spray drift	0.033	0.274 *
R2	Stream	2.53 *	Spray drift	0.023	0.192 *
R3	Stream	2.66 *	Spray drift	0.048	0.582 *
R4	Stream	1.88 *	Spray drift	0.039	0.262 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-176: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines II -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.36 *	Spray drift	0.349	2.36
R1	Pond	0.187	Spray drift	0.145	0.350
R1	Stream	2.49 *	Spray drift	0.029	0.290 *
R2	Stream	3.31 *	Spray drift	0.023	0.200 *
R3	Stream	3.52 *	Spray drift	0.050	0.702 *
R4	Stream	2.51 *	Spray drift	0.037	0.349 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-177: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT04 (vines II -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.49	Spray drift	1.71	3.87 *
R1	Pond	0.182	Spray drift	0.138	0.251
R1	Stream	2.51 *	Spray drift	0.033	0.334 *
R2	Stream	3.37 *	Spray drift	0.030	0.254 *
R3	Stream	3.54 *	Spray drift	0.110	0.746 *
R4	Stream	2.51 *	Spray drift	0.044	0.343 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-178: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT05 (vines II -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	4.12	Spray drift	1.72	4.14
R1	Pond	0.172	Spray drift	0.135	0.356
R1	Stream	2.51 *	Spray drift	0.044	0.366 *
R2	Stream	3.37 *	Spray drift	0.030	0.256 *
R3	Stream	3.54 *	Spray drift	0.064	0.776 *
R4	Stream	2.51 *	Spray drift	0.053	0.349 *

* Single applications are marked.
** TWA interval as required by ecotox

Vines III – IV

Table 8.9-179: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	2.52 *	Spray drift	0.261	1.77
R1	Pond	0.132	Spray drift	0.103	0.249
R1	Stream	1.87 *	Spray drift	0.022	0.218 *
R2	Stream	2.48 *	Spray drift	0.019	0.165
R3	Stream	2.64 *	Spray drift	0.038	0.527 *
R4	Stream	1.88 *	Spray drift	0.030	0.262 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-180: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	2.57	*	Spray drift	1.19	2.91	*
R1	Pond	0.134		Spray drift	0.101	0.185	
R1	Stream	1.88	*	Spray drift	0.025	0.251	*
R2	Stream	2.53	*	Spray drift	0.023	0.190	*
R3	Stream	2.66	*	Spray drift	0.083	0.560	*
R4	Stream	1.88	*	Spray drift	0.033	0.258	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-181: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to beries (simulated use PMT02 (vines III -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	2.57	*	Spray drift	1.08	2.53	*
R1	Pond	0.129		Spray drift	0.101	0.268	
R1	Stream	1.88	*	Spray drift	0.033	0.274	*
R2	Stream	2.53	*	Spray drift	0.013	0.190	*
R3	Stream	2.66	*	Spray drift	0.080	1.09	
R4	Stream	1.88	*	Spray drift	0.033	0.258	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-182: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.36 *	Spray drift	0.349	2.36
R1	Pond	0.177	Spray drift	0.137	0.331
R1	Stream	2.49 *	Spray drift	0.030	0.290 *
R2	Stream	3.31 *	Spray drift	0.026	0.219
R3	Stream	3.52 *	Spray drift	0.050	0.702 *
R4	Stream	2.51 *	Spray drift	0.041	0.349 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-183: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT04 (vines IV -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.43 *	Spray drift	1.59	3.87 *
R1	Pond	0.178	Spray drift	0.135	0.246
R1	Stream	2.51 *	Spray drift	0.033	0.334 *
R2	Stream	3.37 *	Spray drift	0.030	0.254 *
R3	Stream	3.54 *	Spray drift	0.110	0.746 *
R4	Stream	2.51 *	Spray drift	0.044	0.343 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-184: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT05 (vines IV -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	3.43 *	Spray drift	1.44	3.37 *
R1	Pond	0.172	Spray drift	0.135	0.356

R1	Stream	2.51	*	Spray drift	0.044	0.366	*
R2	Stream	3.37	*	Spray drift	0.017	0.254	*
R3	Stream	3.54	*	Spray drift	0.064	0.776	*
R4	Stream	2.51	*	Spray drift	0.044	0.343	*

* Single applications are marked.
** TWA interval as required by ecotox

Vines V

Table 8.9-185: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40-69 -- 2×0.15 kg a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	2.56	*	Spray drift	0.243	2.00	*
R1	Pond	0.124		Spray drift	0.094	0.163	
R1	Stream	1.88	*	Spray drift	0.019	0.255	*
R2	Stream	2.52	*	Spray drift	0.012	0.185	*
R3	Stream	2.66	*	Spray drift	0.047	0.600	*
R4	Stream	1.85	*	Spray drift	0.013	0.172	*

* Single applications are marked.
** TWA interval as required by ecotox

Vines VI

Table 8.9-186: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- early, BBCH 15 -- 2×0.05 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	0.840	*	Spray drift	0.087	0.596	
R1	Pond	0.044		Spray drift	0.034	0.084	
R1	Stream	0.622	*	Spray drift	0.007	0.073	*
R2	Stream	0.827	*	Spray drift	0.006	0.055	
R3	Stream	0.880	*	Spray drift	0.013	0.176	*
R4	Stream	0.627	*	Spray drift	0.010	0.087	*

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-187: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- middle, BBCH 65 -- 2×0.05 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	0.856	*	Spray drift	0.396	0.981	*
R1	Pond	0.045		Spray drift	0.033	0.062	
R1	Stream	0.626	*	Spray drift	0.008	0.084	*
R2	Stream	0.842	*	Spray drift	0.008	0.064	*
R3	Stream	0.885	*	Spray drift	0.028	0.187	*
R4	Stream	0.628	*	Spray drift	0.011	0.086	*

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-188: FOCUS Step 3 PEC_{sw} and PEC_{sed} for trifloxystrobin following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT02 (vines VI [ID: 138-140] -- late, BBCH 85 -- 2×0.05 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	0.856	*	Spray drift	0.379	0.590	*
R1	Pond	0.039		Spray drift	0.030	0.065	
R1	Stream	0.628	*	Spray drift	0.006	0.090	*
R2	Stream	0.842	*	Spray drift	0.004	0.064	*
R3	Stream	0.885	*	Spray drift	0.016	0.189	*
R4	Stream	0.628	*	Spray drift	0.011	0.086	*

* Single applications are marked.

** TWA interval as required by ecotox

Step 4

Field beans I – IV

Table 8.9-189: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans I -- field beans (early) -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	1.05	0.345	0.183	0.095	0.183	0.095		
50 %		0.526	0.172	0.091	0.048	0.091	0.048		
75 %		0.263	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D2 Stream	0.876	0.369	0.196	0.102	0.196	0.102		
50 %		0.438	0.185	0.098	0.051	0.098	0.051		
75 %		0.219	0.092	0.049	0.025	0.049	0.025		
90 %		0.088	0.037	0.020	0.010	0.020	0.010		
None	D3 Ditch	1.05	0.343	0.182	0.095	0.182	0.095		
50 %		0.524	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.841	0.354	0.188	0.098	0.188	0.098		
50 %		0.420	0.177	0.094	0.049	0.094	0.049		
75 %		0.210	0.089	0.047	0.024	0.047	0.024		
90 %		0.084	0.035	0.019	0.010	0.019	0.010		
None	D6 Ditch	1.04	0.340	0.180	0.094	0.180	0.094		
50 %		0.519	0.170	0.090	0.047	0.090	0.047		
75 %		0.259	0.085	0.045	0.023	0.045	0.023		
90 %		0.104	0.034	0.018	0.009	0.018	0.009		
None	D6 Ditch 2nd	1.03	0.336	0.178	0.093	0.178	0.093		
50 %		0.513	0.168	0.089	0.046	0.089	0.046		
75 %		0.257	0.084	0.045	0.023	0.045	0.023		
90 %		0.103	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.722	0.304	0.161	0.084	0.161	0.084		

50 %		0.361	0.152	0.081	0.042	0.081	0.042		
75 %		0.181	0.076	0.040	0.021	0.040	0.021		
90 %		0.072	0.030	0.016	0.008	0.016	0.008		
None	R2 Stream	0.956	0.402	0.213	0.111	0.213	0.111		
50 %		0.478	0.201	0.107	0.055	0.107	0.055		
75 %		0.239	0.101	0.053	0.028	0.053	0.028		
90 %		0.096	0.040	0.021	0.011	0.021	0.011		
None	R3 Stream	1.02	0.430	0.228	0.119	0.228	0.119		
50 %		0.511	0.215	0.114	0.059	0.114	0.059		
75 %		0.255	0.108	0.057	0.030	0.057	0.030		
90 %		0.102	0.043	0.023	0.012	0.023	0.012		
None	R4 Stream	0.724	0.305	0.162	0.084	0.162	0.084		
50 %		0.362	0.152	0.081	0.042	0.081	0.042		
75 %		0.181	0.076	0.040	0.039	0.040	0.021		
90 %		0.072	0.039	0.039	0.039	0.018	0.009		

Table 8.9-190: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans I -- field beans (late) -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	1.06	0.347	0.184	0.096	0.184	0.096		
50 %		0.530	0.174	0.092	0.048	0.092	0.048		
75 %		0.265	0.087	0.046	0.024	0.046	0.024		
90 %		0.106	0.035	0.018	0.010	0.018	0.010		
None	D2 Stream	0.989	0.416	0.221	0.115	0.221	0.115		
50 %		0.495	0.208	0.110	0.057	0.110	0.057		
75 %		0.247	0.104	0.055	0.029	0.055	0.029		
90 %		0.099	0.042	0.022	0.012	0.022	0.012		
None	D3 Ditch	1.05	0.344	0.183	0.095	0.183	0.095		
50 %		0.525	0.172	0.091	0.048	0.091	0.048		
75 %		0.263	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.911	0.384	0.203	0.106	0.203	0.106		

50 %		0.455	0.192	0.102	0.053	0.102	0.053		
75 %		0.228	0.096	0.051	0.026	0.051	0.026		
90 %		0.091	0.038	0.020	0.011	0.020	0.011		
None	D6 Ditch	1.05	0.346	0.183	0.095	0.183	0.095		
50 %		0.527	0.173	0.092	0.048	0.092	0.048		
75 %		0.264	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.035	0.018	0.010	0.018	0.010		
None	D6 Ditch 2nd	1.05	0.344	0.182	0.095	0.182	0.095		
50 %		0.525	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	R1 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.726	0.306	0.162	0.084	0.162	0.084		
50 %		0.363	0.153	0.081	0.042	0.081	0.042		
75 %		0.182	0.076	0.041	0.021	0.041	0.021		
90 %		0.073	0.031	0.016	0.008	0.016	0.008		
None	R2 Stream	0.973	0.410	0.217	0.113	0.217	0.113		
50 %		0.487	0.205	0.109	0.057	0.109	0.057		
75 %		0.243	0.102	0.054	0.028	0.054	0.028		
90 %		0.097	0.041	0.022	0.011	0.022	0.011		
None	R3 Stream	1.02	0.431	0.229	0.119	0.229	0.119		
50 %		0.512	0.215	0.114	0.059	0.114	0.059		
75 %		0.256	0.108	0.057	0.030	0.057	0.030		
90 %		0.102	0.043	0.023	0.012	0.023	0.012		
None	R4 Stream	0.711	0.299	0.159	0.082	0.159	0.082		
50 %		0.355	0.150	0.079	0.041	0.079	0.041		
75 %		0.178	0.075	0.040	0.021	0.040	0.021		
90 %		0.071	0.030	0.016	0.008	0.016	0.008		

Table 8.9-191: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to beans and nurseries according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans II -- field beans II, BBCH 19 -- 2×0.2 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	1.05	0.345	0.183	0.095	0.183	0.095		
50 %		0.526	0.172	0.091	0.048	0.091	0.048		
75 %		0.263	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D2 Stream	0.876	0.369	0.196	0.102	0.196	0.102		
50 %		0.438	0.185	0.098	0.051	0.098	0.051		
75 %		0.219	0.092	0.049	0.025	0.049	0.025		
90 %		0.088	0.037	0.020	0.010	0.020	0.010		
None	D3 Ditch	1.05	0.343	0.182	0.095	0.182	0.095		
50 %		0.524	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.057*	*0.051*	*0.036*	*0.024*	*0.036*	*0.024*		
50 %		*0.029*	*0.025*	*0.018*	*0.012*	*0.018*	*0.012*		
75 %		*0.014*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.002*	*0.004*	*0.002*		
None	D4 Stream	0.898	0.378	0.200	0.104	0.200	0.104		
50 %		0.449	0.189	0.100	0.052	0.100	0.052		
75 %		0.224	0.095	0.050	0.026	0.050	0.026		
90 %		0.090	0.038	0.020	0.010	0.020	0.010		
None	D6 Ditch	1.03	0.339	0.180	0.093	0.180	0.093		
50 %		0.517	0.169	0.090	0.047	0.090	0.047		
75 %		0.258	0.085	0.045	0.023	0.045	0.023		
90 %		0.103	0.034	0.018	0.009	0.018	0.009		
None	D6 Ditch 2nd	1.03	0.337	0.179	0.093	0.179	0.093		
50 %		0.515	0.169	0.089	0.047	0.089	0.047		
75 %		0.257	0.084	0.045	0.023	0.045	0.023		
90 %		0.103	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.049*	*0.043*	*0.031*	*0.020*	*0.031*	*0.020*		
50 %		*0.025*	*0.022*	*0.016*	*0.012*	*0.016*	*0.010*		
75 %		*0.013*	*0.012*	*0.010*	*0.008*	*0.008*	*0.005*		
90 %		*0.008*	*0.007*	*0.006*	*0.005*	*0.004*	*0.002*		
None	R1 Stream	0.715	0.301	0.160	0.083	0.160	0.083		

50 %		0.358	0.151	0.080	*0.047*	0.080	0.042		
75 %		0.179	0.075	*0.047*	*0.047*	0.040	0.021		
90 %		0.072	*0.047*	*0.047*	*0.047*	*0.021*	*0.011*		
None	R2 Stream	0.958	0.403	0.214	0.111	0.214	0.111		
50 %		0.479	0.202	0.107	0.056	0.107	0.056		
75 %		0.239	0.101	0.054	*0.043*	0.054	0.028		
90 %		0.096	*0.043*	*0.043*	*0.043*	0.021	0.011		
None	R3 Stream	1.02	0.430	0.228	0.119	0.228	0.119		
50 %		0.511	0.215	0.114	0.067	0.114	0.059		
75 %		0.255	0.108	0.067	0.067	0.057	0.030		
90 %		0.102	0.067	0.067	0.067	0.030	0.016		
None	R4 Stream	0.724	0.305	0.283	0.283	0.162	0.084		
50 %		0.362	0.283	0.283	0.283	0.129	0.067		
75 %		0.283	0.283	0.283	0.283	0.129	0.067		
90 %		0.283	0.283	0.283	0.283	0.129	0.067		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-192: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to beans and nurseries according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans II -- field beans II, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	1.06	0.347	0.184	0.096	0.184	0.096		
50 %		0.530	0.174	0.092	0.048	0.092	0.048		
75 %		0.265	0.087	0.046	0.024	0.046	0.024		
90 %		0.106	0.035	0.018	0.010	0.018	0.010		
None	D2 Stream	0.989	0.416	0.221	0.115	0.221	0.115		
50 %		0.495	0.208	0.110	0.057	0.110	0.057		
75 %		0.247	0.104	0.055	0.029	0.055	0.029		
90 %		0.099	0.042	0.022	0.012	0.022	0.012		
None	D3 Ditch	1.05	0.344	0.182	0.095	0.182	0.095		
50 %		0.525	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.059*	*0.052*	*0.037*	*0.024*	*0.037*	*0.024*		
50 %		*0.029*	*0.026*	*0.019*	*0.012*	*0.019*	*0.012*		
75 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.002*	*0.004*	*0.002*		

None	D4 Stream	0.946	0.399	0.211	0.110	0.211	0.110		
50 %		0.473	0.199	0.106	0.055	0.106	0.055		
75 %		0.237	0.100	0.053	0.028	0.053	0.028		
90 %		0.095	0.040	0.021	0.011	0.021	0.011		
None	D6 Ditch	1.05	0.344	0.182	0.095	0.182	0.095		
50 %		0.525	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D6 Ditch 2nd	1.05	0.343	0.182	0.094	0.182	0.094		
50 %		0.523	0.171	0.091	0.047	0.091	0.047		
75 %		0.261	0.086	0.045	0.024	0.045	0.024		
90 %		0.105	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.059*	*0.053*	*0.038*	*0.026*	*0.036*	*0.024*		
50 %		*0.031*	*0.028*	*0.021*	*0.015*	*0.019*	*0.012*		
75 %		*0.017*	*0.015*	*0.012*	*0.009*	*0.010*	*0.006*		
90 %		*0.009*	*0.008*	*0.007*	0.006	*0.005*	*0.003*		
None	R1 Stream	0.718	0.303	0.160	0.083	0.160	0.083		
50 %		0.359	0.151	0.080	0.079	0.080	0.042		
75 %		0.180	0.079	0.079	0.079	0.040	0.021		
90 %		0.079	0.079	0.079	0.079	0.036	0.019		
None	R2 Stream	0.973	0.410	0.217	0.113	0.217	0.113		
50 %		0.487	0.205	0.109	0.057	0.109	0.057		
75 %		0.243	0.102	0.054	0.028	0.054	0.028		
90 %		0.097	0.041	0.022	0.011	0.022	0.011		
None	R3 Stream	1.02	0.429	0.228	0.132	0.228	0.118		
50 %		0.509	0.215	0.132	0.132	0.114	0.059		
75 %		0.255	0.132	0.132	0.132	0.060	0.031		
90 %		0.132	0.132	0.132	0.132	0.060	0.031		
None	R4 Stream	0.711	0.356	0.356	0.356	0.161	0.085		
50 %		0.356	0.356	0.356	0.356	0.161	0.085		
75 %		0.356	0.356	0.356	0.356	0.161	0.085		
90 %		0.356	0.356	0.356	0.356	0.161	0.085		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-193: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to leafy vegetables according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans III -- field beans III, BBCH 23 -- 2×0.2 kg a.s./ha, 10d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		

	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	1.06	0.346	0.184	0.095	0.184	0.095		
50 %		0.528	0.173	0.092	0.048	0.092	0.048		
75 %		0.264	0.087	0.046	0.024	0.046	0.024		
90 %		0.106	0.035	0.018	0.010	0.018	0.010		
None	D2 Stream	0.935	0.394	0.209	0.108	0.209	0.108		
50 %		0.467	0.197	0.104	0.054	0.104	0.054		
75 %		0.234	0.098	0.052	0.027	0.052	0.027		
90 %		0.094	0.039	0.021	0.011	0.021	0.011		
None	D3 Ditch	1.05	0.343	0.182	0.095	0.182	0.095		
50 %		0.524	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.061*	*0.054*	*0.039*	*0.025*	*0.039*	*0.025*		
50 %		*0.031*	*0.027*	*0.019*	*0.013*	*0.019*	*0.013*		
75 %		*0.015*	*0.014*	*0.010*	*0.006*	*0.010*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.003*	*0.004*	*0.003*		
None	D4 Stream	0.898	0.378	0.200	0.104	0.200	0.104		
50 %		0.449	0.189	0.100	0.052	0.100	0.052		
75 %		0.224	0.095	0.050	0.026	0.050	0.026		
90 %		0.090	0.038	0.020	0.010	0.020	0.010		
None	D6 Ditch	1.03	0.339	0.180	0.093	0.180	0.093		
50 %		0.517	0.169	0.090	0.047	0.090	0.047		
75 %		0.258	0.085	0.045	0.023	0.045	0.023		
90 %		0.103	0.034	0.018	0.009	0.018	0.009		
None	D6 Ditch 2nd	1.03	0.339	0.180	0.093	0.180	0.093		
50 %		0.516	0.169	0.090	0.047	0.090	0.047		
75 %		0.258	0.085	0.045	0.023	0.045	0.023		
90 %		0.103	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.059*	*0.053*	*0.037*	*0.025*	*0.037*	*0.025*		
50 %		*0.030*	*0.026*	*0.019*	*0.013*	*0.019*	*0.012*		
75 %		*0.015*	*0.014*	*0.011*	*0.008*	*0.009*	*0.006*		
90 %		*0.008*	*0.007*	*0.006*	*0.005*	*0.004*	*0.003*		
None	R1 Stream	0.725	0.305	0.162	0.084	0.162	0.084		
50 %		0.363	0.153	0.081	*0.049*	0.081	0.042		
75 %		0.181	0.076	*0.049*	*0.049*	0.041	0.021		
90 %		0.073	*0.049*	*0.049*	*0.049*	0.021	0.011		
None	R2 Stream	0.958	0.403	0.214	0.111	0.214	0.111		
50 %		0.479	0.202	0.107	0.056	0.107	0.056		
75 %		0.239	0.101	0.054	*0.043*	0.054	0.028		
90 %		0.096	*0.043*	*0.043*	*0.043*	0.021	0.011		
None	R3 Stream	1.02	0.430	0.228	0.142	0.228	0.119		

50 %		0.511	0.215	0.142	0.142	0.114	0.059		
75 %		0.255	0.142	0.142	0.142	0.065	0.034		
90 %		0.142	0.142	0.142	0.142	0.065	0.034		
None	R4 Stream	0.724	0.305	0.162	*0.149*	0.162	0.084		
50 %		0.362	0.152	*0.149*	*0.149*	0.081	0.042		
75 %		0.181	*0.149*	*0.149*	*0.149*	*0.068*	*0.035*		
90 %		*0.149*	*0.149*	*0.149*	*0.149*	*0.068*	*0.035*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-194: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to leafy vegetables according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans III -- field beans III, BBCH 95 -- 2×0.2 kg a.s./ha, 10d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	1.06	0.347	0.184	0.096	0.184	0.096		
50 %		0.530	0.174	0.092	0.048	0.092	0.048		
75 %		0.265	0.087	0.046	0.024	0.046	0.024		
90 %		0.106	0.035	0.018	0.010	0.018	0.010		
None	D2 Stream	0.989	0.416	0.221	0.115	0.221	0.115		
50 %		0.495	0.208	0.110	0.057	0.110	0.057		
75 %		0.247	0.104	0.055	0.029	0.055	0.029		
90 %		0.099	0.042	0.022	0.012	0.022	0.012		
None	D3 Ditch	1.05	0.344	0.183	0.095	0.183	0.095		
50 %		0.525	0.172	0.091	0.048	0.091	0.048		
75 %		0.263	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.050*	*0.044*	*0.031*	*0.021*	*0.031*	*0.021*		
50 %		*0.025*	*0.022*	*0.016*	*0.010*	*0.016*	*0.010*		
75 %		*0.012*	*0.011*	*0.008*	*0.005*	*0.008*	*0.005*		
90 %		*0.005*	*0.004*	*0.003*	*0.002*	*0.003*	*0.002*		
None	D4 Stream	0.949	0.400	0.212	0.110	0.212	0.110		
50 %		0.475	0.200	0.106	0.055	0.106	0.055		
75 %		0.237	0.100	0.053	0.028	0.053	0.028		
90 %		0.095	0.040	0.021	0.011	0.021	0.011		
None	D6 Ditch	1.06	0.346	0.183	0.095	0.183	0.095		
50 %		0.527	0.173	0.092	0.048	0.092	0.048		
75 %		0.264	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.035	0.018	0.010	0.018	0.010		

None	D6 Ditch 2nd	1.05	0.344	0.182	0.095	0.182	0.095		
50 %		0.525	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	R1 Pond	*0.053*	*0.047*	*0.033*	*0.022*	*0.033*	*0.022*		
50 %		*0.026*	*0.024*	*0.017*	*0.011*	*0.017*	*0.011*		
75 %		*0.013*	*0.012*	*0.008*	*0.006*	*0.008*	*0.006*		
90 %		*0.005*	*0.005*	*0.003*	*0.002*	*0.003*	*0.002*		
None	R1 Stream	0.718	0.303	0.160	0.083	0.160	0.083		
50 %		0.359	0.151	0.080	0.042	0.080	0.042		
75 %		0.180	0.076	0.040	0.021	0.040	0.021		
90 %		0.072	0.030	0.016	0.008	0.016	0.008		
None	R2 Stream	0.973	0.410	0.217	0.113	0.217	0.113		
50 %		0.487	0.205	0.109	0.057	0.109	0.057		
75 %		0.243	0.102	0.054	0.028	0.054	0.028		
90 %		0.097	0.041	0.022	0.011	0.022	0.011		
None	R3 Stream	1.02	0.429	0.228	0.132	0.228	0.118		
50 %		0.509	0.215	0.132	0.132	0.114	0.059		
75 %		0.255	0.132	0.132	0.132	0.060	0.031		
90 %		0.132	0.132	0.132	0.132	0.060	0.031		
None	R4 Stream	0.711	0.299	*0.272*	*0.272*	0.159	0.082		
50 %		0.355	*0.272*	*0.272*	*0.272*	*0.122*	*0.063*		
75 %		*0.272*	*0.272*	*0.272*	*0.272*	*0.122*	*0.063*		
90 %		*0.272*	*0.272*	*0.272*	*0.272*	*0.122*	*0.063*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-195: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to beans and strawberries according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans IV -- field beans IV, BBCH 40 -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	1.06	0.347	0.184	0.096	0.184	0.096		
50 %		0.530	0.174	0.092	0.048	0.092	0.048		
75 %		0.265	0.087	0.046	0.024	0.046	0.024		
90 %		0.106	0.035	0.018	0.010	0.018	0.010		
None	D2 Stream	0.978	0.412	0.218	0.113	0.218	0.113		
50 %		0.489	0.206	0.109	0.057	0.109	0.057		
75 %		0.244	0.103	0.055	0.028	0.055	0.028		

90 %		0.098	0.041	0.022	0.011	0.022	0.011		
None	D3 Ditch	1.05	0.343	0.182	0.095	0.182	0.095		
50 %		0.524	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.063*	*0.056*	*0.040*	*0.026*	*0.040*	*0.026*		
50 %		*0.032*	*0.028*	*0.020*	*0.013*	*0.020*	*0.013*		
75 %		*0.016*	*0.014*	*0.010*	*0.007*	*0.010*	*0.007*		
90 %		*0.006*	*0.006*	*0.004*	*0.003*	*0.004*	*0.003*		
None	D4 Stream	0.941	0.396	0.210	0.109	0.210	0.109		
50 %		0.471	0.198	0.105	0.055	0.105	0.055		
75 %		0.235	0.099	0.053	0.027	0.053	0.027		
90 %		0.094	0.040	0.021	0.011	0.021	0.011		
None	D6 Ditch	1.03	0.339	0.180	0.093	0.180	0.093		
50 %		0.517	0.169	0.090	0.047	0.090	0.047		
75 %		0.258	0.085	0.045	0.023	0.045	0.023		
90 %		0.103	0.034	0.018	0.009	0.018	0.009		
None	D6 Ditch 2nd	1.03	0.339	0.180	0.093	0.180	0.093		
50 %		0.517	0.169	0.090	0.047	0.090	0.047		
75 %		0.258	0.085	0.045	0.023	0.045	0.023		
90 %		0.103	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.065*	*0.059*	*0.044*	*0.031*	*0.040*	*0.026*		
50 %		*0.036*	*0.033*	*0.026*	*0.020*	*0.022*	*0.014*		
75 %		*0.022*	*0.021*	*0.017*	*0.015*	*0.012*	*0.008*		
90 %		*0.015*	*0.014*	*0.013*	*0.012*	*0.007*	*0.004*		
None	R1 Stream	0.726	0.306	0.162	0.104	0.162	0.084		
50 %		0.363	0.153	0.104	0.104	0.081	0.042		
75 %		0.182	0.104	0.104	0.104	0.047	0.025		
90 %		0.104	0.104	0.104	0.104	0.047	0.025		
None	R2 Stream	0.958	0.403	0.214	0.111	0.214	0.111		
50 %		0.479	0.202	0.107	0.056	0.107	0.056		
75 %		0.239	0.101	0.054	*0.043*	0.054	0.028		
90 %		0.096	*0.043*	*0.043*	*0.043*	0.021	0.011		
None	R3 Stream	1.02	0.430	0.228	*0.132*	0.228	0.119		
50 %		0.511	0.215	*0.132*	*0.132*	0.114	0.059		
75 %		0.255	*0.132*	*0.132*	*0.132*	*0.060*	*0.032*		
90 %		*0.132*	*0.132*	*0.132*	*0.132*	*0.060*	*0.032*		
None	R4 Stream	0.724	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		
50 %		*0.510*	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		
75 %		*0.510*	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		
90 %		*0.510*	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-196: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to beans and strawberries according to the Central EU zone GAP according to surface water Step 4 (modelling use field beans IV -- field beans IV, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D2 Ditch	*1.44*	*0.454*	*0.235*	*0.120*	*0.235*	*0.120*		
50 %		*0.719*	*0.227*	*0.118*	*0.060*	*0.118*	*0.060*		
75 %		*0.359*	*0.113*	*0.059*	*0.030*	*0.059*	*0.030*		
90 %		*0.143*	*0.045*	*0.023*	*0.012*	*0.023*	*0.012*		
None	D2 Stream	0.989	0.416	0.221	0.115	0.221	0.115		
50 %		0.495	0.208	0.110	0.057	0.110	0.057		
75 %		0.247	0.104	0.055	0.029	0.055	0.029		
90 %		0.099	0.042	0.022	0.012	0.022	0.012		
None	D3 Ditch	1.05	0.344	0.182	0.095	0.182	0.095		
50 %		0.525	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.063*	*0.056*	*0.040*	*0.026*	*0.040*	*0.026*		
50 %		*0.032*	*0.028*	*0.020*	*0.013*	*0.020*	*0.013*		
75 %		*0.016*	*0.014*	*0.010*	*0.007*	*0.010*	*0.007*		
90 %		*0.006*	*0.006*	*0.004*	*0.003*	*0.004*	*0.003*		
None	D4 Stream	0.941	0.396	0.210	0.109	0.210	0.109		
50 %		0.471	0.198	0.105	0.055	0.105	0.055		
75 %		0.235	0.099	0.053	0.027	0.053	0.027		
90 %		0.094	0.040	0.021	0.011	0.021	0.011		
None	D6 Ditch	1.04	0.340	0.180	0.094	0.180	0.094		
50 %		0.519	0.170	0.090	0.047	0.090	0.047		
75 %		0.260	0.085	0.045	0.023	0.045	0.023		
90 %		0.104	0.034	0.018	0.009	0.018	0.009		
None	D6 Ditch 2nd	1.04	0.342	0.182	0.094	0.182	0.094		
50 %		0.522	0.171	0.091	0.047	0.091	0.047		
75 %		0.261	0.086	0.045	0.024	0.045	0.024		
90 %		0.104	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.059*	*0.053*	*0.038*	*0.026*	*0.036*	*0.024*		
50 %		*0.031*	*0.028*	*0.021*	*0.015*	*0.019*	*0.012*		
75 %		*0.017*	*0.015*	*0.012*	*0.009*	*0.010*	*0.006*		
90 %		*0.009*	*0.008*	*0.007*	0.006	*0.005*	*0.003*		
None	R1 Stream	0.718	0.303	0.160	0.083	0.160	0.083		

50 %		0.359	0.151	0.080	0.079	0.080	0.042		
75 %		0.180	0.079	0.079	0.079	0.040	0.021		
90 %		0.079	0.079	0.079	0.079	0.036	0.019		
None	R2 Stream	0.973	0.410	0.217	0.113	0.217	0.113		
50 %		0.487	0.205	0.109	0.057	0.109	0.057		
75 %		0.243	0.102	0.054	0.028	0.054	0.028		
90 %		0.097	0.041	0.022	0.011	0.022	0.011		
None	R3 Stream	1.02	0.430	0.228	*0.132*	0.228	0.119		
50 %		0.511	0.215	*0.132*	*0.132*	0.114	0.059		
75 %		0.255	*0.132*	*0.132*	*0.132*	*0.060*	*0.032*		
90 %		*0.132*	*0.132*	*0.132*	*0.132*	*0.060*	*0.032*		
None	R4 Stream	0.724	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		
50 %		*0.510*	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		
75 %		*0.510*	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		
90 %		*0.510*	*0.510*	*0.510*	*0.510*	*0.231*	*0.121*		

* Maximum values coming from multiple applications are marked in italics

Legumes and Sugar beets

Table 8.9-197: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to peas according to the Central EU zone GAP according to surface water Step 4 (modelling use Legumes I -- BBCH 59 - 89 -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.05	0.343	0.182	0.095	0.182	0.095		
50 %		0.523	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.061*	*0.054*	*0.038*	*0.025*	*0.038*	*0.025*		
50 %		*0.030*	*0.027*	*0.019*	*0.013*	*0.019*	*0.013*		
75 %		*0.015*	*0.014*	*0.010*	*0.006*	*0.010*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.003*	*0.004*	*0.003*		
None	D4 Stream	0.866	0.365	0.193	0.101	0.193	0.101		
50 %		0.433	0.182	0.097	0.050	0.097	0.050		
75 %		0.217	0.091	0.048	0.025	0.048	0.025		
90 %		0.087	0.037	0.019	0.010	0.019	0.010		
None	D5 Pond	*0.061*	*0.054*	*0.038*	*0.025*	*0.038*	*0.025*		
50 %		*0.030*	*0.027*	*0.019*	*0.013*	*0.019*	*0.013*		

75 %		*0.015*	*0.013*	*0.010*	*0.006*	*0.010*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.003*	*0.004*	*0.003*		
None	D5 Stream	1.00	0.421	0.223	0.116	0.223	0.116		
50 %		0.500	0.211	0.112	0.058	0.112	0.058		
75 %		0.250	0.105	0.056	0.029	0.056	0.029		
90 %		0.100	0.042	0.022	0.012	0.022	0.012		
None	D6 Ditch	1.04	0.342	0.181	0.094	0.181	0.094		
50 %		0.522	0.171	0.091	0.047	0.091	0.047		
75 %		0.261	0.086	0.045	0.024	0.045	0.024		
90 %		0.104	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.062*	*0.056*	*0.042*	*0.030*	*0.038*	*0.024*		
50 %		*0.035*	*0.031*	*0.024*	*0.019*	*0.020*	*0.013*		
75 %		*0.021*	*0.020*	*0.017*	*0.015*	*0.012*	*0.007*		
90 %		*0.015*	*0.014*	*0.013*	*0.012*	*0.007*	*0.004*		
None	R1 Stream	0.726	0.306	0.162	0.133	0.162	0.084		
50 %		0.363	0.153	0.133	0.133	0.081	0.042		
75 %		0.182	0.133	0.133	0.133	0.061	0.032		
90 %		0.133	0.133	0.133	0.133	0.061	0.032		
None	R2 Stream	0.971	0.409	0.217	0.113	0.217	0.113		
50 %		0.486	0.204	0.108	0.056	0.108	0.056		
75 %		0.243	0.102	0.054	0.028	0.054	0.028		
90 %		0.097	0.041	0.022	*0.020*	0.022	0.011		
None	R3 Stream	1.02	0.431	0.229	0.119	0.229	0.119		
50 %		0.512	0.215	0.114	0.059	0.114	0.059		
75 %		0.256	0.108	0.057	0.030	0.057	0.030		
90 %		0.102	0.043	0.023	0.012	0.023	0.012		
None	R4 Stream	0.697	0.293	0.156	*0.116*	0.156	0.081		
50 %		0.348	0.147	*0.116*	*0.116*	0.078	0.040		
75 %		0.174	*0.116*	*0.116*	*0.116*	*0.053*	*0.028*		
90 %		*0.116*	*0.116*	*0.116*	*0.116*	*0.053*	*0.028*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-198: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to peas according to the Central EU zone GAP according to surface water Step 4 (modelling use Legumes II -- BBCH 59 - 79 -- 2×0.2 kg a.s./ha, 14d int.)

PECsw (µg/L)	Scenario	Step 4 trifloxystrobin							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.05	0.343	0.182	0.095	0.182	0.095		

50 %		0.523	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.058*	*0.052*	*0.037*	*0.024*	*0.037*	*0.024*		
50 %		*0.029*	*0.026*	*0.018*	*0.012*	*0.018*	*0.012*		
75 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.002*	*0.004*	*0.002*		
None	D4 Stream	0.866	0.365	0.193	0.101	0.193	0.101		
50 %		0.433	0.182	0.097	0.050	0.097	0.050		
75 %		0.217	0.091	0.048	0.025	0.048	0.025		
90 %		0.087	0.037	0.019	0.010	0.019	0.010		
None	D5 Pond	*0.059*	*0.053*	*0.037*	*0.025*	*0.037*	*0.025*		
50 %		*0.030*	*0.026*	*0.019*	*0.012*	*0.019*	*0.012*		
75 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.003*	*0.004*	*0.003*		
None	D5 Stream	1.00	0.421	0.223	0.116	0.223	0.116		
50 %		0.500	0.211	0.112	0.058	0.112	0.058		
75 %		0.250	0.105	0.056	0.029	0.056	0.029		
90 %		0.100	0.042	0.022	0.012	0.022	0.012		
None	D6 Ditch	1.04	0.342	0.181	0.094	0.181	0.094		
50 %		0.522	0.171	0.091	0.047	0.091	0.047		
75 %		0.261	0.086	0.045	0.024	0.045	0.024		
90 %		0.104	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.062*	*0.056*	*0.042*	*0.030*	*0.038*	*0.024*		
50 %		*0.035*	*0.031*	*0.024*	*0.019*	*0.020*	*0.013*		
75 %		*0.021*	*0.020*	*0.017*	*0.015*	*0.012*	*0.007*		
90 %		*0.015*	*0.014*	*0.013*	*0.012*	*0.007*	*0.004*		
None	R1 Stream	0.726	0.306	0.162	0.133	0.162	0.084		
50 %		0.363	0.153	0.133	0.133	0.081	0.042		
75 %		0.182	0.133	0.133	0.133	0.061	0.032		
90 %		0.133	0.133	0.133	0.133	0.061	0.032		
None	R2 Stream	0.971	0.409	0.217	0.113	0.217	0.113		
50 %		0.486	0.204	0.108	*0.066*	0.108	0.056		
75 %		0.243	0.102	*0.066*	*0.066*	0.054	0.028		
90 %		0.097	*0.066*	*0.066*	*0.066*	*0.030*	*0.016*		
None	R3 Stream	1.02	0.431	0.229	0.119	0.229	0.119		
50 %		0.512	0.215	0.114	0.059	0.114	0.059		
75 %		0.256	0.108	0.057	0.030	0.057	0.030		
90 %		0.102	0.043	0.023	0.012	0.023	0.012		
None	R4 Stream	0.697	0.293	0.156	*0.116*	0.156	0.081		
50 %		0.348	0.147	*0.116*	*0.116*	0.078	0.040		
75 %		0.174	*0.116*	*0.116*	*0.116*	*0.053*	*0.028*		

90 %		*0.116*	*0.116*	*0.116*	*0.116*	*0.053*	*0.028*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-199: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to celeriac according to the Central EU zone GAP according to surface water Step 4 (modelling use Sugar beets I (June - November) -- BBCH 40-49 -- 2×0.125 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	0.655	0.214	0.114	0.059	0.114	0.059		
50 %		0.327	0.107	0.057	0.030	0.057	0.030		
75 %		0.164	0.054	0.028	0.015	0.028	0.015		
90 %		0.065	0.021	0.011	0.006	0.011	0.006		
None	D4 Pond	*0.030*	*0.026*	*0.019*	*0.012*	*0.019*	*0.012*		
50 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
75 %		*0.007*	*0.007*	*0.005*	*0.003*	*0.005*	*0.003*		
90 %		*0.003*	*0.003*	*0.002*	*0.001*	*0.002*	*0.001*		
None	D4 Stream	0.544	0.229	0.122	0.063	0.122	0.063		
50 %		0.272	0.115	0.061	0.032	0.061	0.032		
75 %		0.136	0.057	0.030	0.016	0.030	0.016		
90 %		0.054	0.023	0.012	0.006	0.012	0.006		
None	R1 Pond	*0.037*	*0.033*	*0.024*	*0.016*	*0.023*	*0.015*		
50 %		*0.019*	*0.017*	*0.013*	*0.009*	*0.012*	*0.008*		
75 %		*0.010*	*0.010*	*0.007*	*0.005*	*0.006*	*0.004*		
90 %		*0.005*	*0.005*	*0.004*	0.003	*0.003*	*0.002*		
None	R1 Stream	0.450	0.190	0.101	0.052	0.101	0.052		
50 %		0.225	0.095	0.050	0.044	0.050	0.026		
75 %		0.113	0.047	0.044	0.044	0.025	0.013		
90 %		0.045	0.044	0.044	0.044	0.020	0.011		
None	R3 Stream	0.640	0.269	0.143	0.074	0.143	0.074		
50 %		0.320	0.135	0.071	0.037	0.071	0.037		
75 %		0.160	0.067	0.036	0.019	0.036	0.019		
90 %		0.064	0.027	0.014	0.007	0.014	0.007		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-200: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to chicory according to the Central EU zone GAP according to surface water Step 4 (modelling use Sugar beets II -- BBCH 13 - 49, early -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.05	0.343	0.182	0.095	0.182	0.095		
50 %		0.524	0.172	0.091	0.047	0.091	0.047		
75 %		0.262	0.086	0.046	0.024	0.046	0.024		
90 %		0.105	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.867	0.365	0.194	0.101	0.194	0.101		
50 %		0.434	0.183	0.097	0.050	0.097	0.050		
75 %		0.217	0.091	0.048	0.025	0.048	0.025		
90 %		0.087	0.037	0.019	0.010	0.019	0.010		
None	R1 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.723	0.305	0.162	0.084	0.162	0.084		
50 %		0.362	0.152	0.081	0.042	0.081	0.042		
75 %		0.181	0.076	0.040	0.021	0.040	0.021		
90 %		0.072	0.030	0.016	0.008	0.016	0.008		
None	R3 Stream	1.02	0.430	0.228	0.119	0.228	0.119		
50 %		0.511	0.215	0.114	0.059	0.114	0.059		
75 %		0.255	0.108	0.057	0.030	0.057	0.030		
90 %		0.102	0.043	0.023	0.012	0.023	0.012		

Table 8.9-201: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to chicory according to the Central EU zone GAP according to surface water Step 4 (modelling use Sugar beets II -- BBCH 13 - 49, late -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		

	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.05	0.343	0.182	0.094	0.182	0.094		
50 %		0.523	0.171	0.091	0.047	0.091	0.047		
75 %		0.261	0.086	0.045	0.024	0.045	0.024		
90 %		0.105	0.034	0.018	0.009	0.018	0.009		
None	D4 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.915	0.385	0.204	0.106	0.204	0.106		
50 %		0.457	0.193	0.102	0.053	0.102	0.053		
75 %		0.229	0.096	0.051	0.027	0.051	0.027		
90 %		0.092	0.039	0.020	0.011	0.020	0.011		
None	R1 Pond	0.042	0.038	0.027	0.018	0.027	0.018		
50 %		0.021	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.726	0.306	0.162	0.084	0.162	0.084		
50 %		0.363	0.153	0.081	0.042	0.081	0.042		
75 %		0.182	0.076	0.041	0.021	0.041	0.021		
90 %		0.073	0.031	0.016	0.016	0.016	0.008		
None	R3 Stream	1.02	0.431	0.229	0.119	0.229	0.119		
50 %		0.512	0.215	0.114	0.059	0.114	0.059		
75 %		0.256	0.108	0.057	0.030	0.057	0.030		
90 %		0.102	0.043	0.023	0.012	0.023	0.012		

Flower bulbs

Table 8.9-202: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to flower bulbs according to the Central EU zone GAP according to surface water Step 4 (modelling use VegBulb I [ID: 119, 121] -- VegBulb I (early) -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.27	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.316	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		

None	D4 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.971	0.355	0.188	0.098	0.188	0.098		
50 %		0.486	0.177	0.094	0.049	0.094	0.049		
75 %		0.243	0.089	0.047	0.024	0.047	0.024		
90 %		0.097	0.036	0.019	0.010	0.019	0.010		
None	D6 Ditch	1.27	0.345	0.183	0.095	0.183	0.095		
50 %		0.635	0.172	0.091	0.048	0.091	0.048		
75 %		0.318	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D6 Ditch 2nd	1.27	0.346	0.183	0.095	0.183	0.095		
50 %		0.637	0.173	0.092	0.048	0.092	0.048		
75 %		0.319	0.086	0.046	0.024	0.046	0.024		
90 %		0.128	0.035	0.018	0.010	0.018	0.010		
None	R1 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.820	0.300	0.159	0.083	0.159	0.083		
50 %		0.410	0.150	0.079	0.043	0.079	0.041		
75 %		0.205	0.075	0.043	0.043	0.040	0.021		
90 %		0.082	0.043	0.043	0.043	0.018	0.009		
None	R2 Stream	1.10	0.403	0.213	0.111	0.213	0.111		
50 %		0.551	0.201	0.107	0.056	0.107	0.056		
75 %		0.275	0.101	0.053	0.028	0.053	0.028		
90 %		0.110	0.040	0.021	0.011	0.021	0.011		
None	R3 Stream	1.17	0.428	0.227	0.118	0.227	0.118		
50 %		0.585	0.214	0.113	0.059	0.113	0.059		
75 %		0.293	0.107	0.057	0.030	0.057	0.030		
90 %		0.117	0.043	0.023	0.012	0.023	0.012		
None	R4 Stream	0.829	0.303	0.161	0.136	0.161	0.083		
50 %		0.414	0.151	0.136	0.136	0.080	0.042		
75 %		0.207	0.136	0.136	0.136	0.062	0.032		
90 %		0.136	0.136	0.136	0.136	0.062	0.032		

Table 8.9-203: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to flower bulbs according to the Central EU zone GAP according to surface water Step 4 (modelling use VegBulb I [ID: 119, 121] -- VegBulb I (middle) -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.26	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.316	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.886	0.324	0.172	0.089	0.172	0.089		
50 %		0.443	0.162	0.086	0.045	0.086	0.045		
75 %		0.222	0.081	0.043	0.022	0.043	0.022		
90 %		0.089	0.032	0.017	0.009	0.017	0.009		
None	D6 Ditch	1.28	0.346	0.183	0.095	0.183	0.095		
50 %		0.638	0.173	0.092	0.048	0.092	0.048		
75 %		0.319	0.087	0.046	0.024	0.046	0.024		
90 %		0.128	0.035	0.018	0.010	0.018	0.010		
None	D6 Ditch 2nd	1.27	0.345	0.183	0.095	0.183	0.095		
50 %		0.636	0.172	0.091	0.048	0.091	0.048		
75 %		0.318	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.035	0.018	0.010	0.018	0.010		
None	R1 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.005	0.005	0.004	0.003	0.003	0.002		
None	R1 Stream	0.821	0.300	0.159	0.083	0.159	0.083		
50 %		0.411	0.150	0.080	0.050	0.080	0.041		
75 %		0.205	0.075	0.050	0.050	0.040	0.021		
90 %		0.082	0.050	0.050	0.050	0.023	0.012		
None	R2 Stream	1.12	0.410	0.217	0.113	0.217	0.113		
50 %		0.561	0.205	0.109	0.057	0.109	0.057		
75 %		0.280	0.102	0.054	0.028	0.054	0.028		
90 %		0.112	0.041	0.022	0.011	0.022	0.011		
None	R3 Stream	1.18	0.429	0.228	0.118	0.228	0.118		

50 %		0.587	0.215	0.114	0.082	0.114	0.059		
75 %		0.294	0.107	0.082	0.082	0.057	0.030		
90 %		0.118	0.082	0.082	0.082	0.037	0.020		
None	R4 Stream	0.808	0.295	0.156	0.081	0.156	0.081		
50 %		0.404	0.148	0.078	0.041	0.078	0.041		
75 %		0.202	0.074	0.039	0.020	0.039	0.020		
90 %		0.081	0.030	0.016	0.008	0.016	0.008		

Table 8.9-204: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to flower bulbs according to the Central EU zone GAP according to surface water Step 4 (modelling use VegBulb I [ID: 119, 121] -- VegBulb I (late) -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.27	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.316	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.896	0.327	0.174	0.090	0.174	0.090		
50 %		0.448	0.164	0.087	0.045	0.087	0.045		
75 %		0.224	0.082	0.043	0.023	0.043	0.023		
90 %		0.090	0.033	0.017	0.009	0.017	0.009		
None	D6 Ditch	1.28	0.346	0.183	0.095	0.183	0.095		
50 %		0.638	0.173	0.092	0.048	0.092	0.048		
75 %		0.319	0.087	0.046	0.024	0.046	0.024		
90 %		0.128	0.035	0.018	0.010	0.018	0.010		
None	D6 Ditch 2nd	1.27	0.345	0.183	0.095	0.183	0.095		
50 %		0.636	0.172	0.091	0.048	0.091	0.048		
75 %		0.318	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.035	0.018	0.010	0.018	0.010		
None	R1 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.821	0.300	0.159	0.083	0.159	0.083		

50 %		0.411	0.150	0.080	0.041	0.080	0.041		
75 %		0.205	0.075	0.040	0.021	0.040	0.021		
90 %		0.082	0.030	0.016	0.008	0.016	0.008		
None	R2 Stream	1.12	0.410	0.217	0.113	0.217	0.113		
50 %		0.561	0.205	0.109	0.057	0.109	0.057		
75 %		0.280	0.102	0.054	0.029	0.054	0.028		
90 %		0.112	0.041	0.029	0.029	0.022	0.011		
None	R3 Stream	1.18	0.429	0.228	0.118	0.228	0.118		
50 %		0.587	0.215	0.114	0.082	0.114	0.059		
75 %		0.294	0.107	0.082	0.082	0.057	0.030		
90 %		0.118	0.082	0.082	0.082	0.037	0.020		
None	R4 Stream	0.808	0.297	0.297	0.297	0.156	0.081		
50 %		0.404	0.297	0.297	0.297	0.134	0.070		
75 %		0.297	0.297	0.297	0.297	0.134	0.070		
90 %		0.297	0.297	0.297	0.297	0.134	0.070		

Table 8.9-205: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to flower bulbs according to the Central EU zone GAP according to surface water Step 4 (modelling use VegBulb II [ID: 117, 118, 120] -- VegBulb II (early) -- 5×0.075 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	0.475	0.129	0.068	0.036	0.068	0.036		
50 %		0.237	0.064	0.034	0.018	0.034	0.018		
75 %		0.119	0.032	0.017	0.009	0.017	0.009		
90 %		0.047	0.013	0.007	0.004	0.007	0.004		
None	D4 Pond	*0.030*	*0.026*	*0.018*	*0.012*	*0.018*	*0.012*		
50 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
75 %		*0.007*	*0.006*	*0.005*	*0.003*	*0.005*	*0.003*		
90 %		*0.003*	*0.003*	*0.002*	*0.001*	*0.002*	*0.001*		
None	D4 Stream	0.364	0.133	0.071	0.037	0.071	0.037		
50 %		0.182	0.067	0.035	0.018	0.035	0.018		
75 %		0.091	0.033	0.018	0.009	0.018	0.009		
90 %		0.036	0.013	0.007	0.004	0.007	0.004		
None	D6 Ditch	0.476	0.129	0.069	0.036	0.069	0.036		
50 %		0.238	0.065	0.034	0.018	0.034	0.018		
75 %		0.119	0.032	0.017	0.009	0.017	0.009		
90 %		0.048	0.013	0.007	0.004	0.007	0.004		
None	D6 Ditch 2nd	0.478	0.130	0.069	0.036	0.069	0.036		

50 %		0.239	0.065	0.034	0.018	0.034	0.018		
75 %		0.120	0.032	0.017	0.009	0.017	0.009		
90 %		0.048	0.013	0.007	0.004	0.007	0.004		
None	R1 Pond	*0.030*	*0.026*	*0.019*	*0.013*	*0.019*	*0.012*		
50 %		*0.016*	*0.014*	*0.010*	*0.007*	*0.010*	*0.006*		
75 %		*0.008*	*0.007*	*0.006*	*0.004*	*0.005*	*0.003*		
90 %		*0.004*	*0.004*	*0.003*	*0.002*	*0.002*	*0.001*		
None	R1 Stream	0.307	0.112	0.060	0.031	0.060	0.031		
50 %		0.154	0.056	0.030	*0.023*	0.030	0.016		
75 %		0.077	0.028	*0.023*	*0.023*	0.015	0.008		
90 %		0.031	*0.023*	*0.023*	*0.023*	*0.010*	*0.005*		
None	R2 Stream	0.413	0.151	0.080	0.042	0.080	0.042		
50 %		0.207	0.076	0.040	0.021	0.040	0.021		
75 %		0.103	0.038	0.020	*0.015*	0.020	0.010		
90 %		0.041	0.015	*0.015*	*0.015*	0.008	0.004		
None	R3 Stream	0.439	0.160	0.085	0.044	0.085	0.044		
50 %		0.220	0.080	0.043	*0.042*	0.043	0.022		
75 %		0.110	*0.042*	*0.042*	*0.042*	0.021	0.011		
90 %		0.044	*0.042*	*0.042*	*0.042*	*0.019*	*0.010*		
None	R4 Stream	0.311	*0.116*	*0.116*	*0.116*	0.060	0.031		
50 %		0.155	*0.116*	*0.116*	*0.116*	*0.052*	*0.027*		
75 %		*0.116*	*0.116*	*0.116*	*0.116*	*0.052*	*0.027*		
90 %		*0.116*	*0.116*	*0.116*	*0.116*	*0.052*	*0.027*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-206: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to flower bulbs according to the Central EU zone GAP according to surface water Step 4 (modelling use VegBulb II [ID: 117, 118, 120] -- VegBulb II (late) -- 5×0.075 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	0.474	0.129	0.068	0.036	0.068	0.036		
50 %		0.237	0.064	0.034	0.018	0.034	0.018		
75 %		0.119	0.032	0.017	0.009	0.017	0.009		
90 %		0.047	0.013	0.007	0.004	0.007	0.004		
None	D4 Pond	*0.031*	*0.027*	*0.019*	*0.013*	*0.019*	*0.013*		
50 %		*0.016*	*0.013*	*0.010*	*0.006*	*0.010*	*0.006*		
75 %		*0.008*	*0.007*	*0.005*	*0.003*	*0.005*	*0.003*		
90 %		*0.003*	*0.003*	*0.002*	*0.001*	*0.002*	*0.001*		

None	D4 Stream	0.335	0.123	0.065	0.034	0.065	0.034		
50 %		0.168	0.061	0.033	0.017	0.033	0.017		
75 %		0.084	0.031	0.016	0.008	0.016	0.008		
90 %		0.034	0.012	0.007	0.003	0.007	0.003		
None	D6 Ditch	0.478	0.130	0.069	0.036	0.069	0.036		
50 %		0.239	0.065	0.034	0.018	0.034	0.018		
75 %		0.120	0.032	0.017	0.009	0.017	0.009		
90 %		0.048	0.013	0.007	0.004	0.007	0.004		
None	D6 Ditch 2nd	0.469	0.127	0.067	0.035	0.067	0.035		
50 %		0.234	0.064	0.034	0.018	0.034	0.018		
75 %		0.117	0.032	0.017	0.009	0.017	0.009		
90 %		0.047	0.013	0.007	0.004	0.007	0.004		
None	R1 Pond	*0.031*	*0.027*	*0.020*	*0.014*	*0.019*	*0.012*		
50 %		*0.016*	*0.014*	*0.011*	*0.008*	*0.010*	*0.006*		
75 %		*0.009*	*0.008*	*0.006*	*0.005*	*0.005*	*0.003*		
90 %		*0.005*	*0.004*	*0.004*	*0.003*	*0.003*	*0.002*		
None	R1 Stream	0.308	0.113	0.060	*0.037*	0.060	0.031		
50 %		0.154	0.056	*0.037*	*0.037*	0.030	0.016		
75 %		0.077	*0.037*	*0.037*	*0.037*	*0.016*	*0.009*		
90 %		*0.037*	*0.037*	*0.037*	*0.037*	*0.016*	*0.009*		
None	R2 Stream	0.414	0.151	0.080	0.042	0.080	0.042		
50 %		0.207	0.076	0.040	0.021	0.040	0.021		
75 %		0.104	0.038	0.020	*0.015*	0.020	0.010		
90 %		0.041	0.015	*0.015*	*0.015*	0.008	0.004		
None	R3 Stream	0.441	0.161	0.086	0.044	0.086	0.044		
50 %		0.221	0.081	0.043	*0.037*	0.043	0.022		
75 %		0.110	0.040	*0.037*	*0.037*	0.021	0.011		
90 %		0.044	*0.037*	*0.037*	*0.037*	*0.017*	*0.009*		
None	R4 Stream	0.311	*0.116*	*0.116*	*0.116*	0.060	0.031		
50 %		0.155	*0.116*	*0.116*	*0.116*	*0.052*	*0.027*		
75 %		*0.116*	*0.116*	*0.116*	*0.116*	*0.052*	*0.027*		
90 %		*0.116*	*0.116*	*0.116*	*0.116*	*0.052*	*0.027*		

* Maximum values coming from multiple applications are marked in italics

Pome & stone fruit and leafy vegetables

Table 8.9-207: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	15.5	12.2	7.48	1.71	7.48	1.71		
50 %		7.76	6.10	3.74	0.856	3.74	0.856		
75 %		3.88	3.05	1.87	0.428	1.87	0.428		
90 %		1.55	1.22	0.748	0.171	0.748	0.171		
None	D4 Pond	*1.51*	*1.70*	*0.963*	*0.290*	*0.963*	*0.290*		
50 %		*0.755*	*0.847*	*0.481*	*0.145*	*0.481*	*0.145*		
75 %		*0.377*	*0.423*	*0.240*	*0.073*	*0.240*	*0.073*		
90 %		*0.151*	*0.169*	*0.096*	*0.029*	*0.096*	*0.029*		
None	D4 Stream	15.8	13.6	8.34	1.91	8.34	1.91		
50 %		7.90	6.79	4.17	0.953	4.17	0.953		
75 %		3.95	3.39	2.08	0.477	2.08	0.477		
90 %		1.58	1.36	0.834	0.191	0.834	0.191		
None	D5 Pond	*1.51*	*1.69*	*0.959*	*0.289*	*0.959*	*0.289*		
50 %		*0.753*	*0.844*	*0.479*	*0.144*	*0.479*	*0.144*		
75 %		*0.376*	*0.422*	*0.240*	*0.072*	*0.240*	*0.072*		
90 %		*0.150*	*0.169*	*0.096*	*0.029*	*0.096*	*0.029*		
None	D5 Stream	16.2	13.9	8.53	1.95	8.53	1.95		
50 %		8.08	6.94	4.26	0.975	4.26	0.975		
75 %		4.04	3.47	2.13	0.487	2.13	0.487		
90 %		1.62	1.39	0.852	0.195	0.852	0.195		
None	R1 Pond	*1.51*	*1.69*	*0.959*	*0.289*	*0.959*	*0.289*		
50 %		*0.752*	*0.844*	*0.479*	*0.144*	*0.479*	*0.144*		
75 %		*0.376*	*0.422*	*0.240*	*0.072*	*0.240*	*0.072*		
90 %		*0.150*	*0.169*	*0.096*	*0.029*	*0.096*	*0.029*		
None	R1 Stream	12.5	10.8	6.61	1.51	6.61	1.51		
50 %		6.27	5.38	3.31	0.756	3.31	0.756		
75 %		3.13	2.69	1.65	0.378	1.65	0.378		
90 %		1.25	1.08	0.661	0.151	0.661	0.151		
None	R2 Stream	16.6	14.3	8.77	2.01	8.77	2.01		
50 %		8.31	7.14	4.39	1.00	4.39	1.00		
75 %		4.16	3.57	2.19	0.501	2.19	0.501		
90 %		1.66	1.43	0.877	0.201	0.877	0.201		

None	R3 Stream	17.7	15.2	9.36	2.14	9.36	2.14		
50 %		8.87	7.62	4.68	1.07	4.68	1.07		
75 %		4.43	3.81	2.34	0.535	2.34	0.535		
90 %		1.77	1.52	0.935	0.214	0.935	0.214		
None	R4 Stream	12.6	10.8	6.65	1.52	6.65	1.52		
50 %		6.30	5.42	3.33	0.760	3.33	0.760		
75 %		3.15	2.71	1.66	0.380	1.66	0.380		
90 %		1.26	1.08	0.665	0.152	0.665	0.152		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-208: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	7.34	4.95	2.21	0.683	2.21	0.683		
50 %		3.67	2.48	1.11	0.342	1.11	0.342		
75 %		1.84	1.24	0.553	0.171	0.553	0.171		
90 %		0.734	0.495	0.221	0.068	0.221	0.068		
None	D4 Pond	*0.506*	*0.577*	*0.317*	*0.131*	*0.317*	*0.131*		
50 %		*0.253*	*0.289*	*0.159*	*0.066*	*0.159*	*0.066*		
75 %		*0.126*	*0.144*	*0.079*	*0.033*	*0.079*	*0.033*		
90 %		*0.051*	*0.058*	*0.032*	*0.013*	*0.032*	*0.013*		
None	D4 Stream	7.20	5.62	2.51	0.774	2.51	0.774		
50 %		3.60	2.81	1.25	0.387	1.25	0.387		
75 %		1.80	1.40	0.627	0.194	0.627	0.194		
90 %		0.720	0.562	0.251	0.077	0.251	0.077		
None	D5 Pond	*0.505*	*0.577*	*0.317*	*0.131*	*0.317*	*0.131*		
50 %		*0.253*	*0.288*	*0.159*	*0.066*	*0.159*	*0.066*		
75 %		*0.126*	*0.144*	*0.079*	*0.033*	*0.079*	*0.033*		
90 %		*0.051*	*0.058*	*0.032*	*0.013*	*0.032*	*0.013*		
None	D5 Stream	7.94	6.20	2.77	0.855	2.77	0.855		
50 %		3.97	3.10	1.39	0.427	1.39	0.427		
75 %		1.99	1.55	0.693	0.214	0.693	0.214		
90 %		0.794	0.620	0.277	0.086	0.277	0.086		
None	R1 Pond	*0.445*	*0.508*	*0.279*	*0.115*	*0.279*	*0.115*		
50 %		*0.222*	*0.254*	*0.139*	*0.058*	*0.139*	*0.058*		

75 %		*0.111*	*0.127*	*0.070*	*0.029*	*0.070*	*0.029*		
90 %		*0.044*	*0.051*	*0.028*	*0.012*	*0.028*	*0.012*		
None	R1 Stream	5.63	4.40	1.96	0.606	1.96	0.606		
50 %		2.82	2.20	0.982	0.303	0.982	0.303		
75 %		1.41	1.10	0.491	0.152	0.491	0.152		
90 %		0.563	0.440	0.196	0.061	0.196	0.061		
None	R2 Stream	7.55	5.89	2.63	0.812	2.63	0.812		
50 %		3.78	2.95	1.32	0.406	1.32	0.406		
75 %		1.89	1.47	0.658	0.203	0.658	0.203		
90 %		0.755	0.589	0.263	0.081	0.263	0.081		
None	R3 Stream	7.94	6.20	2.77	0.854	2.77	0.854		
50 %		3.97	3.10	1.38	0.427	1.38	0.427		
75 %		1.99	1.55	0.692	*0.220*	0.692	0.214		
90 %		0.794	0.620	0.277	*0.220*	0.277	0.085		
None	R4 Stream	5.63	4.40	1.96	0.606	1.96	0.606		
50 %		2.82	2.20	0.982	0.303	0.982	0.303		
75 %		1.41	1.10	0.491	0.152	0.491	0.152		
90 %		0.563	0.440	0.196	*0.080*	0.196	0.061		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-209: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	11.6	9.14	5.61	1.28	5.61	1.28		
50 %		5.82	4.57	2.81	0.642	2.81	0.642		
75 %		2.91	2.29	1.40	0.321	1.40	0.321		
90 %		1.16	0.914	0.561	0.128	0.561	0.128		
None	D4 Pond	*1.06*	*1.19*	*0.674*	*0.203*	*0.674*	*0.203*		
50 %		*0.529*	*0.594*	*0.337*	*0.102*	*0.337*	*0.102*		
75 %		*0.264*	*0.296*	*0.168*	*0.051*	*0.168*	*0.051*		
90 %		*0.106*	*0.118*	*0.067*	*0.020*	*0.067*	*0.020*		
None	D4 Stream	11.9	10.2	6.25	1.43	6.25	1.43		
50 %		5.93	5.09	3.13	0.715	3.13	0.715		
75 %		2.96	2.55	1.56	0.357	1.56	0.357		
90 %		1.19	1.02	0.625	0.143	0.625	0.143		
None	D5 Pond	*0.971*	*1.09*	*0.618*	*0.186*	*0.618*	*0.186*		

50 %		*0.485*	*0.544*	*0.309*	*0.093*	*0.309*	*0.093*		
75 %		*0.242*	*0.272*	*0.154*	*0.046*	*0.154*	*0.046*		
90 %		*0.097*	*0.108*	*0.062*	*0.019*	*0.062*	*0.019*		
None	D5 Stream	12.1	10.4	6.40	1.46	6.40	1.46		
50 %		6.06	5.21	3.20	0.731	3.20	0.731		
75 %		3.03	2.60	1.60	0.366	1.60	0.366		
90 %		1.21	1.04	0.639	0.146	0.639	0.146		
None	R1 Pond	*1.05*	*1.18*	*0.670*	*0.202*	*0.670*	*0.202*		
50 %		*0.526*	*0.590*	*0.335*	*0.101*	*0.335*	*0.101*		
75 %		*0.263*	*0.295*	*0.167*	*0.050*	*0.167*	*0.050*		
90 %		*0.105*	*0.118*	*0.067*	*0.020*	*0.067*	*0.020*		
None	R1 Stream	9.40	8.08	4.96	1.13	4.96	1.13		
50 %		4.70	4.04	2.48	0.567	2.48	0.567		
75 %		2.35	2.02	1.24	0.284	1.24	0.284		
90 %		0.940	0.808	0.496	0.113	0.496	0.113		
None	R2 Stream	12.5	10.7	6.58	1.50	6.58	1.50		
50 %		6.24	5.36	3.29	0.752	3.29	0.752		
75 %		3.12	2.68	1.65	0.376	1.65	0.376		
90 %		1.25	1.07	0.658	0.150	0.658	0.150		
None	R3 Stream	13.3	11.4	7.02	1.60	7.02	1.60		
50 %		6.65	5.71	3.51	0.802	3.51	0.802		
75 %		3.33	2.86	1.75	0.401	1.75	0.401		
90 %		1.33	1.14	0.702	0.160	0.702	0.160		
None	R4 Stream	9.46	8.12	4.99	1.14	4.99	1.14		
50 %		4.73	4.06	2.50	0.570	2.50	0.570		
75 %		2.36	2.03	1.25	0.285	1.25	0.285		
90 %		0.945	0.812	0.499	0.114	0.499	0.114		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-210: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	5.51	3.72	1.66	0.512	1.66	0.512		
50 %		2.75	1.86	0.830	0.256	0.830	0.256		
75 %		1.38	0.929	0.415	0.128	0.415	0.128		
90 %		0.551	0.372	0.166	0.051	0.166	0.051		

None	D4 Pond	*0.342*	*0.391*	*0.215*	*0.089*	*0.215*	*0.089*		
50 %		*0.171*	*0.195*	*0.107*	*0.044*	*0.107*	*0.044*		
75 %		*0.085*	*0.097*	*0.054*	*0.022*	*0.054*	*0.022*		
90 %		*0.034*	*0.039*	*0.021*	*0.009*	*0.021*	*0.009*		
None	D4 Stream	5.32	4.15	1.86	0.572	1.86	0.572		
50 %		2.66	2.08	0.927	0.286	0.927	0.286		
75 %		1.33	1.04	0.464	0.143	0.464	0.143		
90 %		0.532	0.415	0.185	0.057	0.185	0.057		
None	D5 Pond	*0.354*	*0.405*	*0.222*	*0.092*	*0.222*	*0.092*		
50 %		*0.177*	*0.202*	*0.111*	*0.046*	*0.111*	*0.046*		
75 %		*0.088*	*0.101*	*0.055*	*0.023*	*0.055*	*0.023*		
90 %		*0.035*	*0.040*	*0.022*	*0.009*	*0.022*	*0.009*		
None	D5 Stream	5.96	4.65	2.08	0.641	2.08	0.641		
50 %		2.98	2.33	1.04	0.321	1.04	0.321		
75 %		1.49	1.16	0.519	0.160	0.519	0.160		
90 %		0.596	0.465	0.208	0.064	0.208	0.064		
None	R1 Pond	*0.333*	*0.381*	*0.209*	*0.086*	*0.209*	*0.086*		
50 %		*0.167*	*0.190*	*0.104*	*0.043*	*0.104*	*0.043*		
75 %		*0.083*	*0.095*	*0.052*	*0.022*	*0.052*	*0.022*		
90 %		*0.033*	*0.038*	*0.021*	*0.009*	*0.021*	*0.009*		
None	R1 Stream	4.23	3.30	1.47	0.455	1.47	0.455		
50 %		2.11	1.65	0.737	0.227	0.737	0.227		
75 %		1.06	0.824	0.368	0.114	0.368	0.114		
90 %		0.423	0.330	0.147	0.046	0.147	0.046		
None	R2 Stream	5.66	4.42	1.98	0.609	1.98	0.609		
50 %		2.83	2.21	0.987	0.305	0.987	0.305		
75 %		1.42	1.11	0.494	0.152	0.494	0.152		
90 %		0.566	0.442	0.197	0.061	0.197	0.061		
None	R3 Stream	5.96	4.65	2.08	0.641	2.08	0.641		
50 %		2.98	2.32	1.04	0.320	1.04	0.320		
75 %		1.49	1.16	0.519	0.160	0.519	0.160		
90 %		0.596	0.465	0.208	0.064	0.208	0.064		
None	R4 Stream	4.22	3.30	1.47	0.455	1.47	0.455		
50 %		2.11	1.65	0.736	0.227	0.736	0.227		
75 %		1.06	0.824	0.368	0.114	0.368	0.114		
90 %		0.422	0.330	0.147	*0.093*	0.147	0.046		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-211: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to lettuce, rocket according to the Central EU zone GAP according to surface water Step 4 (modelling use Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.26	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.316	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D3 Ditch 2nd	1.27	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.317	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	*0.056*	*0.048*	*0.034*	*0.023*	*0.034*	*0.023*		
50 %		*0.028*	*0.024*	*0.017*	*0.011*	*0.017*	*0.011*		
75 %		*0.014*	*0.012*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.005*	*0.003*	*0.002*	*0.003*	*0.002*		
None	D4 Stream	1.02	0.374	0.198	0.103	0.198	0.103		
50 %		0.511	0.187	0.099	0.052	0.099	0.052		
75 %		0.256	0.093	0.050	0.026	0.050	0.026		
90 %		0.102	0.037	0.020	0.010	0.020	0.010		
None	D6 Ditch	1.24	0.337	0.179	0.093	0.179	0.093		
50 %		0.621	0.168	0.089	0.046	0.089	0.046		
75 %		0.311	0.084	0.045	0.023	0.045	0.023		
90 %		0.124	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.063*	*0.054*	*0.038*	*0.025*	*0.038*	*0.025*		
50 %		*0.032*	*0.027*	*0.019*	*0.013*	*0.019*	*0.013*		
75 %		*0.016*	*0.014*	*0.010*	*0.006*	*0.010*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.003*	*0.004*	*0.003*		
None	R1 Pond 2nd	*0.061*	*0.052*	*0.037*	*0.024*	*0.037*	*0.024*		
50 %		*0.030*	*0.026*	*0.018*	*0.012*	*0.018*	*0.012*		
75 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.006*	*0.005*	*0.004*	*0.004*	*0.002*		
None	R1 Stream	0.834	0.305	0.162	0.084	0.162	0.084		
50 %		0.417	0.152	0.081	0.042	0.081	0.042		
75 %		0.208	0.076	0.040	*0.022*	0.040	0.021		
90 %		0.083	0.031	*0.022*	*0.022*	0.016	0.008		
None	R1 Stream	0.837	0.306	0.162	0.084	0.162	0.084		

50 %	2nd	0.418	0.153	0.081	0.042	0.081	0.042		
75 %		0.209	0.076	0.041	*0.036*	0.041	0.021		
90 %		0.084	*0.036*	*0.036*	*0.036*	*0.016*	*0.009*		
None	R2 Stream	1.10	0.403	0.214	0.111	0.214	0.111		
50 %		0.551	0.201	0.107	0.056	0.107	0.056		
75 %		0.276	0.101	0.053	0.028	0.053	0.028		
90 %		0.110	0.040	0.021	*0.019*	0.021	0.011		
None	R2 Stream 2nd	1.12	0.410	0.217	0.113	0.217	0.113		
50 %		0.561	0.205	0.109	0.057	0.109	0.057		
75 %		0.280	0.102	0.054	0.028	0.054	0.028		
90 %		0.112	0.041	0.022	0.011	0.022	0.011		
None	R3 Stream	1.17	0.428	0.227	0.118	0.227	0.118		
50 %		0.586	0.214	0.114	0.059	0.114	0.059		
75 %		0.293	0.107	0.057	*0.044*	0.057	0.030		
90 %		0.117	*0.044*	*0.044*	*0.044*	0.023	0.012		
None	R3 Stream 2nd	1.18	0.431	0.229	0.119	0.229	0.119		
50 %		0.590	0.215	0.114	0.059	0.114	0.059		
75 %		0.295	0.108	0.057	0.030	0.057	0.030		
90 %		0.118	0.043	0.023	0.012	0.023	0.012		
None	R4 Stream	0.835	0.305	*0.244*	*0.244*	0.162	0.084		
50 %		0.418	*0.244*	*0.244*	*0.244*	*0.111*	*0.058*		
75 %		*0.244*	*0.244*	*0.244*	*0.244*	*0.111*	*0.058*		
90 %		*0.244*	*0.244*	*0.244*	*0.244*	*0.111*	*0.058*		
None	R4 Stream 2nd	0.829	0.303	0.161	0.083	0.161	0.083		
50 %		0.414	0.151	0.080	0.042	0.080	0.042		
75 %		0.207	0.076	0.040	0.021	0.040	0.021		
90 %		0.083	0.030	*0.019*	*0.019*	0.016	0.008		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-212: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to lettuce, rocket according to the Central EU zone GAP according to surface water Step 4 (modelling use Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.27	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.317	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		

None	D3 Ditch 2nd	1.26	0.342	0.181	0.094	0.181	0.094		
50 %		0.630	0.171	0.091	0.047	0.091	0.047		
75 %		0.315	0.085	0.045	0.024	0.045	0.024		
90 %		0.126	0.034	0.018	0.009	0.018	0.009		
None	D4 Pond	*0.060*	*0.052*	*0.037*	*0.024*	*0.037*	*0.024*		
50 %		*0.030*	*0.026*	*0.018*	*0.012*	*0.018*	*0.012*		
75 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.002*	*0.004*	*0.002*		
None	D4 Stream	0.902	0.330	0.175	0.091	0.175	0.091		
50 %		0.451	0.165	0.087	0.045	0.087	0.045		
75 %		0.225	0.082	0.044	0.023	0.044	0.023		
90 %		0.090	0.033	0.018	0.009	0.018	0.009		
None	D6 Ditch	1.24	0.335	0.178	0.092	0.178	0.092		
50 %		0.617	0.167	0.089	0.046	0.089	0.046		
75 %		0.309	0.084	0.044	0.023	0.044	0.023		
90 %		0.123	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	*0.055*	*0.048*	*0.035*	*0.026*	*0.033*	*0.022*		
50 %		*0.030*	*0.027*	*0.023*	*0.019*	*0.017*	*0.011*		
75 %		*0.020*	*0.019*	*0.017*	*0.015*	*0.010*	*0.006*		
90 %		*0.015*	*0.014*	*0.014*	*0.013*	*0.007*	*0.004*		
None	R1 Pond 2nd	*0.059*	*0.051*	*0.036*	*0.024*	*0.036*	*0.024*		
50 %		*0.029*	*0.025*	*0.018*	*0.012*	*0.018*	*0.012*		
75 %		*0.015*	*0.013*	*0.009*	*0.006*	*0.009*	*0.006*		
90 %		*0.006*	*0.005*	*0.004*	*0.003*	*0.004*	*0.002*		
None	R1 Stream	0.837	0.306	0.162	*0.118*	0.162	0.084		
50 %		0.418	0.153	*0.118*	*0.118*	0.081	0.042		
75 %		0.209	*0.118*	*0.118*	*0.118*	*0.053*	*0.028*		
90 %		*0.118*	*0.118*	*0.118*	*0.118*	*0.053*	*0.028*		
None	R1 Stream 2nd	0.837	0.306	0.162	0.084	0.162	0.084		
50 %		0.418	0.153	0.081	*0.063*	0.081	0.042		
75 %		0.209	0.076	*0.063*	*0.063*	0.041	0.021		
90 %		0.084	*0.063*	*0.063*	*0.063*	*0.026*	*0.013*		
None	R2 Stream	1.12	0.410	0.217	0.113	0.217	0.113		
50 %		0.561	0.205	0.109	0.057	0.109	0.057		
75 %		0.280	0.102	0.054	0.028	0.054	0.028		
90 %		0.112	0.041	0.022	*0.019*	0.022	0.011		
None	R2 Stream 2nd	1.11	0.405	0.215	0.112	0.215	0.112		
50 %		0.554	0.203	0.107	0.064	0.107	0.056		
75 %		0.277	0.101	0.064	0.064	0.054	0.028		
90 %		0.111	0.064	0.064	0.064	0.029	0.015		
None	R3 Stream	1.18	0.431	0.228	0.119	0.228	0.119		
50 %		0.589	0.215	0.114	*0.111*	0.114	0.059		

75 %		0.295	*0.111*	*0.111*	*0.111*	0.057	0.030		
90 %		0.118	*0.111*	*0.111*	*0.111*	*0.051*	*0.026*		
None	R3 Stream 2nd	1.18	0.429	0.228	0.118	0.228	0.118		
50 %		0.587	0.215	0.114	0.059	0.114	0.059		
75 %		0.294	0.107	0.057	*0.043*	0.057	0.030		
90 %		0.118	0.043	*0.043*	*0.043*	0.023	0.012		
None	R4 Stream	0.835	*0.351*	*0.351*	*0.351*	0.162	0.084		
50 %		0.418	*0.351*	*0.351*	*0.351*	*0.159*	*0.083*		
75 %		*0.351*	*0.351*	*0.351*	*0.351*	*0.159*	*0.083*		
90 %		*0.351*	*0.351*	*0.351*	*0.351*	*0.159*	*0.083*		
None	R4 Stream 2nd	0.837	0.306	0.162	*0.101*	0.162	0.084		
50 %		0.418	0.153	*0.101*	*0.101*	0.081	0.042		
75 %		0.209	*0.101*	*0.101*	*0.101*	*0.046*	*0.024*		
90 %		*0.101*	*0.101*	*0.101*	*0.101*	*0.046*	*0.024*		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-213: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket according to the Central EU zone GAP according to surface water Step 4 (modelling use Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.26	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.316	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D3 Ditch 2nd	1.27	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.317	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D4 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	1.02	0.374	0.198	0.103	0.198	0.103		
50 %		0.511	0.187	0.099	0.052	0.099	0.052		
75 %		0.256	0.093	0.050	0.026	0.050	0.026		
90 %		0.102	0.037	0.020	0.010	0.020	0.010		
None	D6 Ditch	1.24	0.337	0.179	0.093	0.179	0.093		

50 %		0.621	0.168	0.089	0.046	0.089	0.046		
75 %		0.311	0.084	0.045	0.023	0.045	0.023		
90 %		0.124	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Pond 2nd	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.834	0.305	0.162	0.084	0.162	0.084		
50 %		0.417	0.152	0.081	0.042	0.081	0.042		
75 %		0.208	0.076	0.040	0.021	0.040	0.021		
90 %		0.083	0.031	0.016	0.008	0.016	0.008		
None	R1 Stream 2nd	0.837	0.306	0.162	0.084	0.162	0.084		
50 %		0.418	0.153	0.081	0.042	0.081	0.042		
75 %		0.209	0.076	0.041	0.021	0.041	0.021		
90 %		0.084	0.031	0.016	0.008	0.016	0.008		
None	R2 Stream	1.10	0.403	0.214	0.111	0.214	0.111		
50 %		0.551	0.201	0.107	0.056	0.107	0.056		
75 %		0.276	0.101	0.053	0.028	0.053	0.028		
90 %		0.110	0.040	0.021	0.011	0.021	0.011		
None	R2 Stream 2nd	1.12	0.410	0.217	0.113	0.217	0.113		
50 %		0.561	0.205	0.109	0.057	0.109	0.057		
75 %		0.280	0.102	0.054	0.028	0.054	0.028		
90 %		0.112	0.041	0.022	0.011	0.022	0.011		
None	R3 Stream	1.17	0.428	0.227	0.118	0.227	0.118		
50 %		0.586	0.214	0.114	0.059	0.114	0.059		
75 %		0.293	0.107	0.057	0.030	0.057	0.030		
90 %		0.117	0.043	0.023	0.012	0.023	0.012		
None	R3 Stream 2nd	1.18	0.431	0.229	0.119	0.229	0.119		
50 %		0.590	0.215	0.114	0.059	0.114	0.059		
75 %		0.295	0.108	0.057	0.030	0.057	0.030		
90 %		0.118	0.043	0.023	0.012	0.023	0.012		
None	R4 Stream	0.835	0.305	0.189	0.189	0.162	0.084		
50 %		0.418	0.189	0.189	0.189	0.086	0.045		
75 %		0.209	0.189	0.189	0.189	0.086	0.045		
90 %		0.189	0.189	0.189	0.189	0.086	0.045		
None	R4 Stream 2nd	0.829	0.303	0.161	0.083	0.161	0.083		
50 %		0.414	0.151	0.080	0.042	0.080	0.042		
75 %		0.207	0.076	0.040	0.021	0.040	0.021		

90 %		0.083	0.030	0.016	0.015	0.016	0.008		

Table 8.9-214: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket according to the Central EU zone GAP according to surface water Step 4 (modelling use Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D3 Ditch	1.27	0.343	0.182	0.095	0.182	0.095		
50 %		0.633	0.172	0.091	0.047	0.091	0.047		
75 %		0.317	0.086	0.046	0.024	0.046	0.024		
90 %		0.127	0.034	0.018	0.010	0.018	0.010		
None	D3 Ditch 2nd	1.26	0.342	0.181	0.094	0.181	0.094		
50 %		0.630	0.171	0.091	0.047	0.091	0.047		
75 %		0.315	0.085	0.045	0.024	0.045	0.024		
90 %		0.126	0.034	0.018	0.009	0.018	0.009		
None	D4 Pond	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	D4 Stream	0.902	0.330	0.175	0.091	0.175	0.091		
50 %		0.451	0.165	0.087	0.045	0.087	0.045		
75 %		0.225	0.082	0.044	0.023	0.044	0.023		
90 %		0.090	0.033	0.018	0.009	0.018	0.009		
None	D6 Ditch	1.26	0.341	0.181	0.094	0.181	0.094		
50 %		0.629	0.171	0.091	0.047	0.091	0.047		
75 %		0.315	0.085	0.045	0.024	0.045	0.024		
90 %		0.126	0.034	0.018	0.009	0.018	0.009		
None	R1 Pond	0.044	0.038	0.028	0.022	0.027	0.018		
50 %		0.025	0.023	0.019	0.016	0.014	0.009		
75 %		0.017	0.016	0.014	0.012	0.009	0.005		
90 %		0.012	0.012	0.011	0.010	0.006	0.003		
None	R1 Pond 2nd	0.044	0.038	0.027	0.018	0.027	0.018		
50 %		0.022	0.019	0.014	0.009	0.014	0.009		
75 %		0.011	0.009	0.007	0.005	0.007	0.005		
90 %		0.004	0.004	0.003	0.002	0.003	0.002		
None	R1 Stream	0.837	0.306	0.162	0.118	0.162	0.084		
50 %		0.418	0.153	0.118	0.118	0.081	0.042		
75 %		0.209	0.118	0.118	0.118	0.053	0.028		

90 %		0.118	0.118	0.118	0.118	0.053	0.028		
None	R1 Stream 2nd	0.837	0.306	0.162	0.084	0.162	0.084		
50 %		0.418	0.153	0.081	0.051	0.081	0.042		
75 %		0.209	0.076	0.051	0.051	0.041	0.021		
90 %		0.084	0.051	0.051	0.051	0.022	0.011		
None	R2 Stream	1.12	0.410	0.217	0.113	0.217	0.113		
50 %		0.561	0.205	0.109	0.057	0.109	0.057		
75 %		0.280	0.102	0.054	0.028	0.054	0.028		
90 %		0.112	0.041	0.022	0.011	0.022	0.011		
None	R2 Stream 2nd	1.11	0.405	0.215	0.112	0.215	0.112		
50 %		0.554	0.203	0.107	0.056	0.107	0.056		
75 %		0.277	0.101	0.054	0.038	0.054	0.028		
90 %		0.111	0.041	0.038	0.038	0.022	0.011		
None	R3 Stream	1.18	0.431	0.228	0.119	0.228	0.119		
50 %		0.589	0.215	0.114	0.059	0.114	0.059		
75 %		0.295	0.108	0.057	0.030	0.057	0.030		
90 %		0.118	0.043	0.023	0.012	0.023	0.012		
None	R3 Stream 2nd	1.18	0.429	0.228	0.118	0.228	0.118		
50 %		0.587	0.215	0.114	0.059	0.114	0.059		
75 %		0.294	0.107	0.057	0.043	0.057	0.030		
90 %		0.118	0.043	0.043	0.043	0.023	0.012		
None	R4 Stream	0.835	0.354	0.354	0.354	0.162	0.084		
50 %		0.418	0.354	0.354	0.354	0.161	0.084		
75 %		0.354	0.354	0.354	0.354	0.161	0.084		
90 %		0.354	0.354	0.354	0.354	0.161	0.084		
None	R4 Stream 2nd	0.837	0.306	0.162	0.084	0.162	0.084		
50 %		0.418	0.153	0.081	0.067	0.081	0.042		
75 %		0.209	0.076	0.067	0.067	0.041	0.021		
90 %		0.084	0.067	0.067	0.067	0.031	0.016		

Table 8.9-215: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, chokeberry, mulberry, tree nursery according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	Scenario	Step 4 trifloxystrobin							
Nozzle reduction	Vegetated strip (m)	None	None						
	No spray buffer (m)	30 m	50 m						
None	D3 Ditch	0.655	0.193						

50 %		0.327	0.097						
75 %		0.164	0.048						
90 %		0.065	0.019						
None	D4 Pond	*0.128*	*0.043*						
50 %		*0.064*	*0.022*						
75 %		*0.032*	*0.011*						
90 %		*0.013*	*0.004*						
None	D4 Stream	0.729	0.215						
50 %		0.365	0.108						
75 %		0.182	0.054						
90 %		0.073	0.022						
None	D5 Pond	*0.128*	*0.043*						
50 %		*0.064*	*0.021*						
75 %		*0.032*	*0.011*						
90 %		*0.013*	*0.004*						
None	D5 Stream	0.745	0.220						
50 %		0.373	0.110						
75 %		0.186	0.055						
90 %		0.075	0.022						
None	R1 Pond	*0.128*	*0.043*						
50 %		*0.064*	*0.021*						
75 %		*0.032*	*0.011*						
90 %		*0.013*	*0.004*						
None	R1 Stream	0.578	0.171						
50 %		0.289	0.085						
75 %		0.145	0.043						
90 %		0.058	0.017						
None	R2 Stream	0.767	0.227						
50 %		0.384	0.113						
75 %		0.192	0.057						
90 %		0.077	0.023						
None	R3 Stream	0.818	0.242						
50 %		0.409	0.121						
75 %		0.205	0.060						
90 %		0.082	0.032						
None	R4 Stream	0.582	0.172						
50 %		0.291	*0.093*						
75 %		0.145	*0.093*						
90 %		*0.093*	*0.093*						

* Maximum values coming from multiple applications are marked in italics

Table 8.9-216: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, chokeberry, mulberry, tree nursery according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**									
Nozzle reduction	Vegetated strip (m)	None	None								
	No spray buffer (m)	30 m	50 m								
None	D3 Ditch	0.339	0.140								
50 %		0.170	0.070								
75 %		0.085	0.035								
90 %		0.034	0.014								
None	D4 Pond	*0.074*	*0.034*								
50 %		*0.037*	*0.017*								
75 %		*0.019*	*0.009*								
90 %		*0.007*	*0.003*								
None	D4 Stream	0.385	0.158								
50 %		0.192	0.079								
75 %		0.096	0.040								
90 %		0.039	0.016								
None	D5 Pond	*0.074*	*0.034*								
50 %		*0.037*	*0.017*								
75 %		*0.019*	*0.009*								
90 %		*0.007*	*0.003*								
None	D5 Stream	0.425	0.175								
50 %		0.212	0.087								
75 %		0.106	0.044								
90 %		0.043	0.018								
None	R1 Pond	*0.065*	*0.030*								
50 %		*0.033*	*0.015*								
75 %		*0.016*	*0.008*								
90 %		*0.007*	*0.003*								
None	R1 Stream	0.301	0.124								
50 %		0.151	0.062								
75 %		0.075	0.031								
90 %		0.030	0.012								
None	R2 Stream	0.404	0.166								
50 %		0.202	0.083								
75 %		0.101	0.042								
90 %		0.040	0.017								

None	R3 Stream	0.424	*0.220*						
50 %		*0.220*	*0.220*						
75 %		*0.220*	*0.220*						
90 %		*0.220*	*0.220*						
None	R4 Stream	0.301	0.124						
50 %		0.151	*0.080*						
75 %		*0.080*	*0.080*						
90 %		*0.080*	*0.080*						

* Maximum values coming from multiple applications are marked in italics

Table 8.9-217: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, mulberry according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None						
	No spray buffer (m)	30 m	50 m						
None	D3 Ditch	0.491	0.145						
50 %		0.245	0.073						
75 %		0.123	0.036						
90 %		0.049	0.015						
None	D4 Pond	*0.090*	*0.030*						
50 %		*0.045*	*0.015*						
75 %		*0.022*	*0.008*						
90 %		*0.009*	*0.003*						
None	D4 Stream	0.547	0.161						
50 %		0.273	0.081						
75 %		0.137	0.040						
90 %		0.055	0.016						
None	D5 Pond	*0.082*	*0.028*						
50 %		*0.041*	*0.014*						
75 %		*0.021*	*0.007*						
90 %		*0.008*	*0.003*						
None	D5 Stream	0.559	0.165						
50 %		0.279	0.083						
75 %		0.140	0.041						
90 %		0.056	0.017						
None	R1 Pond	*0.089*	*0.030*						
50 %		*0.045*	*0.015*						
75 %		*0.022*	*0.008*						

90 %		*0.009*	*0.003*						
None	R1 Stream	0.434	0.128						
50 %		0.217	0.064						
75 %		0.108	0.032						
90 %		0.043	0.013						
None	R2 Stream	0.575	0.170						
50 %		0.288	0.085						
75 %		0.144	0.043						
90 %		0.058	0.017						
None	R3 Stream	0.613	0.181						
50 %		0.307	0.091						
75 %		0.153	0.045						
90 %		0.061	0.024						
None	R4 Stream	0.436	0.129						
50 %		0.218	*0.098*						
75 %		0.109	*0.098*						
90 %		*0.098*	*0.098*						

* Maximum values coming from multiple applications are marked in italics

Table 8.9-218: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to elderberry, mulberry according to the Central EU zone GAP according to surface water Step 4 (modelling use Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None						
	No spray buffer (m)	30 m	50 m						
None	D3 Ditch	0.255	0.105						
50 %		0.127	0.052						
75 %		0.064	0.026						
90 %		0.025	0.011						
None	D4 Pond	*0.050*	*0.023*						
50 %		*0.025*	*0.012*						
75 %		*0.013*	*0.006*						
90 %		*0.005*	*0.002*						
None	D4 Stream	0.284	0.117						
50 %		0.142	0.059						
75 %		0.071	0.029						
90 %		0.028	0.012						
None	D5 Pond	*0.052*	*0.024*						
50 %		*0.026*	*0.012*						

75 %		*0.013*	*0.006*						
90 %		*0.005*	*0.002*						
None	D5 Stream	0.319	0.131						
50 %		0.159	0.066						
75 %		0.080	0.033						
90 %		0.032	0.013						
None	R1 Pond	*0.049*	*0.022*						
50 %		*0.024*	*0.011*						
75 %		*0.012*	*0.006*						
90 %		*0.005*	*0.002*						
None	R1 Stream	0.226	0.093						
50 %		0.113	0.047						
75 %		0.057	0.023						
90 %		0.023	0.009						
None	R2 Stream	0.303	0.125						
50 %		0.151	0.062						
75 %		0.076	0.031						
90 %		0.030	0.012						
None	R3 Stream	0.318	0.131						
50 %		0.159	0.066						
75 %		0.080	0.037						
90 %		0.037	0.037						
None	R4 Stream	0.226	0.093						
50 %		0.113	*0.093*						
75 %		*0.093*	*0.093*						
90 %		*0.093*	*0.093*						

* Maximum values coming from multiple applications are marked in italics

Tobacco and Hops

Table 8.9-219: PECsw values for trifloxystrobin, following single application of FLU+TFS SC 500 to tobacco according to the Central EU zone GAP according to surface water Step 4 (modelling use Tobacco [ID: 241] -- BBCH 11 - 39 -- 0.2 kg a.s./ha)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	R3 Stream	0.942	0.431	0.229	0.119	0.081	0.049	0.229	0.119
50 %		0.471	0.215	0.114	0.059	0.040	0.025	0.114	0.059
75 %		0.235	0.108	0.057	0.030	0.020	0.012	0.057	0.030

90 %		0.094	0.043	0.023	0.012	0.008	0.005	0.023	0.012

Table 8.9-220: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to hops according to the Central EU zone GAP according to surface water Step 4 (modelling use Hops [ID: 141] -- BBCH 37 - 79, early -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	R1 Pond	*0.466*	*0.535*	*0.286*	*0.088*	*0.038*	*0.012*	*0.286*	*0.087*
50 %		*0.233*	*0.268*	*0.143*	*0.044*	*0.019*	*0.007*	*0.143*	*0.044*
75 %		*0.117*	*0.134*	*0.072*	*0.023*	*0.010*	*0.004*	*0.072*	*0.022*
90 %		*0.047*	*0.054*	*0.029*	*0.010*	*0.005*	*0.002*	*0.029*	*0.009*
None	R1 Stream	5.64	4.61	2.40	0.722	0.234	0.056	2.40	0.722
50 %		2.82	2.30	1.20	0.361	0.117	0.028	1.20	0.361
75 %		1.41	1.15	0.600	0.180	0.059	0.014	0.600	0.180
90 %		0.564	0.460	0.240	0.072	0.023	0.014	0.240	0.072

* Maximum values coming from multiple applications are marked in italics

Table 8.9-221: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to hops according to the Central EU zone GAP according to surface water Step 4 (modelling use Hops [ID: 141] -- BBCH 37 - 79, late -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	R1 Pond	*0.430*	*0.494*	*0.264*	*0.080*	*0.034*	*0.011*	*0.264*	*0.080*
50 %		*0.215*	*0.247*	*0.132*	*0.040*	*0.017*	*0.005*	*0.132*	*0.040*
75 %		*0.107*	*0.123*	*0.066*	*0.020*	*0.008*	*0.003*	*0.066*	*0.020*
90 %		*0.043*	*0.049*	*0.026*	*0.008*	*0.003*	*0.001*	*0.026*	*0.008*
None	R1 Stream	5.52	4.50	2.35	0.706	0.229	0.055	2.35	0.706
50 %		2.76	2.25	1.17	0.353	0.114	0.027	1.17	0.353
75 %		1.38	1.13	0.587	0.176	0.057	0.014	0.587	0.176
90 %		0.551	0.450	0.235	0.071	0.023	0.006	0.235	0.071

* Maximum values coming from multiple applications are marked in italics

Vines I – II

Table 8.9-222: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines I -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	2.52	1.52	0.551	0.193	0.104	0.047	0.551	0.193
50 %		1.26	0.762	0.276	0.097	0.052	0.024	0.276	0.097
75 %		0.630	0.381	0.138	0.048	0.026	0.012	0.138	0.048
90 %		0.252	0.152	0.055	0.019	0.010	0.005	0.055	0.019
None	R1 Pond	*0.140*	*0.163*	*0.089*	*0.045*	*0.028*	*0.015*	*0.089*	*0.045*
50 %		*0.070*	*0.082*	*0.045*	*0.022*	*0.014*	*0.008*	*0.045*	*0.022*
75 %		*0.035*	*0.041*	*0.022*	*0.011*	*0.007*	*0.004*	*0.022*	*0.011*
90 %		*0.014*	*0.016*	*0.009*	*0.004*	*0.003*	*0.002*	*0.009*	*0.004*
None	R1 Stream	1.87	1.36	0.492	0.173	0.093	0.042	0.492	0.173
50 %		0.933	0.680	0.246	0.086	0.046	0.021	0.246	0.086
75 %		0.467	0.340	0.123	0.043	0.023	0.011	0.123	0.043
90 %		0.187	0.136	0.049	0.017	0.009	*0.005*	0.049	0.017
None	R2 Stream	2.48	1.81	0.654	0.229	0.123	0.056	0.654	0.229
50 %		1.24	0.903	0.327	0.115	0.062	0.028	0.327	0.115
75 %		0.620	0.452	0.164	0.057	0.031	0.014	0.164	0.057
90 %		0.248	0.181	0.065	0.023	0.012	0.006	0.065	0.023
None	R3 Stream	2.64	1.92	0.697	0.244	0.131	0.060	0.697	0.244
50 %		1.32	0.962	0.348	0.122	0.066	0.030	0.348	0.122
75 %		0.660	0.481	0.174	0.061	0.033	0.015	0.174	0.061
90 %		0.264	0.192	0.070	0.024	0.013	0.006	0.070	0.024
None	R4 Stream	1.88	1.37	0.496	0.174	0.093	0.043	0.496	0.174
50 %		0.940	0.685	0.248	0.087	0.047	*0.035*	0.248	0.087
75 %		0.470	0.342	0.124	0.044	*0.035*	*0.035*	0.124	0.044
90 %		0.188	0.137	0.050	*0.035*	*0.035*	*0.035*	0.050	0.017

* Maximum values coming from multiple applications are marked in italics

Table 8.9-223: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines I -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	*2.61*	*1.57*	*0.564*	0.197	0.106	0.048	*0.564*	0.197
50 %		*1.31*	*0.786*	*0.282*	0.099	0.053	0.024	*0.282*	0.099
75 %		*0.652*	*0.393*	*0.141*	0.049	0.027	0.012	*0.141*	0.049
90 %		*0.261*	*0.157*	*0.056*	0.020	0.011	0.005	*0.056*	0.020
None	R1 Pond	*0.137*	*0.159*	*0.088*	*0.045*	*0.029*	*0.016*	*0.087*	*0.043*
50 %		*0.069*	*0.080*	*0.045*	*0.023*	*0.015*	*0.009*	*0.044*	*0.022*
75 %		*0.035*	*0.041*	*0.023*	*0.012*	*0.008*	*0.005*	*0.022*	*0.011*
90 %		*0.015*	*0.017*	*0.010*	*0.006*	*0.004*	*0.003*	*0.009*	*0.005*
None	R1 Stream	1.88	1.37	0.496	0.174	0.093	0.042	0.496	0.174
50 %		0.939	0.684	0.248	0.087	0.047	*0.029*	0.248	0.087
75 %		0.470	0.342	0.124	0.044	*0.029*	*0.029*	0.124	0.044
90 %		0.188	0.137	0.050	*0.029*	*0.029*	*0.029*	0.050	0.017
None	R2 Stream	2.53	1.84	0.666	0.234	0.126	0.057	0.666	0.234
50 %		1.26	0.920	0.333	0.117	0.063	0.029	0.333	0.117
75 %		0.631	0.460	0.167	0.058	0.031	0.014	0.167	0.058
90 %		0.253	0.184	0.067	0.023	0.013	0.006	0.067	0.023
None	R3 Stream	2.66	1.94	0.701	0.246	0.132	0.060	0.701	0.246
50 %		1.33	0.967	0.350	0.123	0.066	0.030	0.350	0.123
75 %		0.664	0.484	0.175	0.061	0.033	0.015	0.175	0.061
90 %		0.266	0.193	0.070	0.025	0.013	*0.009*	0.070	0.025
None	R4 Stream	1.88	1.37	0.497	0.174	0.094	0.043	0.497	0.174
50 %		0.942	0.686	0.249	0.087	0.047	0.021	0.249	0.087
75 %		0.471	0.343	0.124	0.044	0.023	0.011	0.124	0.044
90 %		0.188	0.137	0.050	0.017	0.009	*0.006*	0.050	0.017

* Maximum values coming from multiple applications are marked in italics

Table 8.9-224: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines I -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	*3.09*	*1.86*	*0.667*	*0.231*	*0.124*	*0.056*	*0.667*	*0.231*
50 %		*1.54*	*0.928*	*0.333*	*0.116*	*0.062*	*0.028*	*0.333*	*0.116*
75 %		*0.771*	*0.464*	*0.166*	*0.058*	*0.031*	*0.014*	*0.166*	*0.058*
90 %		*0.308*	*0.185*	*0.066*	*0.023*	*0.012*	*0.006*	*0.066*	*0.023*
None	R1 Pond	*0.129*	*0.150*	*0.082*	*0.041*	*0.026*	*0.014*	*0.082*	*0.041*
50 %		*0.064*	*0.075*	*0.041*	*0.020*	*0.013*	*0.007*	*0.041*	*0.020*
75 %		*0.032*	*0.037*	*0.020*	*0.010*	*0.007*	*0.004*	*0.020*	*0.010*
90 %		*0.013*	*0.015*	*0.008*	*0.004*	*0.003*	*0.001*	*0.008*	*0.004*
None	R1 Stream	1.88	1.37	0.497	0.174	0.094	0.043	0.497	0.174
50 %		0.942	0.686	0.249	0.087	0.047	0.021	0.249	0.087
75 %		0.471	0.343	0.124	0.044	0.023	0.011	0.124	0.044
90 %		0.188	0.137	0.050	0.017	0.009	0.004	0.050	0.017
None	R2 Stream	2.53	1.84	0.666	0.234	0.126	0.057	0.666	0.234
50 %		1.26	0.920	0.333	0.117	0.063	0.029	0.333	0.117
75 %		0.631	0.460	0.167	0.058	0.031	0.014	0.167	0.058
90 %		0.253	0.184	0.067	0.023	0.013	0.006	0.067	0.023
None	R3 Stream	2.66	1.94	0.701	0.246	0.132	0.060	0.701	0.246
50 %		1.33	0.967	0.350	0.123	0.066	0.030	0.350	0.123
75 %		0.664	0.484	0.175	0.061	0.033	0.015	0.175	0.061
90 %		0.266	0.193	0.070	0.025	0.013	0.007	0.070	0.025
None	R4 Stream	1.88	1.37	0.497	0.174	*0.143*	*0.143*	0.497	0.174
50 %		0.942	0.686	0.249	*0.143*	*0.143*	*0.143*	0.249	0.087
75 %		0.471	0.343	*0.143*	*0.143*	*0.143*	*0.143*	0.124	0.044
90 %		0.188	*0.143*	*0.143*	*0.143*	*0.143*	*0.143*	*0.064*	*0.033*

* Maximum values coming from multiple applications are marked in italics

Table 8.9-225: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines II -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	3.36	2.03	0.736	0.258	0.139	0.063	0.736	0.258
50 %		1.68	1.01	0.368	0.129	0.069	0.032	0.368	0.129
75 %		0.840	0.508	0.184	0.065	0.035	0.016	0.184	0.065
90 %		0.336	0.203	0.074	0.026	0.014	0.006	0.074	0.026
None	R1 Pond	*0.187*	*0.218*	*0.119*	*0.060*	*0.038*	*0.020*	*0.119*	*0.060*
50 %		*0.094*	*0.109*	*0.060*	*0.030*	*0.019*	*0.010*	*0.060*	*0.030*
75 %		*0.047*	*0.054*	*0.030*	*0.015*	*0.009*	*0.005*	*0.030*	*0.015*
90 %		*0.019*	*0.022*	*0.012*	*0.006*	*0.004*	*0.002*	*0.012*	*0.006*
None	R1 Stream	2.49	1.81	0.657	0.230	0.124	0.056	0.657	0.230
50 %		1.24	0.907	0.328	0.115	0.062	0.028	0.328	0.115
75 %		0.622	0.453	0.164	0.058	0.031	0.014	0.164	0.058
90 %		0.249	0.181	0.066	0.023	0.012	*0.007*	0.066	0.023
None	R2 Stream	3.31	2.41	0.872	0.306	0.164	0.075	0.872	0.306
50 %		1.65	1.20	0.436	0.153	0.082	0.037	0.436	0.153
75 %		0.826	0.602	0.218	0.077	0.041	0.019	0.218	0.077
90 %		0.330	0.241	0.087	0.031	0.016	0.008	0.087	0.031
None	R3 Stream	3.52	2.57	0.929	0.326	0.175	0.080	0.929	0.326
50 %		1.76	1.28	0.465	0.163	0.088	0.040	0.465	0.163
75 %		0.880	0.641	0.232	0.081	0.044	0.020	0.232	0.081
90 %		0.352	0.257	0.093	0.033	0.018	0.008	0.093	0.033
None	R4 Stream	2.51	1.83	0.662	0.232	0.125	0.057	0.662	0.232
50 %		1.25	0.913	0.331	0.116	0.062	*0.048*	0.331	0.116
75 %		0.627	0.457	0.165	0.058	*0.048*	*0.048*	0.165	0.058
90 %		0.251	0.183	0.066	*0.048*	*0.048*	*0.048*	0.066	0.023

* Maximum values coming from multiple applications are marked in italics

Table 8.9-226: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines II -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	*3.49*	*2.10*	*0.752*	0.263	0.141	0.064	*0.752*	0.263
50 %		*1.74*	*1.05*	*0.376*	0.132	0.071	0.032	*0.376*	0.132
75 %		*0.870*	*0.524*	*0.188*	0.066	0.035	0.016	*0.188*	0.066
90 %		*0.348*	*0.209*	0.075	0.026	0.014	0.006	0.075	0.026
None	R1 Pond	*0.182*	*0.212*	*0.117*	*0.059*	*0.039*	*0.022*	*0.116*	*0.058*
50 %		*0.092*	*0.107*	*0.059*	*0.031*	*0.020*	*0.012*	*0.058*	*0.029*
75 %		*0.047*	*0.055*	*0.031*	*0.016*	*0.011*	*0.007*	*0.030*	*0.015*
90 %		*0.020*	*0.023*	*0.014*	*0.008*	*0.006*	*0.004*	*0.012*	*0.006*
None	R1 Stream	2.50	1.83	0.661	0.232	0.124	0.057	0.661	0.232
50 %		1.25	0.912	0.330	0.116	0.062	*0.039*	0.330	0.116
75 %		0.626	0.456	0.165	0.058	*0.039*	*0.039*	0.165	0.058
90 %		0.250	0.182	0.066	*0.039*	*0.039*	*0.039*	0.066	0.023
None	R2 Stream	3.37	2.45	0.889	0.312	0.167	0.076	0.889	0.312
50 %		1.68	1.23	0.444	0.156	0.084	0.038	0.444	0.156
75 %		0.842	0.613	0.222	0.078	0.042	0.019	0.222	0.078
90 %		0.337	0.245	0.089	0.031	0.017	0.008	0.089	0.031
None	R3 Stream	3.54	2.58	0.934	0.328	0.176	0.080	0.934	0.328
50 %		1.77	1.29	0.467	0.164	0.088	0.040	0.467	0.164
75 %		0.885	0.645	0.234	0.082	0.044	0.020	0.234	0.082
90 %		0.354	0.258	0.093	0.033	0.018	*0.013*	0.093	0.033
None	R4 Stream	2.51	1.83	0.663	0.232	0.125	0.057	0.663	0.232
50 %		1.25	0.915	0.331	0.116	0.062	0.028	0.331	0.116
75 %		0.628	0.458	0.166	0.058	0.031	0.014	0.166	0.058
90 %		0.251	0.183	0.066	0.023	0.013	*0.008*	0.066	0.023

* Maximum values coming from multiple applications are marked in italics

Table 8.9-227: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines II -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	*4.12*	*2.48*	*0.889*	*0.309*	*0.165*	*0.074*	*0.889*	*0.309*
50 %		*2.06*	*1.24*	*0.444*	*0.154*	*0.082*	*0.037*	*0.444*	*0.154*
75 %		*1.03*	*0.619*	*0.222*	*0.077*	*0.041*	*0.019*	*0.222*	*0.077*
90 %		*0.411*	*0.247*	*0.089*	*0.031*	*0.016*	*0.007*	*0.089*	*0.031*
None	R1 Pond	*0.172*	*0.200*	*0.109*	*0.055*	*0.035*	*0.019*	*0.109*	*0.055*
50 %		*0.086*	*0.100*	*0.055*	*0.027*	*0.017*	*0.009*	*0.055*	*0.027*
75 %		*0.043*	*0.050*	*0.027*	*0.014*	*0.009*	*0.005*	*0.027*	*0.014*
90 %		*0.017*	*0.020*	*0.011*	*0.005*	*0.003*	*0.002*	*0.011*	*0.005*
None	R1 Stream	2.51	1.83	0.663	0.233	0.125	0.057	0.663	0.233
50 %		1.26	0.915	0.331	0.116	0.062	0.028	0.331	0.116
75 %		0.628	0.458	0.166	0.058	0.031	0.014	0.166	0.058
90 %		0.251	0.183	0.066	0.023	0.013	0.006	0.066	0.023
None	R2 Stream	3.37	2.45	0.889	0.312	0.167	0.076	0.889	0.312
50 %		1.68	1.23	0.444	0.156	0.084	0.038	0.444	0.156
75 %		0.842	0.613	0.222	0.078	0.042	0.019	0.222	0.078
90 %		0.337	0.245	0.089	0.031	0.017	0.008	0.089	0.031
None	R3 Stream	3.54	2.58	0.934	0.328	0.176	0.080	0.934	0.328
50 %		1.77	1.29	0.467	0.164	0.088	0.040	0.467	0.164
75 %		0.885	0.645	0.234	0.082	0.044	0.020	0.234	0.082
90 %		0.354	0.258	0.093	0.033	0.018	0.010	0.093	0.033
None	R4 Stream	2.51	1.83	0.663	0.232	*0.193*	*0.193*	0.663	0.232
50 %		1.25	0.915	0.331	*0.193*	*0.193*	*0.193*	0.331	0.116
75 %		0.628	0.458	*0.193*	*0.193*	*0.193*	*0.193*	0.166	0.058
90 %		0.251	*0.193*	*0.193*	*0.193*	*0.193*	*0.193*	*0.087*	*0.045*

* Maximum values coming from multiple applications are marked in italics

Vines III – IV

Table 8.9-228: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines III -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	2.52	1.52	0.551	0.193	0.104	0.047	0.551	0.193
50 %		1.26	0.762	0.276	0.097	0.052	0.024	0.276	0.097
75 %		0.630	0.381	0.138	0.048	0.026	0.012	0.138	0.048
90 %		0.252	0.152	0.055	0.019	0.010	0.005	0.055	0.019
None	R1 Pond	*0.132*	*0.154*	*0.084*	*0.042*	*0.027*	*0.014*	*0.084*	*0.042*
50 %		*0.066*	*0.077*	*0.042*	*0.021*	*0.013*	*0.007*	*0.042*	*0.021*
75 %		*0.033*	*0.038*	*0.021*	*0.011*	*0.007*	*0.004*	*0.021*	*0.011*
90 %		*0.013*	*0.015*	*0.008*	*0.004*	*0.003*	*0.001*	*0.008*	*0.004*
None	R1 Stream	1.87	1.36	0.492	0.173	0.093	0.042	0.492	0.173
50 %		0.933	0.680	0.246	0.086	0.046	*0.023*	0.246	0.086
75 %		0.467	0.340	0.123	0.043	0.023	*0.023*	0.123	0.043
90 %		0.187	0.136	0.049	*0.023*	*0.023*	*0.023*	0.049	0.017
None	R2 Stream	2.48	1.81	0.654	0.229	0.123	0.056	0.654	0.229
50 %		1.24	0.903	0.327	0.115	0.062	0.028	0.327	0.115
75 %		0.620	0.452	0.164	0.057	0.031	0.014	0.164	0.057
90 %		0.248	0.181	0.065	0.023	0.012	0.006	0.065	0.023
None	R3 Stream	2.64	1.92	0.697	0.244	0.131	0.060	0.697	0.244
50 %		1.32	0.962	0.348	0.122	0.066	0.030	0.348	0.122
75 %		0.660	0.481	0.174	0.061	0.033	0.015	0.174	0.061
90 %		0.264	0.192	0.070	0.024	0.013	0.006	0.070	0.024
None	R4 Stream	1.88	1.37	0.496	0.174	0.093	*0.074*	0.496	0.174
50 %		0.940	0.685	0.248	0.087	*0.074*	*0.074*	0.248	0.087
75 %		0.470	0.342	0.124	*0.074*	*0.074*	*0.074*	0.124	0.044
90 %		0.188	0.137	*0.074*	*0.074*	*0.074*	*0.074*	0.050	0.017

* Maximum values coming from multiple applications are marked in italics

Table 8.9-229: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines III -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	2.57	1.55	0.562	0.197	0.106	0.048	0.562	0.197
50 %		1.28	0.777	0.281	0.099	0.053	0.024	0.281	0.099
75 %		0.642	0.388	0.141	0.049	0.027	0.012	0.141	0.049
90 %		0.257	0.155	0.056	0.020	0.011	0.005	0.056	0.020
None	R1 Pond	*0.134*	*0.155*	*0.086*	*0.044*	*0.028*	*0.016*	*0.085*	*0.042*
50 %		*0.068*	*0.078*	*0.044*	*0.023*	*0.015*	*0.009*	*0.043*	*0.021*
75 %		*0.035*	*0.040*	*0.023*	*0.012*	*0.008*	*0.005*	*0.022*	*0.011*
90 %		*0.015*	*0.017*	*0.010*	*0.006*	*0.004*	*0.003*	*0.009*	*0.005*
None	R1 Stream	1.88	1.37	0.496	0.174	0.093	0.042	0.496	0.174
50 %		0.939	0.684	0.248	0.087	0.047	*0.034*	0.248	0.087
75 %		0.470	0.342	0.124	0.044	*0.034*	*0.034*	0.124	0.044
90 %		0.188	0.137	0.050	*0.034*	*0.034*	*0.034*	0.050	0.017
None	R2 Stream	2.53	1.84	0.666	0.234	0.126	0.057	0.666	0.234
50 %		1.26	0.920	0.333	0.117	0.063	0.029	0.333	0.117
75 %		0.631	0.460	0.167	0.058	0.031	0.014	0.167	0.058
90 %		0.253	0.184	0.067	0.023	0.013	0.006	0.067	0.023
None	R3 Stream	2.66	1.94	0.701	0.246	0.132	0.060	0.701	0.246
50 %		1.33	0.967	0.350	0.123	0.066	0.030	0.350	0.123
75 %		0.664	0.484	0.175	0.061	0.033	*0.021*	0.175	0.061
90 %		0.266	0.193	0.070	0.025	*0.021*	*0.021*	0.070	0.025
None	R4 Stream	1.88	1.37	0.497	0.174	0.094	0.043	0.497	0.174
50 %		0.942	0.686	0.249	0.087	0.047	0.021	0.249	0.087
75 %		0.471	0.343	0.124	0.044	0.023	*0.021*	0.124	0.044
90 %		0.188	0.137	0.050	*0.021*	*0.021*	*0.021*	0.050	0.017

* Maximum values coming from multiple applications are marked in italics

Table 8.9-230: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines III -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	2.57	1.55	0.562	0.197	0.106	0.048	0.562	0.197
50 %		1.28	0.777	0.281	0.099	0.053	0.024	0.281	0.099
75 %		0.642	0.388	0.141	0.049	0.027	0.012	0.141	0.049
90 %		0.257	0.155	0.056	0.020	0.011	0.005	0.056	0.020
None	R1 Pond	*0.129*	*0.150*	*0.082*	*0.041*	*0.026*	*0.014*	*0.082*	*0.041*
50 %		*0.064*	*0.075*	*0.041*	*0.020*	*0.013*	*0.007*	*0.041*	*0.020*
75 %		*0.032*	*0.037*	*0.020*	*0.010*	*0.007*	*0.004*	*0.020*	*0.010*
90 %		*0.013*	*0.015*	*0.008*	*0.004*	*0.003*	*0.001*	*0.008*	*0.004*
None	R1 Stream	1.88	1.37	0.497	0.174	0.094	0.043	0.497	0.174
50 %		0.942	0.686	0.249	0.087	0.047	0.021	0.249	0.087
75 %		0.471	0.343	0.124	0.044	0.023	0.011	0.124	0.044
90 %		0.188	0.137	0.050	0.017	0.009	0.004	0.050	0.017
None	R2 Stream	2.53	1.84	0.666	0.234	0.126	0.057	0.666	0.234
50 %		1.26	0.920	0.333	0.117	0.063	0.029	0.333	0.117
75 %		0.631	0.460	0.167	0.058	0.031	0.014	0.167	0.058
90 %		0.253	0.184	0.067	0.023	0.013	0.006	0.067	0.023
None	R3 Stream	2.66	1.94	0.701	0.246	*0.185*	*0.185*	0.701	0.246
50 %		1.33	0.967	0.350	*0.185*	*0.185*	*0.185*	0.350	0.123
75 %		0.664	0.484	*0.185*	*0.185*	*0.185*	*0.185*	0.175	0.061
90 %		0.266	0.193	*0.185*	*0.185*	*0.185*	*0.185*	*0.084*	*0.044*
None	R4 Stream	1.88	1.37	0.497	0.174	0.094	0.043	0.497	0.174
50 %		0.942	0.686	0.249	0.087	0.047	*0.038*	0.249	0.087
75 %		0.471	0.343	0.124	0.044	*0.038*	*0.038*	0.124	0.044
90 %		0.188	0.137	0.050	*0.038*	*0.038*	*0.038*	0.050	0.017

* Maximum values coming from multiple applications are marked in italics

Table 8.9-231: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines IV -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	3.36	2.03	0.736	0.258	0.139	0.063	0.736	0.258
50 %		1.68	1.01	0.368	0.129	0.069	0.032	0.368	0.129
75 %		0.840	0.508	0.184	0.065	0.035	0.016	0.184	0.065
90 %		0.336	0.203	0.074	0.026	0.014	0.006	0.074	0.026
None	R1 Pond	*0.177*	*0.205*	*0.112*	*0.056*	*0.036*	*0.019*	*0.112*	*0.056*
50 %		*0.088*	*0.103*	*0.056*	*0.028*	*0.018*	*0.010*	*0.056*	*0.028*
75 %		*0.044*	*0.051*	*0.028*	*0.014*	*0.009*	*0.005*	*0.028*	*0.014*
90 %		*0.018*	*0.021*	*0.011*	*0.006*	*0.004*	*0.002*	*0.011*	*0.006*
None	R1 Stream	2.49	1.81	0.657	0.230	0.124	0.056	0.657	0.230
50 %		1.24	0.907	0.328	0.115	0.062	*0.031*	0.328	0.115
75 %		0.622	0.453	0.164	0.058	0.031	*0.031*	0.164	0.058
90 %		0.249	0.181	0.066	*0.031*	*0.031*	*0.031*	0.066	0.023
None	R2 Stream	3.31	2.41	0.872	0.306	0.164	0.075	0.872	0.306
50 %		1.65	1.20	0.436	0.153	0.082	0.037	0.436	0.153
75 %		0.826	0.602	0.218	0.077	0.041	0.019	0.218	0.077
90 %		0.330	0.241	0.087	0.031	0.016	0.008	0.087	0.031
None	R3 Stream	3.52	2.57	0.929	0.326	0.175	0.080	0.929	0.326
50 %		1.76	1.28	0.465	0.163	0.088	0.040	0.465	0.163
75 %		0.880	0.641	0.232	0.081	0.044	0.020	0.232	0.081
90 %		0.352	0.257	0.093	0.033	0.018	0.008	0.093	0.033
None	R4 Stream	2.51	1.83	0.662	0.232	0.125	*0.100*	0.662	0.232
50 %		1.25	0.913	0.331	0.116	*0.100*	*0.100*	0.331	0.116
75 %		0.627	0.457	0.165	*0.100*	*0.100*	*0.100*	0.165	0.058
90 %		0.251	0.183	*0.100*	*0.100*	*0.100*	*0.100*	0.066	0.023

* Maximum values coming from multiple applications are marked in italics

Table 8.9-232: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines IV -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	3.43	2.07	0.750	0.263	0.141	0.064	0.750	0.263
50 %		1.71	1.03	0.375	0.132	0.071	0.032	0.375	0.132
75 %		0.857	0.518	0.188	0.066	0.035	0.016	0.188	0.066
90 %		0.343	0.207	0.075	0.026	0.014	0.006	0.075	0.026
None	R1 Pond	*0.178*	*0.207*	*0.114*	*0.058*	*0.038*	*0.021*	*0.113*	*0.057*
50 %		*0.090*	*0.104*	*0.058*	*0.030*	*0.020*	*0.012*	*0.057*	*0.029*
75 %		*0.046*	*0.053*	*0.030*	*0.016*	*0.011*	*0.007*	*0.029*	*0.014*
90 %		*0.020*	*0.023*	*0.013*	*0.008*	*0.006*	*0.004*	*0.012*	*0.006*
None	R1 Stream	2.50	1.83	0.661	0.232	0.124	0.057	0.661	0.232
50 %		1.25	0.912	0.330	0.116	0.062	*0.045*	0.330	0.116
75 %		0.626	0.456	0.165	0.058	*0.045*	*0.045*	0.165	0.058
90 %		0.250	0.182	0.066	*0.045*	*0.045*	*0.045*	0.066	0.023
None	R2 Stream	3.37	2.45	0.889	0.312	0.167	0.076	0.889	0.312
50 %		1.68	1.23	0.444	0.156	0.084	0.038	0.444	0.156
75 %		0.842	0.613	0.222	0.078	0.042	0.019	0.222	0.078
90 %		0.337	0.245	0.089	0.031	0.017	0.008	0.089	0.031
None	R3 Stream	3.54	2.58	0.934	0.328	0.176	0.080	0.934	0.328
50 %		1.77	1.29	0.467	0.164	0.088	0.040	0.467	0.164
75 %		0.885	0.645	0.234	0.082	0.044	*0.028*	0.234	0.082
90 %		0.354	0.258	0.093	0.033	*0.028*	*0.028*	0.093	0.033
None	R4 Stream	2.51	1.83	0.663	0.232	0.125	0.057	0.663	0.232
50 %		1.25	0.915	0.331	0.116	0.062	0.028	0.331	0.116
75 %		0.628	0.458	0.166	0.058	0.031	*0.028*	0.166	0.058
90 %		0.251	0.183	0.066	*0.028*	*0.028*	*0.028*	0.066	0.023

* Maximum values coming from multiple applications are marked in italics

Table 8.9-233: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines IV -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	3.43	2.07	0.750	0.263	0.141	0.064	0.750	0.263
50 %		1.71	1.03	0.375	0.132	0.071	0.032	0.375	0.132
75 %		0.857	0.518	0.188	0.066	0.035	0.016	0.188	0.066
90 %		0.343	0.207	0.075	0.026	0.014	0.006	0.075	0.026
None	R1 Pond	*0.172*	*0.200*	*0.109*	*0.055*	*0.035*	*0.019*	*0.109*	*0.055*
50 %		*0.086*	*0.100*	*0.055*	*0.027*	*0.017*	*0.009*	*0.055*	*0.027*
75 %		*0.043*	*0.050*	*0.027*	*0.014*	*0.009*	*0.005*	*0.027*	*0.014*
90 %		*0.017*	*0.020*	*0.011*	*0.005*	*0.003*	*0.002*	*0.011*	*0.005*
None	R1 Stream	2.51	1.83	0.663	0.233	0.125	0.057	0.663	0.233
50 %		1.26	0.915	0.331	0.116	0.062	0.028	0.331	0.116
75 %		0.628	0.458	0.166	0.058	0.031	0.014	0.166	0.058
90 %		0.251	0.183	0.066	0.023	0.013	0.006	0.066	0.023
None	R2 Stream	3.37	2.45	0.889	0.312	0.167	0.076	0.889	0.312
50 %		1.68	1.23	0.444	0.156	0.084	0.038	0.444	0.156
75 %		0.842	0.613	0.222	0.078	0.042	0.019	0.222	0.078
90 %		0.337	0.245	0.089	0.031	0.017	0.008	0.089	0.031
None	R3 Stream	3.54	2.58	0.934	0.328	0.176	0.080	0.934	0.328
50 %		1.77	1.29	0.467	0.164	0.088	0.040	0.467	0.164
75 %		0.885	0.645	0.234	0.082	0.044	0.020	0.234	0.082
90 %		0.354	0.258	0.093	0.033	0.018	0.010	0.093	0.033
None	R4 Stream	2.51	1.83	0.663	0.232	0.125	*0.062*	0.663	0.232
50 %		1.25	0.915	0.331	0.116	0.062	*0.062*	0.331	0.116
75 %		0.628	0.458	0.166	*0.062*	*0.062*	*0.062*	0.166	0.058
90 %		0.251	0.183	0.066	*0.062*	*0.062*	*0.062*	0.066	0.023

* Maximum values coming from multiple applications are marked in italics

Vines V

Table 8.9-234: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to berries according to the Central EU zone GAP according to surface water Step 4 (modelling use vines V -- BBCH 40-69 -- 2×0.15 kg a.s./ha, 21d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	None	None	10 m	20 m
	No spray buffer (m)	0 m	5 m	10 m	20 m	30 m	50 m	10 m	20 m
None	D6 Ditch	2.56	1.55	0.560	0.197	0.106	0.048	0.560	0.197
50 %		1.28	0.774	0.280	0.098	0.053	0.024	0.280	0.098
75 %		0.640	0.387	0.140	0.049	0.026	0.012	0.140	0.049
90 %		0.256	0.155	0.056	0.020	0.011	0.005	0.056	0.020
None	R1 Pond	*0.124*	*0.144*	*0.079*	*0.040*	*0.025*	*0.014*	*0.079*	*0.039*
50 %		*0.062*	*0.072*	*0.040*	*0.020*	*0.013*	*0.007*	*0.039*	*0.020*
75 %		*0.031*	*0.036*	*0.020*	*0.010*	*0.007*	*0.004*	*0.020*	*0.010*
90 %		*0.013*	*0.015*	*0.008*	*0.004*	*0.003*	*0.002*	*0.008*	*0.004*
None	R1 Stream	1.88	1.37	0.496	0.174	0.093	0.042	0.496	0.174
50 %		0.940	0.685	0.248	0.087	0.047	0.032	0.248	0.087
75 %		0.470	0.342	0.124	0.044	0.032	0.032	0.124	0.044
90 %		0.188	0.137	0.050	0.032	0.032	0.032	0.050	0.017
None	R2 Stream	2.52	1.83	0.664	0.233	0.125	0.057	0.664	0.233
50 %		1.26	0.917	0.332	0.116	0.063	0.028	0.332	0.116
75 %		0.629	0.458	0.166	0.058	0.031	0.014	0.166	0.058
90 %		0.252	0.183	0.066	0.023	0.013	0.006	0.066	0.023
None	R3 Stream	2.66	1.94	0.701	0.246	0.132	0.060	0.701	0.246
50 %		1.33	0.967	0.350	0.123	0.066	0.030	0.350	0.123
75 %		0.664	0.484	0.175	0.061	0.033	0.015	0.175	0.061
90 %		0.266	0.193	0.070	0.025	0.013	0.006	0.070	0.025
None	R4 Stream	1.85	1.35	0.488	0.171	0.092	0.042	0.488	0.171
50 %		0.924	0.673	0.244	0.086	0.046	0.027	0.244	0.086
75 %		0.462	0.337	0.122	0.043	0.027	0.027	0.122	0.043
90 %		0.185	0.135	0.049	0.027	0.027	0.027	0.049	0.017

* Maximum values coming from multiple applications are marked in italics

Vines VI

Table 8.9-235: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to grapes according to the Central EU zone GAP according to surface water Step 4 (modelling use vines VI [ID: 138-140] -- early, BBCH 15 -- 2×0.05 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D6 Ditch	0.840	0.508	0.184	0.065	0.184	0.065		
50 %		0.420	0.254	0.092	0.032	0.092	0.032		
75 %		0.210	0.127	0.046	0.016	0.046	0.016		
90 %		0.084	0.051	0.018	0.007	0.018	0.007		
None	R1 Pond	*0.044*	*0.051*	*0.028*	*0.014*	*0.028*	*0.014*		
50 %		*0.022*	*0.026*	*0.014*	*0.007*	*0.014*	*0.007*		
75 %		*0.011*	*0.013*	*0.007*	*0.004*	*0.007*	*0.004*		
90 %		*0.004*	*0.005*	*0.003*	*0.001*	*0.003*	*0.001*		
None	R1 Stream	0.622	0.453	0.164	0.058	0.164	0.058		
50 %		0.311	0.227	0.082	0.029	0.082	0.029		
75 %		0.156	0.113	0.041	0.014	0.041	0.014		
90 %		0.062	0.045	0.016	*0.007*	0.016	0.006		
None	R2 Stream	0.827	0.602	0.218	0.077	0.218	0.077		
50 %		0.413	0.301	0.109	0.038	0.109	0.038		
75 %		0.207	0.151	0.055	0.019	0.055	0.019		
90 %		0.083	0.060	0.022	0.008	0.022	0.008		
None	R3 Stream	0.880	0.641	0.232	0.081	0.232	0.081		
50 %		0.440	0.321	0.116	0.041	0.116	0.041		
75 %		0.220	0.160	0.058	0.020	0.058	0.020		
90 %		0.088	0.064	0.023	0.008	0.023	0.008		
None	R4 Stream	0.627	0.457	0.165	0.058	0.165	0.058		
50 %		0.313	0.228	0.083	0.029	0.083	0.029		
75 %		0.157	0.114	0.041	*0.024*	0.041	0.015		
90 %		0.063	0.046	*0.024*	*0.024*	0.017	0.006		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-236: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to grapes according to the Central EU zone GAP according to surface water Step 4 (modelling use vines VI [ID: 138-140] -- middle, BBCH 65 -- 2×0.05 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D6 Ditch	0.856	0.518	0.188	0.066	0.188	0.066		
50 %		0.428	0.259	0.094	0.033	0.094	0.033		
75 %		0.214	0.129	0.047	0.017	0.047	0.017		
90 %		0.086	0.052	0.019	0.007	0.019	0.007		
None	R1 Pond	*0.045*	*0.052*	*0.028*	*0.015*	*0.028*	*0.014*		
50 %		*0.023*	*0.026*	*0.015*	*0.008*	*0.014*	*0.007*		
75 %		*0.011*	*0.013*	*0.008*	*0.004*	*0.007*	*0.004*		
90 %		*0.005*	*0.006*	*0.003*	*0.002*	*0.003*	*0.002*		
None	R1 Stream	0.626	0.456	0.165	0.058	0.165	0.058		
50 %		0.313	0.228	0.083	0.029	0.083	0.029		
75 %		0.157	0.114	0.041	0.015	0.041	0.015		
90 %		0.063	0.046	0.017	*0.011*	0.017	0.006		
None	R2 Stream	0.842	0.613	0.222	0.078	0.222	0.078		
50 %		0.421	0.307	0.111	0.039	0.111	0.039		
75 %		0.210	0.153	0.056	0.020	0.056	0.020		
90 %		0.084	0.061	0.022	0.008	0.022	0.008		
None	R3 Stream	0.885	0.645	0.234	0.082	0.234	0.082		
50 %		0.443	0.323	0.117	0.041	0.117	0.041		
75 %		0.221	0.161	0.058	0.021	0.058	0.021		
90 %		0.089	0.065	0.023	0.008	0.023	0.008		
None	R4 Stream	0.628	0.458	0.166	0.058	0.166	0.058		
50 %		0.314	0.229	0.083	0.029	0.083	0.029		
75 %		0.157	0.114	0.041	0.015	0.041	0.015		
90 %		0.063	0.046	0.017	*0.007*	0.017	0.006		

* Maximum values coming from multiple applications are marked in italics

Table 8.9-237: PECsw values for trifloxystrobin, following single/multiple applications(s) of FLU+TFS SC 500 to grapes according to the Central EU zone GAP according to surface water Step 4 (modelling use vines VI [ID: 138-140] -- late, BBCH 85 -- 2×0.05 kg a.s./ha, 14d int.)

PECsw (µg/L)	**Scenario**	**Step 4 trifloxystrobin**							
Nozzle reduction	Vegetated strip (m)	None	None	None	None	10 m	20 m		
	No spray buffer (m)	0 m	5 m	10 m	20 m	10 m	20 m		
None	D6 Ditch	0.856	0.518	0.188	0.066	0.188	0.066		
50 %		0.428	0.259	0.094	0.033	0.094	0.033		
75 %		0.214	0.129	0.047	0.017	0.047	0.017		
90 %		0.086	0.052	0.019	0.007	0.019	0.007		
None	R1 Pond	*0.039*	*0.046*	*0.025*	*0.012*	*0.025*	*0.012*		
50 %		*0.020*	*0.023*	*0.012*	*0.006*	*0.012*	*0.006*		
75 %		*0.010*	*0.011*	*0.006*	*0.003*	*0.006*	*0.003*		
90 %		*0.004*	*0.005*	*0.003*	*0.001*	*0.003*	*0.001*		
None	R1 Stream	0.628	0.458	0.166	0.058	0.166	0.058		
50 %		0.314	0.229	0.083	0.029	0.083	0.029		
75 %		0.157	0.114	0.041	0.015	0.041	0.015		
90 %		0.063	0.046	0.017	0.006	0.017	0.006		
None	R2 Stream	0.842	0.613	0.222	0.078	0.222	0.078		
50 %		0.421	0.307	0.111	0.039	0.111	0.039		
75 %		0.210	0.153	0.056	0.020	0.056	0.020		
90 %		0.084	0.061	0.022	0.008	0.022	0.008		
None	R3 Stream	0.885	0.645	0.234	0.082	0.234	0.082		
50 %		0.443	0.323	0.117	0.041	0.117	0.041		
75 %		0.221	0.161	0.058	0.021	0.058	0.021		
90 %		0.089	0.065	0.023	0.012	0.023	0.008		
None	R4 Stream	0.628	0.458	0.166	0.058	0.166	0.058		
50 %		0.314	0.229	0.083	0.029	0.083	0.029		
75 %		0.157	0.114	0.041	0.015	0.041	0.015		
90 %		0.063	0.046	0.017	*0.012*	0.017	0.006		

* Maximum values coming from multiple applications are marked in italics

Trifloxystrobin metabolites: Step 1-2

Field beans I – IV

8.9.2.3 Metabolite CGA 321113

Table 8.9-238: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Mar. - May(Spring)	9.28 *	-	9.04	10.7 *
Southern Europe	Mar. - May(Spring)	17.0 *	-	16.6	19.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-239: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	9.28 *	-	9.04	10.7 *
Southern Europe	Oct. - Feb.(Autumn)	7.74 *	-	7.53	8.90 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-240: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Mar. - May(Spring)	16.7	-	16.3	19.2
Southern Europe	Mar. - May(Spring)	30.6	-	30.0	35.4

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-241: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.36	-	8.09	9.55
Southern Europe	Jun. - Sep.(Summer)	11.1	-	10.8	12.8

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-242: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Mar. - May(Spring)	14.2	-	13.9	16.4

Southern Europe	Mar. - May(Spring)	25.7	-	25.1	29.6

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-243: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	17.1	-	16.7	19.7
Southern Europe	Oct. - Feb.(Autumn)	14.2	-	13.9	16.4

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-244: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.64	-	8.36	9.88
Southern Europe	Jun. - Sep.(Summer)	11.6	-	11.2	13.3

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-245: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	17.4	-	17.0	20.0
Southern Europe	Oct. - Feb.(Autumn)	14.5	-	14.1	16.6

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.4 Metabolite CGA 373466

Table 8.9-246: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Mar. - May(Spring)	4.04 *	-	3.99	3.04 *
Southern Europe	Mar. - May(Spring)	7.35 *	-	7.27	5.54 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-247: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	4.04 *	-	3.99	3.04 *
Southern Europe	Oct. - Feb.(Autumn)	3.38 *	-	3.33	2.54 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-248: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Mar. - May(Spring)	6.71	-	6.63	5.05
Southern Europe	Mar. - May(Spring)	12.1	-	12.0	9.15

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-249: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Jun. - Sep.(Summer)	3.46	-	3.39	2.59
Southern Europe	Jun. - Sep.(Summer)	4.54	-	4.47	3.41

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-250: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Mar. - May(Spring)	5.86	-	5.78	4.40
Southern Europe	Mar. - May(Spring)	10.4	-	10.3	7.86

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-251: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	7.00	-	6.91	5.27
Southern Europe	Oct. - Feb.(Autumn)	5.86	-	5.78	4.40

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-252: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Jun. - Sep.(Summer)	3.67	-	3.60	2.75

Southern Europe	Jun. - Sep.(Summer)	4.86	-	4.79	3.65

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-253: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	7.24	-	7.15	5.45
Southern Europe	Oct. - Feb.(Autumn)	6.05	-	5.97	4.55

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.5 Metabolite NOA 413161

Table 8.9-254: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Mar. - May(Spring)	1.30 *	-	1.29	0.043 *
Southern Europe	Mar. - May(Spring)	2.61 *	-	2.59	0.086 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-255: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.30 *	-	1.29	0.043 *
Southern Europe	Oct. - Feb.(Autumn)	1.04 *	-	1.03	0.034 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-256: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	2.30	-	2.28	0.076
Southern Europe	Mar. - May(Spring)	4.60	-	4.56	0.152

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-257: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.919	-	0.913	0.030

Southern Europe	Jun. - Sep.(Summer)	1.38	-	1.37	0.046

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-258: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	1.90	-	1.89	0.063
Southern Europe	Mar. - May(Spring)	3.80	-	3.78	0.126

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-259: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	2.38	-	2.36	0.079
Southern Europe	Oct. - Feb.(Autumn)	1.90	-	1.89	0.063

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-260: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.977	-	0.970	0.032
Southern Europe	Jun. - Sep.(Summer)	1.47	-	1.45	0.048

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-261: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	2.44	-	2.42	0.081
Southern Europe	Oct. - Feb.(Autumn)	1.95	-	1.94	0.065

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.6 Metabolite NOA 413163

Table 8.9-262: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					

Northern Europe	Mar. - May(Spring)	0.579 *	-	0.574	0.035 *
Southern Europe	Mar. - May(Spring)	1.16 *	-	1.15	0.069 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-263: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.579 *	-	0.574	0.035 *
Southern Europe	Oct. - Feb.(Autumn)	0.463 *	-	0.460	0.028 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-264: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	1.04	-	1.03	0.062
Southern Europe	Mar. - May(Spring)	2.07	-	2.06	0.125

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-265: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.415	-	0.412	0.025
Southern Europe	Jun. - Sep.(Summer)	0.622	-	0.618	0.037

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-266: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	0.855	-	0.849	0.051
Southern Europe	Mar. - May(Spring)	1.71	-	1.70	0.103

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-267: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.07	-	1.06	0.064

Southern Europe	Oct. - Feb.(Autumn)	0.855	-	0.849	0.051

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-268: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.438	-	0.434	0.026
Southern Europe	Jun. - Sep.(Summer)	0.656	-	0.652	0.039

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-269: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.09	-	1.09	0.066
Southern Europe	Oct. - Feb.(Autumn)	0.875	-	0.869	0.053

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.7 Metabolite CGA 107170

Table 8.9-270: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.452 *	-	0.448	<0.001 *
Southern Europe	Mar. - May(Spring)	0.463 *	-	0.460	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-271: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.452 *	-	0.448	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.449 *	-	0.446	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-272: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.786	-	0.780	<0.001 *
Southern Europe	Mar. - May(Spring)	0.797	-	0.791	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-273: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.779	-	0.773	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.781	-	0.775	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-274: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.784	-	0.779	<0.001 *
Southern Europe	Mar. - May(Spring)	0.794	-	0.788	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-275: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.787	-	0.781	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.784	-	0.779	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-276: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.780	-	0.775	<0.001 *

Southern Europe	Jun. - Sep.(Summer)	0.783	-	0.777	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-277: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.787	-	0.782	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.785	-	0.779	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.8 Metabolite CGA 357262

Table 8.9-278: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *
Southern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-279: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.186 *	-	0.184	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-280: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.327	-	0.324	<0.001 *
Southern Europe	Mar. - May(Spring)	0.327	-	0.324	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-281: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.327	-	0.324	<0.001 *

Southern Europe	Jun. - Sep.(Summer)	0.327	-	0.324	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-282: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.327	-	0.325	<0.001 *
Southern Europe	Mar. - May(Spring)	0.327	-	0.325	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-283: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.327	-	0.325	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.327	-	0.325	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-284: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.328	-	0.325	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.328	-	0.325	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-285: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.328	-	0.325	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.328	-	0.325	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.9 Metabolite NOA 409480

Table 8.9-286: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					

Northern Europe	Mar. - May(Spring)	0.164 *	-	0.163	3.86 *
Southern Europe	Mar. - May(Spring)	0.329 *	-	0.326	7.72 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-287: FOCUS Step 1, 2 PEC$_{sw}$ and PEC$_{sed}$ for NOA 409480 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.164 *	-	0.163	3.86 *
Southern Europe	Oct. - Feb.(Autumn)	0.132 *	-	0.131	3.09 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-288: FOCUS Step 1, 2 PEC$_{sw}$ and PEC$_{sed}$ for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.295	-	0.293	6.93
Southern Europe	Mar. - May(Spring)	0.591	-	0.586	13.9

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-289: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.118	-	0.117	2.77
Southern Europe	Jun. - Sep.(Summer)	0.177	-	0.176	4.16

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-290: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.243	-	0.242	5.71
Southern Europe	Mar. - May(Spring)	0.487	-	0.483	11.4

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-291: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.304	-	0.302	7.14

Southern Europe	Oct. - Feb.(Autumn)	0.243	-	0.242	5.71

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-292: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.124	-	0.124	2.92
Southern Europe	Jun. - Sep.(Summer)	0.187	-	0.185	4.38

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-293: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.311	-	0.309	7.30
Southern Europe	Oct. - Feb.(Autumn)	0.249	-	0.247	5.84

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.10 Metabolite CGA 357261

Table 8.9-294: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *
Southern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-295: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.947 *	-	0.599	2.78 *
Southern Europe	Oct. - Feb.(Autumn)	0.947 *	-	0.599	2.78 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-296: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Mar. - May(Spring)	1.42	-	1.05	4.88
Southern Europe	Mar. - May(Spring)	1.42	-	1.05	4.88

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-297: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.42	-	1.05	4.88
Southern Europe	Jun. - Sep.(Summer)	1.42	-	1.05	4.88

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-298: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Mar. - May(Spring)	1.42	-	1.05	4.89
Southern Europe	Mar. - May(Spring)	1.42	-	1.05	4.89

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-299: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.42	-	1.05	4.89
Southern Europe	Oct. - Feb.(Autumn)	1.42	-	1.05	4.89

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-300: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.42	-	1.05	4.90

Southern Europe	Jun. - Sep.(Summer)	1.42	-	1.05	4.90

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-301: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.42	-	1.05	4.90
Southern Europe	Oct. - Feb.(Autumn)	1.42	-	1.05	4.90

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.11 Metabolite CGA 357276

Table 8.9-302: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.049	3.88 *
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.078	6.75 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-303: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.049	3.88 *
Southern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.043	3.31 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-304: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.083	7.01
Southern Europe	Mar. - May(Spring)	0.162	-	0.151	12.2

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-305: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.051	3.88

Southern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.062	4.92

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-306: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.073	6.07
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.117	10.3

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-307: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.084	7.14
Southern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.073	6.07

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-308: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.052	3.98
Southern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.063	5.06

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-309: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.085	7.24
Southern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.074	6.15

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.12 Metabolite CGA 381318

Table 8.9-310: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans I early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					

Northern Europe	Mar. - May(Spring)	0.471 *	-	0.468	0.360 *
Southern Europe	Mar. - May(Spring)	0.942 *	-	0.935	0.721 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-311: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans I late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.471 *	-	0.468	0.360 *
Southern Europe	Oct. - Feb.(Autumn)	0.377 *	-	0.374	0.288 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-312: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II early -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.757	-	0.751	0.579
Southern Europe	Mar. - May(Spring)	1.51	-	1.50	1.16

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-313: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II late -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.303	-	0.300	0.232
Southern Europe	Jun. - Sep.(Summer)	0.454	-	0.451	0.347

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-314: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III early -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.640	-	0.636	0.490
Southern Europe	Mar. - May(Spring)	1.28	-	1.27	0.980

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-315: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III late -- 2×200g a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.800	-	0.795	0.612

Southern Europe	Oct. - Feb.(Autumn)	0.640	-	0.636	0.490

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-316: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.335	-	0.333	0.256
Southern Europe	Jun. - Sep.(Summer)	0.503	-	0.499	0.385

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-317: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.838	-	0.832	0.641
Southern Europe	Oct. - Feb.(Autumn)	0.670	-	0.665	0.513

* Single applications are marked.

** TWA interval as required by ecotox

Legumes and Sugar beets

8.9.2.13 Metabolite CGA 321113

Table 8.9-318: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Mar. - May(Spring)	8.64	-	8.36	9.88
Southern Europe	Mar. - May(Spring)	14.5	-	14.1	16.6

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-319: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Mar. - May(Spring)	8.36	-	8.09	9.55
Southern Europe	Mar. - May(Spring)	13.9	-	13.6	16.0

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-320: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	139	-	136	161
Step 2					

Northern Europe	Jun. - Sep.(Summer)	5.23	-	5.05	5.97
Southern Europe	Jun. - Sep.(Summer)	6.97	-	6.76	7.99

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-321: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	139	-	136	161
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	9.00	-	8.76	10.3
Southern Europe	Oct. - Feb.(Autumn)	7.55	-	7.33	8.66

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-322: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Mar. - May(Spring)	9.79 *	-	9.54	11.3 *
Southern Europe	Mar. - May(Spring)	18.0 *	-	17.6	20.8 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-323: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	8.00 *	-	7.78	9.20 *
Southern Europe	Oct. - Feb.(Autumn)	6.72 *	-	6.53	7.71 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.14 Metabolite CGA 373466

Table 8.9-324: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Mar. - May(Spring)	3.67	-	3.60	2.75
Southern Europe	Mar. - May(Spring)	6.05	-	5.97	4.55

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-325: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Mar. - May(Spring)	3.46	-	3.39	2.59
Southern	Mar. -	5.63	-	5.55	4.23

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-326: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	64.3	-	63.7	48.6
Step 2					
Northern Europe	Jun. - Sep.(Summer)	2.16	-	2.12	1.62
Southern Europe	Jun. - Sep.(Summer)	2.84	-	2.80	2.13

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-327: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	64.3	-	63.7	48.6
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	3.63	-	3.58	2.73
Southern Europe	Oct. - Feb.(Autumn)	3.07	-	3.02	2.30

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-328: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8

Step 2					
Northern Europe	Mar. - May(Spring)	4.26 *	-	4.21	3.21 *
Southern Europe	Mar. - May(Spring)	7.79 *	-	7.71	5.87 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-329: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	3.49 *	-	3.44	2.62 *
Southern Europe	Oct. - Feb.(Autumn)	2.94 *	-	2.89	2.20 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.15 Metabolite NOA 413161

Table 8.9-330: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	0.977	-	0.970	0.032
Southern Europe	Mar. - May(Spring)	1.95	-	1.94	0.065

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-331: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	0.919	-	0.913	0.030
Southern Europe	Mar. - May(Spring)	1.84	-	1.83	0.061

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-332: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	11.7	-	11.6	0.387
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.575	-	0.570	0.019
Southern Europe	Jun. - Sep.(Summer)	0.862	-	0.856	0.028

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-333: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	11.7	-	11.6	0.387
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.20	-	1.19	0.040
Southern	Oct. -	0.958	-	0.951	0.032

Europe	Feb.(Autumn)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-334: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Mar. - May(Spring)	1.39 *	-	1.38	0.046 *
Southern Europe	Mar. - May(Spring)	2.78 *	-	2.76	0.092 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-335: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.09 *	-	1.08	0.036 *
Southern Europe	Oct. - Feb.(Autumn)	0.869 *	-	0.862	0.029 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.16 Metabolite NOA 413163

Table 8.9-336: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	0.438	-	0.434	0.026
Southern Europe	Mar. - May(Spring)	0.875	-	0.869	0.053

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-337: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	0.415	-	0.412	0.025
Southern	Mar. -	0.830	-	0.824	0.050

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-338: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.15	-	5.12	0.309
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.259	-	0.257	0.016
Southern Europe	Jun. - Sep.(Summer)	0.389	-	0.386	0.023

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-339: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.15	-	5.12	0.309
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.540	-	0.536	0.032
Southern Europe	Oct. - Feb.(Autumn)	0.432	-	0.429	0.026

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-340: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247

Step 2					
Northern Europe	Mar. - May(Spring)	0.617 *	-	0.613	0.037 *
Southern Europe	Mar. - May(Spring)	1.23 *	-	1.23	0.074 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-341: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.482 *	-	0.479	0.029 *
Southern Europe	Oct. - Feb.(Autumn)	0.386 *	-	0.383	0.023 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.17 Metabolite CGA 107170

Table 8.9-342: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.780	-	0.775	<0.001 *
Southern Europe	Mar. - May(Spring)	0.785	-	0.779	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-343: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.779	-	0.773	<0.001 *
Southern Europe	Mar. - May(Spring)	0.783	-	0.778	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-344: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	20.5	-	20.4	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.487	-	0.483	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.488	-	0.485	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-345: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	20.5	-	20.4	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.490	-	0.486	<0.001 *
Southern	Oct. -	0.489	-	0.485	<0.001 *

Europe	Feb.(Autumn)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-346: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.452 *	-	0.449	<0.001 *
Southern Europe	Mar. - May(Spring)	0.465 *	-	0.461	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-347: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.450 *	-	0.446	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.448 *	-	0.445	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.18 Metabolite CGA 357262

Table 8.9-348: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.328	-	0.325	<0.001 *
Southern Europe	Mar. - May(Spring)	0.328	-	0.325	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-349: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.327	-	0.324	<0.001 *
Southern	Mar. -	0.327	-	0.324	<0.001 *

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-350: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.232	-	0.231	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.204	-	0.203	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.204	-	0.203	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-351: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.232	-	0.231	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.204	-	0.203	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.204	-	0.203	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-352: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001

Step 2					
Northern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *
Southern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-353: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.186 *	-	0.184	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.19 Metabolite NOA 409480

Table 8.9-354: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.124	-	0.124	2.92
Southern Europe	Mar. - May(Spring)	0.249	-	0.247	5.84

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-355: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.118	-	0.117	2.77
Southern Europe	Mar. - May(Spring)	0.236	-	0.235	5.55

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-356: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.46	-	1.45	34.3
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.074	-	0.073	1.73
Southern Europe	Jun. - Sep.(Summer)	0.111	-	0.110	2.60

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-357: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.46	-	1.45	34.3
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.154	-	0.153	3.61
Southern	Oct. -	0.123	-	0.122	2.89

Europe	Feb.(Autumn)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-358: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Mar. - May(Spring)	0.175 *	-	0.174	4.12 *
Southern Europe	Mar. - May(Spring)	0.351 *	-	0.348	8.23 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-359: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.137 *	-	0.136	3.22 *
Southern Europe	Oct. - Feb.(Autumn)	0.110 *	-	0.109	2.57 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.20 Metabolite CGA 357261

Table 8.9-360: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Mar. - May(Spring)	1.42	-	1.05	4.90
Southern Europe	Mar. - May(Spring)	1.42	-	1.05	4.90

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-361: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Mar. - May(Spring)	1.42	-	1.05	4.88
Southern	Mar. -	1.42	-	1.05	4.88

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-362: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.03	-	8.52	41.5
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.885	-	0.654	3.05
Southern Europe	Jun. - Sep.(Summer)	0.885	-	0.654	3.05

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-363: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.03	-	8.52	41.5
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.885	-	0.654	3.05
Southern Europe	Oct. - Feb.(Autumn)	0.885	-	0.654	3.05

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-364: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2

Step 2					
Northern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *
Southern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-365: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.947 *	-	0.599	2.78 *
Southern Europe	Oct. - Feb.(Autumn)	0.947 *	-	0.599	2.78 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.21 Metabolite CGA 357276

Table 8.9-366: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.052	3.98
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.074	6.15

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-367: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.051	3.88
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.072	5.96

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-368: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.07	-	0.897	72.5
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.093 *	-	0.032	2.42
Southern Europe	Jun. - Sep.(Summer)	0.093 *	-	0.038	3.08

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-369: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.07	-	0.897	72.5
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.093 *	-	0.046	3.84
Southern	Oct. -	0.093 *	-	0.041	3.29

Europe	Feb.(Autumn)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-370: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.051	4.07 *
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.082	7.13 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-371: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.044	3.41 *
Southern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.039	2.93 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.22 Metabolite CGA 381318

Table 8.9-372: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes I -- BBCH 59 - 89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.335	-	0.333	0.256
Southern Europe	Mar. - May(Spring)	0.670	-	0.665	0.513

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-373: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes II -- BBCH 59 - 79, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.303	-	0.300	0.232
Southern	Mar. -	0.605	-	0.601	0.463

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-374: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets I (June - November) -- BBCH 39, summer -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.53	-	4.49	3.46
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.189	-	0.188	0.145
Southern Europe	Jun. - Sep.(Summer)	0.284	-	0.282	0.217

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-375: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets I (June - November) -- BBCH 40, autumn -- 2×125g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.53	-	4.49	3.46
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.394	-	0.391	0.301
Southern Europe	Oct. - Feb.(Autumn)	0.315	-	0.313	0.241

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-376: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets II -- BBCH 13 - 49, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77

Step 2					
Northern Europe	Mar. - May(Spring)	0.502 *	-	0.499	0.384 *
Southern Europe	Mar. - May(Spring)	1.00 *	-	0.998	0.769 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-377: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets II -- BBCH 13 - 49, autumn -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.393 *	-	0.390	0.300 *
Southern Europe	Oct. - Feb.(Autumn)	0.314 *	-	0.312	0.240 *

* Single applications are marked.
** TWA interval as required by ecotox

Flower bulbs

8.9.2.23 Metabolite CGA 321113

Table 8.9-378: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Mar. - May(Spring)	10.8 *	-	10.5	12.5 *
Southern Europe	Mar. - May(Spring)	20.0 *	-	19.6	23.2 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-379: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Jun. - Sep.(Summer)	7.74 *	-	7.53	8.90 *
Southern Europe	Jun. - Sep.(Summer)	10.8 *	-	10.5	12.5 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-380: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	24.6 *	-	24.1	28.5 *
Southern Europe	Oct. - Feb.(Autumn)	20.0 *	-	19.6	23.2 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-381: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	209	-	205	242
Step 2					
Northern Europe	Mar. - May(Spring)	16.1	-	15.7	18.6
Southern Europe	Mar. - May(Spring)	30.3	-	29.7	35.1

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-382: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	209	-	205	242
Step 2					
Northern Europe	Jun. - Sep.(Summer)	11.4	-	11.1	13.1
Southern Europe	Jun. - Sep.(Summer)	16.1	-	15.7	18.6

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-383: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	209	-	205	242
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	37.4	-	36.7	43.3
Southern Europe	Oct. - Feb.(Autumn)	30.3	-	29.7	35.1

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.24 Metabolite CGA 373466

Table 8.9-384: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Mar. - May(Spring)	4.70 *	-	4.64	3.54 *
Southern Europe	Mar. - May(Spring)	8.67 *	-	8.58	6.54 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-385: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Jun. - Sep.(Summer)	3.38 *	-	3.33	2.54 *

Southern Europe	Jun. - Sep.(Summer)	4.70 *	-	4.64	3.54 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-386: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	10.7 *	-	10.6	8.04 *
Southern Europe	Oct. - Feb.(Autumn)	8.67 *	-	8.58	6.54 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-387: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	96.4	-	95.6	72.8
Step 2					
Northern Europe	Mar. - May(Spring)	5.89	-	5.83	4.44
Southern Europe	Mar. - May(Spring)	10.9	-	10.8	8.23

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-388: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	96.4	-	95.6	72.8
Step 2					
Northern Europe	Jun. - Sep.(Summer)	4.22	-	4.17	3.18
Southern Europe	Jun. - Sep.(Summer)	5.89	-	5.83	4.44

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-389: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	96.4	-	95.6	72.8
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	13.4	-	13.3	10.1
Southern Europe	Oct. - Feb.(Autumn)	10.9	-	10.8	8.23

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.25 Metabolite NOA 413161

Table 8.9-390: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern	Mar. -	1.56 *	-	1.55	0.052 *

Europe	May(Spring)				
Southern Europe	Mar. - May(Spring)	3.13 *	-	3.10	0.103 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-391: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.04 *	-	1.03	0.034 *
Southern Europe	Jun. - Sep.(Summer)	1.56 *	-	1.55	0.052 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-392: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	3.91 *	-	3.88	0.129 *
Southern Europe	Oct. - Feb.(Autumn)	3.13 *	-	3.10	0.103 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-393: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	17.6	-	17.5	0.580
Step 2					
Northern Europe	Mar. - May(Spring)	2.28	-	2.26	0.075
Southern Europe	Mar. - May(Spring)	4.56	-	4.53	0.151

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-394: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	17.6	-	17.5	0.580
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.52	-	1.51	0.050
Southern Europe	Jun. - Sep.(Summer)	2.28	-	2.26	0.075

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-395: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	17.6	-	17.5	0.580
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	5.70	-	5.66	0.188

Southern Europe	Oct. - Feb.(Autumn)	4.56	-	4.53	0.151

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.26 Metabolite NOA 413163

Table 8.9-396: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Mar. - May(Spring)	0.694 *	-	0.689	0.042 *
Southern Europe	Mar. - May(Spring)	1.39 *	-	1.38	0.083 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-397: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.463 *	-	0.460	0.028 *
Southern Europe	Jun. - Sep.(Summer)	0.694 *	-	0.689	0.042 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-398: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.74 *	-	1.72	0.104 *
Southern Europe	Oct. - Feb.(Autumn)	1.39 *	-	1.38	0.083 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-399: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.73	-	7.67	0.464
Step 2					
Northern Europe	Mar. - May(Spring)	1.05	-	1.04	0.063
Southern Europe	Mar. - May(Spring)	2.09	-	2.08	0.126

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-400: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.73	-	7.67	0.464
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.697	-	0.692	0.042
Southern	Jun. -	1.05	-	1.04	0.063

Europe	Sep.(Summer)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-401: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.73	-	7.67	0.464
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	2.61	-	2.60	0.157
Southern Europe	Oct. - Feb.(Autumn)	2.09	-	2.08	0.126

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.27 Metabolite CGA 107170

Table 8.9-402: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.454 *	-	0.451	<0.001 *
Southern Europe	Mar. - May(Spring)	0.468 *	-	0.464	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-403: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.449 *	-	0.446	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.454 *	-	0.451	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-404: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.475 *	-	0.471	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.468 *	-	0.464	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-405: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	30.8	-	30.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.537	-	0.533	<0.001 *
Southern Europe	Mar. - May(Spring)	0.542	-	0.538	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-406: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	30.8	-	30.6	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.535	-	0.531	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.537	-	0.533	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-407: FOCUS Step 1, 2 PEC$_{sw}$ and PEC$_{sed}$ for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 1	-	30.8	-	30.6	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.544	-	0.540	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.542	-	0.538	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.28 Metabolite CGA 357262

Table 8.9-408: FOCUS Step 1, 2 PEC$_{sw}$ and PEC$_{sed}$ for CGA 357262 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *
Southern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-409: FOCUS Step 1, 2 PEC$_{sw}$ and PEC$_{sed}$ for CGA 357262 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.186 *	-	0.184	<0.001 *

Southern Europe	Jun. - Sep.(Summer)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-410: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.186 *	-	0.184	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-411: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.348	-	0.346	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.224	-	0.223	<0.001 *
Southern Europe	Mar. - May(Spring)	0.224	-	0.223	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-412: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.348	-	0.346	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.224	-	0.223	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.224	-	0.223	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-413: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.348	-	0.346	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.224	-	0.223	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.224	-	0.223	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.29 Metabolite NOA 409480

Table 8.9-414: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern	Mar. -	0.197 *	-	0.196	4.63 *

Europe	May(Spring)				
Southern Europe	Mar. - May(Spring)	0.395 *	-	0.392	9.26 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-415: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.132 *	-	0.131	3.09 *
Southern Europe	Jun. - Sep.(Summer)	0.197 *	-	0.196	4.63 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-416: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.493 *	-	0.490	11.6 *
Southern Europe	Oct. - Feb.(Autumn)	0.395 *	-	0.392	9.26 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-417: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.19	-	2.18	51.5
Step 2					
Northern Europe	Mar. - May(Spring)	0.298	-	0.296	7.00
Southern Europe	Mar. - May(Spring)	0.597	-	0.592	14.0

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-418: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.19	-	2.18	51.5
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.199	-	0.197	4.67
Southern Europe	Jun. - Sep.(Summer)	0.298	-	0.296	7.00

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-419: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.19	-	2.18	51.5
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.746	-	0.740	17.5

Southern Europe	Oct. - Feb.(Autumn)	0.597	-	0.592	14.0

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.30 Metabolite CGA 357261

Table 8.9-420: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *
Southern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-421: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.947 *	-	0.599	2.78 *
Southern Europe	Jun. - Sep.(Summer)	0.947 *	-	0.599	2.78 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-422: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.947 *	-	0.599	2.78 *
Southern Europe	Oct. - Feb.(Autumn)	0.947 *	-	0.599	2.78 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-423: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.6	-	12.8	62.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.869	-	0.715	3.35
Southern Europe	Mar. - May(Spring)	0.869	-	0.715	3.35

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-424: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.6	-	12.8	62.2
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.869	-	0.715	3.35
Southern	Jun. -	0.869	-	0.715	3.35

Europe	Sep.(Summer)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-425: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.6	-	12.8	62.2
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.869	-	0.715	3.35
Southern Europe	Oct. - Feb.(Autumn)	0.869	-	0.715	3.35

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.31 Metabolite CGA 357276

Table 8.9-426: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.055	4.46 *
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.090	7.89 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-427: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.043	3.31 *
Southern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.055	4.46 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-428: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.108	9.61 *
Southern Europe	Oct. - Feb.(Autumn)	0.149 *	-	0.090	7.89 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-429: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.60	-	1.34	109
Step 2					
Northern Europe	Mar. - May(Spring)	0.089	-	0.081	6.58
Southern Europe	Mar. - May(Spring)	0.155	-	0.147	11.9

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-430: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.60	-	1.34	109
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.066	-	0.059	4.79
Southern Europe	Jun. - Sep.(Summer)	0.089	-	0.081	6.58

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-431: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.60	-	1.34	109
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.188	-	0.180	14.6
Southern Europe	Oct. - Feb.(Autumn)	0.155	-	0.147	11.9

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.32 Metabolite CGA 381318

Table 8.9-432: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (Spr) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Mar. - May(Spring)	0.565 *	-	0.561	0.432 *
Southern Europe	Mar. - May(Spring)	1.13 *	-	1.12	0.865 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-433: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (Sum) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.377 *	-	0.374	0.288 *

Southern Europe	Jun. - Sep.(Summer)	0.565 *	-	0.561	0.432 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-434: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (Aut) -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.41 *	-	1.40	1.08 *
Southern Europe	Oct. - Feb.(Autumn)	1.13 *	-	1.12	0.865 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-435: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Spr) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.79	-	6.74	5.20
Step 2					
Northern Europe	Mar. - May(Spring)	0.684	-	0.679	0.523
Southern Europe	Mar. - May(Spring)	1.37	-	1.36	1.05

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-436: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Sum) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.79	-	6.74	5.20
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.456	-	0.452	0.349
Southern Europe	Jun. - Sep.(Summer)	0.684	-	0.679	0.523

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-437: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT05 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (Aut) -- 5×75g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.79	-	6.74	5.20
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.71	-	1.70	1.31
Southern Europe	Oct. - Feb.(Autumn)	1.37	-	1.36	1.05

* Single applications are marked.

** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

8.9.2.33 Metabolite CGA 321113

Table 8.9-438: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	257	-	247	292
Step 2					
Northern Europe	Mar. - May(Spring)	45.0	-	42.9	50.6
Southern Europe	Mar. - May(Spring)	60.5	-	58.1	68.7

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-439: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	240	-	233	275
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	31.0	-	29.8	35.2
Southern Europe	Oct. - Feb.(Autumn)	27.6	-	26.5	31.3

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-440: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	257	-	247	292
Step 2					
Northern Europe	Mar. - May(Spring)	45.0	-	42.9	50.6
Southern Europe	Mar. - May(Spring)	60.5	-	58.1	68.7

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-441: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	240	-	233	275
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	31.0	-	29.8	35.2
Southern Europe	Oct. - Feb.(Autumn)	27.6	-	26.5	31.3

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-442: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Mar. - May(Spring)	17.4	-	17.0	20.0

Southern Europe	Mar. - May(Spring)	32.0	-	31.3	37.0

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-443: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Jun. - Sep.(Summer)	8.64	-	8.36	9.88
Southern Europe	Jun. - Sep.(Summer)	11.6	-	11.2	13.3

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-444: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Mar. - May(Spring)	9.28 *	-	9.04	10.7 *
Southern Europe	Mar. - May(Spring)	17.0 *	-	16.6	19.6 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-445: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Jun. - Sep.(Summer)	4.67 *	-	4.52	5.33 *
Southern Europe	Jun. - Sep.(Summer)	6.21 *	-	6.02	7.12 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.34 Metabolite CGA 373466

Table 8.9-446: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	118	-	116	88.0
Step 2					
Northern Europe	Mar. - May(Spring)	19.9	-	19.3	14.7
Southern Europe	Mar. - May(Spring)	26.2	-	25.6	19.5

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-447: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	110	-	109	82.8
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	13.4	-	13.1	9.96
Southern Europe	Oct. - Feb.(Autumn)	12.0	-	11.7	8.91

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-448: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	118	-	116	88.0
Step 2					
Northern Europe	Mar. - May(Spring)	19.9	-	19.3	14.7
Southern Europe	Mar. - May(Spring)	26.2	-	25.6	19.5

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-449: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	110	-	109	82.8
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	13.4	-	13.1	9.96
Southern Europe	Oct. - Feb.(Autumn)	12.0	-	11.7	8.91

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-450: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Mar. - May(Spring)	7.24	-	7.15	5.45
Southern Europe	Mar. - May(Spring)	13.2	-	13.1	9.94

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-451: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Jun. - Sep.(Summer)	3.67	-	3.60	2.75
Southern Europe	Jun. - Sep.(Summer)	4.86	-	4.79	3.65

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-452: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Mar. - May(Spring)	4.04 *	-	3.99	3.04 *

Southern Europe	Mar. - May(Spring)	7.35 *	-	7.27	5.54 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-453: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Jun. - Sep.(Summer)	2.05 *	-	2.02	1.54 *
Southern Europe	Jun. - Sep.(Summer)	2.72 *	-	2.67	2.04 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.35 Metabolite NOA 413161

Table 8.9-454: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	2.60	-	2.59	0.086
Southern Europe	Mar. - May(Spring)	5.21	-	5.17	0.172

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-455: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	2.85	-	2.83	0.094
Southern Europe	Oct. - Feb.(Autumn)	2.28	-	2.26	0.075

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-456: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	2.60	-	2.59	0.086
Southern Europe	Mar. - May(Spring)	5.21	-	5.17	0.172

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-457: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	2.85	-	2.83	0.094

Southern Europe	Oct. - Feb.(Autumn)	2.28	-	2.26	0.075

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-458: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	2.44	-	2.42	0.081
Southern Europe	Mar. - May(Spring)	4.88	-	4.85	0.161

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-459: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.977	-	0.970	0.032
Southern Europe	Jun. - Sep.(Summer)	1.47	-	1.45	0.048

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-460: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Mar. - May(Spring)	1.30 *	-	1.29	0.043 *
Southern Europe	Mar. - May(Spring)	2.61 *	-	2.59	0.086 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-461: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.521 *	-	0.517	0.017 *
Southern Europe	Jun. - Sep.(Summer)	0.782 *	-	0.776	0.026 *

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.36 Metabolite NOA 413163

Table 8.9-462: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					

Northern Europe	Mar. - May(Spring)	1.17	-	1.16	0.070
Southern Europe	Mar. - May(Spring)	2.33	-	2.32	0.140

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-463: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.28	-	1.27	0.077
Southern Europe	Oct. - Feb.(Autumn)	1.02	-	1.01	0.061

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-464: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	1.17	-	1.16	0.070
Southern Europe	Mar. - May(Spring)	2.33	-	2.32	0.140

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-465: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.28	-	1.27	0.077
Southern Europe	Oct. - Feb.(Autumn)	1.02	-	1.01	0.061

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-466: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	1.09	-	1.09	0.066
Southern Europe	Mar. - May(Spring)	2.19	-	2.17	0.131

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-467: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.438	-	0.434	0.026

Southern Europe	Jun. - Sep.(Summer)	0.656	-	0.652	0.039

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-468: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Mar. - May(Spring)	0.579 *	-	0.574	0.035 *
Southern Europe	Mar. - May(Spring)	1.16 *	-	1.15	0.069 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-469: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.232 *	-	0.230	0.014 *
Southern Europe	Jun. - Sep.(Summer)	0.347 *	-	0.345	0.021 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.37 Metabolite CGA 107170

Table 8.9-470: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	41.3	-	41.0	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	8.15	-	8.10	<0.001 *
Southern Europe	Mar. - May(Spring)	8.15	-	8.09	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-471: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	37.0	-	36.7	<0.001
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	3.87	-	3.84	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	3.87	-	3.84	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-472: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	41.3	-	41.0	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	8.15	-	8.10	<0.001 *
Southern Europe	Mar. - May(Spring)	8.15	-	8.09	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-473: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	37.0	-	36.7	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	3.87	-	3.84	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	3.87	-	3.84	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-474: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.787	-	0.782	<0.001 *
Southern Europe	Mar. - May(Spring)	0.799	-	0.793	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-475: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.9	-	32.6	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.780	-	0.775	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.783	-	0.777	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-476: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.452 *	-	0.448	<0.001 *

Southern Europe	Mar. - May(Spring)	0.463 *	-	0.460	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-477: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.445 *	-	0.441	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.447 *	-	0.444	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.38 Metabolite CGA 357262

Table 8.9-478: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.93	-	3.90	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	3.43	-	3.41	<0.001 *
Southern Europe	Mar. - May(Spring)	3.43	-	3.41	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-479: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.12	-	2.10	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.63	-	1.62	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	1.63	-	1.62	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-480: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.93	-	3.90	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	3.43	-	3.41	<0.001 *
Southern Europe	Mar. - May(Spring)	3.43	-	3.41	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-481: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.12	-	2.10	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.63	-	1.62	<0.001 *

Southern Europe	Oct. - Feb.(Autumn)	1.63	-	1.62	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-482: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.328	-	0.325	<0.001 *
Southern Europe	Mar. - May(Spring)	0.328	-	0.325	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-483: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.372	-	0.369	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.328	-	0.325	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.328	-	0.325	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-484: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *
Southern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-485: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.186 *	-	0.184	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.39 Metabolite NOA 409480

Table 8.9-486: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					

Northern Europe	Mar. - May(Spring)	0.332	-	0.329	7.79
Southern Europe	Mar. - May(Spring)	0.664	-	0.659	15.6

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-487: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.363	-	0.360	8.52
Southern Europe	Oct. - Feb.(Autumn)	0.290	-	0.288	6.82

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-488: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.332	-	0.329	7.79
Southern Europe	Mar. - May(Spring)	0.664	-	0.659	15.6

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-489: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.363	-	0.360	8.52
Southern Europe	Oct. - Feb.(Autumn)	0.290	-	0.288	6.82

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-490: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.311	-	0.309	7.30
Southern Europe	Mar. - May(Spring)	0.622	-	0.618	14.6

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-491: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.124	-	0.124	2.92

Southern Europe	Jun. - Sep.(Summer)	0.187	-	0.185	4.38

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-492: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Mar. - May(Spring)	0.164 *	-	0.163	3.86 *
Southern Europe	Mar. - May(Spring)	0.329 *	-	0.326	7.72 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-493: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.066 *	-	0.065	1.54 *
Southern Europe	Jun. - Sep.(Summer)	0.099 *	-	0.098	2.32 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.40 Metabolite CGA 357261

Table 8.9-494: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.6	-	24.8	120
Step 2					
Northern Europe	Mar. - May(Spring)	14.9	-	11.0	51.3
Southern Europe	Mar. - May(Spring)	14.9	-	11.0	51.3

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-495: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	23.4	-	19.1	92.5
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	7.06	-	5.21	24.4
Southern Europe	Oct. - Feb.(Autumn)	7.06	-	5.21	24.4

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-496: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.6	-	24.8	120
Step 2					
Northern Europe	Mar. - May(Spring)	14.9	-	11.0	51.3
Southern Europe	Mar. - May(Spring)	14.9	-	11.0	51.3

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-497: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	23.4	-	19.1	92.5
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	7.06	-	5.21	24.4
Southern Europe	Oct. - Feb.(Autumn)	7.06	-	5.21	24.4

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-498: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Mar. - May(Spring)	1.42	-	1.05	4.90
Southern Europe	Mar. - May(Spring)	1.42	-	1.05	4.90

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-499: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.5	-	13.6	66.3
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.42	-	1.05	4.90
Southern Europe	Jun. - Sep.(Summer)	1.42	-	1.05	4.90

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-500: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *

Southern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-501: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.947 *	-	0.599	2.78 *
Southern Europe	Jun. - Sep.(Summer)	0.947 *	-	0.599	2.78 *

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.41 Metabolite CGA 357276

Table 8.9-502: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.57	-	1.74	136
Step 2					
Northern Europe	Mar. - May(Spring)	1.58 *	-	0.368	24.6
Southern Europe	Mar. - May(Spring)	1.58 *	-	0.427	30.4

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-503: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.11	-	1.58	126
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.850 *	-	0.212	15.3
Southern Europe	Oct. - Feb.(Autumn)	0.850 *	-	0.199	14.0

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-504: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.57	-	1.74	136
Step 2					
Northern Europe	Mar. - May(Spring)	1.58 *	-	0.368	24.6
Southern Europe	Mar. - May(Spring)	1.58 *	-	0.427	30.4

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-505: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.11	-	1.58	126
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.850 *	-	0.212	15.3

Southern Europe	Oct. - Feb.(Autumn)	0.850 *	-	0.199	14.0

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-506: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.085	7.24
Southern Europe	Mar. - May(Spring)	0.168	-	0.156	12.7

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-507: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.43	116
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.052	3.98
Southern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.063	5.06

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-508: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.049	3.88 *
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.078	6.75 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-509: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.031	2.16 *
Southern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.037	2.74 *

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.42 Metabolite CGA 381318

Table 8.9-510: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					

Northern Europe	Mar. - May(Spring)	0.894	-	0.887	0.684
Southern Europe	Mar. - May(Spring)	1.79	-	1.77	1.37

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-511: FOCUS Step 1, 2 PEC$_{sw}$ and PEC$_{sed}$ for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.977	-	0.970	0.748
Southern Europe	Oct. - Feb.(Autumn)	0.782	-	0.776	0.598

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-512: FOCUS Step 1, 2 PEC$_{sw}$ and PEC$_{sed}$ for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.894	-	0.887	0.684
Southern Europe	Mar. - May(Spring)	1.79	-	1.77	1.37

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-513: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.977	-	0.970	0.748
Southern Europe	Oct. - Feb.(Autumn)	0.782	-	0.776	0.598

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-514: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.838	-	0.832	0.641
Southern Europe	Mar. - May(Spring)	1.68	-	1.66	1.28

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-515: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.335	-	0.333	0.256

Southern Europe	Jun. - Sep.(Summer)	0.503	-	0.499	0.385

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-516: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Mar. - May(Spring)	0.471 *	-	0.468	0.360 *
Southern Europe	Mar. - May(Spring)	0.942 *	-	0.935	0.721 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-517: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.188 *	-	0.187	0.144 *
Southern Europe	Jun. - Sep.(Summer)	0.283 *	-	0.281	0.216 *

* Single applications are marked.

** TWA interval as required by ecotox

Tobacco and Hops

8.9.2.43 Metabolite CGA 321113

Table 8.9-518: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Mar. - May(Spring)	9.79 *	-	9.54	11.3 *
Southern Europe	Mar. - May(Spring)	18.0 *	-	17.6	20.8 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-519: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	111	-	109	129
Step 2					
Northern Europe	Jun. - Sep.(Summer)	4.67 *	-	4.52	5.33 *
Southern Europe	Jun. - Sep.(Summer)	6.21 *	-	6.02	7.12 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-520: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	183	-	177	210
Step 2					
Northern	Jun. -	22.2	-	21.1	24.9

Europe	Sep.(Summer)				
Southern Europe	Jun. - Sep.(Summer)	25.7	-	24.5	29.0

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.44 Metabolite CGA 373466

Table 8.9-521: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Mar. - May(Spring)	4.26 *	-	4.21	3.21 *
Southern Europe	Mar. - May(Spring)	7.79 *	-	7.71	5.87 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-522: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	51.4	-	51.0	38.8
Step 2					
Northern Europe	Jun. - Sep.(Summer)	2.05 *	-	2.02	1.54 *
Southern Europe	Jun. - Sep.(Summer)	2.72 *	-	2.67	2.04 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-523: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	84.2	-	82.9	63.1
Step 2					
Northern Europe	Jun. - Sep.(Summer)	9.73	-	9.45	7.20
Southern Europe	Jun. - Sep.(Summer)	11.1	-	10.8	8.23

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.45 Metabolite NOA 413161

Table 8.9-524: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Mar. - May(Spring)	1.39 *	-	1.38	0.046 *
Southern Europe	Mar. - May(Spring)	2.78 *	-	2.76	0.092 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-525: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	9.38	-	9.31	0.310
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.521 *	-	0.517	0.017 *
Southern	Jun. -	0.782 *	-	0.776	0.026 *

Europe	Sep.(Summer)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-526: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.1	-	14.0	0.464
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.15	-	1.14	0.038
Southern Europe	Jun. - Sep.(Summer)	1.72	-	1.71	0.057

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.46 Metabolite NOA 413163

Table 8.9-527: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Mar. - May(Spring)	0.617 *	-	0.613	0.037 *
Southern Europe	Mar. - May(Spring)	1.23 *	-	1.23	0.074 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-528: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.12	-	4.09	0.247
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.232 *	-	0.230	0.014 *
Southern Europe	Jun. - Sep.(Summer)	0.347 *	-	0.345	0.021 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-529: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.18	-	6.14	0.371
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.519	-	0.515	0.031
Southern Europe	Jun. - Sep.(Summer)	0.778	-	0.772	0.047

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.47 Metabolite CGA 107170

Table 8.9-530: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.452 *	-	0.449	<0.001 *
Southern	Mar. -	0.465 *	-	0.461	<0.001 *

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-531: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	16.4	-	16.3	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.445 *	-	0.441	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	0.447 *	-	0.444	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-532: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	28.6	-	28.4	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	4.23	-	4.21	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	4.23	-	4.21	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.48 Metabolite CGA 357262

Table 8.9-533: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *
Southern Europe	Mar. - May(Spring)	0.186 *	-	0.184	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-534: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.186	-	0.184	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.186 *	-	0.184	<0.001 *
Southern	Jun. -	0.186 *	-	0.184	<0.001 *

Europe	Sep.(Summer)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-535: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.95	-	1.94	<0.001
Step 2					
Northern Europe	Jun. - Sep.(Summer)	1.78	-	1.77	<0.001 *
Southern Europe	Jun. - Sep.(Summer)	1.78	-	1.77	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.49 Metabolite NOA 409480

Table 8.9-536: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Mar. - May(Spring)	0.175 *	-	0.174	4.12 *
Southern Europe	Mar. - May(Spring)	0.351 *	-	0.348	8.23 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-537: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.17	-	1.16	27.5
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.066 *	-	0.065	1.54 *
Southern Europe	Jun. - Sep.(Summer)	0.099 *	-	0.098	2.32 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-538: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.75	-	1.74	41.2
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.148	-	0.147	3.47
Southern Europe	Jun. - Sep.(Summer)	0.221	-	0.220	5.20

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.50 Metabolite CGA 357261

Table 8.9-539: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.947 *	-	0.599	2.78 *
Southern	Mar. -	0.947 *	-	0.599	2.78 *

Europe	May(Spring)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-540: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.23	-	6.82	33.2
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.947 *	-	0.599	2.78 *
Southern Europe	Jun. - Sep.(Summer)	0.947 *	-	0.599	2.78 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-541: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	19.4	-	15.5	74.8
Step 2					
Northern Europe	Jun. - Sep.(Summer)	7.72	-	5.70	26.6
Southern Europe	Jun. - Sep.(Summer)	7.72	-	5.70	26.6

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.51 Metabolite CGA 357276

Table 8.9-542: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.149 *	-	0.051	4.07 *
Southern Europe	Mar. - May(Spring)	0.149 *	-	0.082	7.13 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-543: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.856	-	0.717	58.0
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.149 *	-	0.031	2.16 *
Southern	Jun. -	0.149 *	-	0.037	2.74 *

Europe	Sep.(Summer)				

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-544: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.63	-	1.22	96.3
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.805	-	0.187	12.4
Southern Europe	Jun. - Sep.(Summer)	0.805	-	0.200	13.7

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.52 Metabolite CGA 381318

Table 8.9-545: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39, spring -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Mar. - May(Spring)	0.502 *	-	0.499	0.384 *
Southern Europe	Mar. - May(Spring)	1.00 *	-	0.998	0.769 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-546: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT01 (Tobacco [ID: 241] -- BBCH 11 - 39, summer -- 1×200g a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.62	-	3.60	2.77
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.188 *	-	0.187	0.144 *
Southern Europe	Jun. - Sep.(Summer)	0.283 *	-	0.281	0.216 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-547: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79 -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.43	-	5.39	4.16
Step 2					
Northern Europe	Jun. - Sep.(Summer)	0.378	-	0.376	0.289
Southern Europe	Jun. - Sep.(Summer)	0.567	-	0.563	0.434

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

8.9.2.53 Metabolite CGA 321113

Table 8.9-548: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	167	-	164	193

Step 2					
Northern Europe	Mar. - May(Spring)	10.9	-	10.6	12.5
Southern Europe	Mar. - May(Spring)	19.7	-	19.2	22.7

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-549: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	172	-	168	199
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	20.7	-	20.1	23.7
Southern Europe	Oct. - Feb.(Autumn)	17.8	-	17.2	20.3

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-550: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Mar. - May(Spring)	14.5	-	14.2	16.7
Southern Europe	Mar. - May(Spring)	26.2	-	25.6	30.3

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-551: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	230	-	224	265
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	27.7	-	26.8	31.6
Southern Europe	Oct. - Feb.(Autumn)	23.8	-	23.0	27.1

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.54 Metabolite CGA 373466

Table 8.9-552: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	77.1	-	76.5	58.3
Step 2					
Northern Europe	Mar. - May(Spring)	4.56	-	4.50	3.43
Southern Europe	Mar. - May(Spring)	8.13	-	8.04	6.13

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-553: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	79.4	-	78.5	59.8
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	8.77	-	8.63	6.57
Southern Europe	Oct. - Feb.(Autumn)	7.58	-	7.45	5.67

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-554: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Mar. - May(Spring)	6.08	-	6.00	4.57
Southern Europe	Mar. - May(Spring)	10.8	-	10.7	8.17

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-555: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	106	-	105	79.8
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	11.7	-	11.5	8.76
Southern Europe	Oct. - Feb.(Autumn)	10.1	-	9.93	7.56

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.55 Metabolite NOA 413161

Table 8.9-556: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.1	-	14.0	0.464
Step 2					
Northern Europe	Mar. - May(Spring)	1.47	-	1.45	0.048
Southern Europe	Mar. - May(Spring)	2.93	-	2.91	0.097

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-557: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.1	-	14.0	0.464
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	2.44	-	2.42	0.081
Southern Europe	Oct. - Feb.(Autumn)	1.95	-	1.94	0.065

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-558: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	1.95	-	1.94	0.065
Southern Europe	Mar. - May(Spring)	3.91	-	3.88	0.129

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-559: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	3.26	-	3.23	0.107
Southern Europe	Oct. - Feb.(Autumn)	2.60	-	2.59	0.086

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.56 Metabolite NOA 413163

Table 8.9-560: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.18	-	6.14	0.371
Step 2					
Northern Europe	Mar. - May(Spring)	0.656	-	0.652	0.039
Southern Europe	Mar. - May(Spring)	1.31	-	1.30	0.079

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-561: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.18	-	6.14	0.371
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	1.09	-	1.09	0.066
Southern Europe	Oct. - Feb.(Autumn)	0.875	-	0.869	0.053

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-562: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	0.875	-	0.869	0.053
Southern Europe	Mar. - May(Spring)	1.75	-	1.74	0.105

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-563: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.46	-	1.45	0.088
Southern Europe	Oct. - Feb.(Autumn)	1.17	-	1.16	0.070

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.57 Metabolite CGA 107170

Table 8.9-564: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	24.6	-	24.5	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.603	-	0.598	<0.001 *
Southern Europe	Mar. - May(Spring)	0.610	-	0.605	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-565: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	25.9	-	25.7	<0.001
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	1.71	-	1.70	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	1.71	-	1.70	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-566: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.8	-	32.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.804	-	0.798	<0.001 *
Southern Europe	Mar. - May(Spring)	0.813	-	0.807	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-567: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	34.6	-	34.3	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	2.28	-	2.26	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	2.28	-	2.26	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.58 Metabolite CGA 357262

Table 8.9-568: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.273	-	0.271	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.252	-	0.250	<0.001 *
Southern Europe	Mar. - May(Spring)	0.252	-	0.250	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-569: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.811	-	0.805	<0.001
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.717	-	0.712	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.717	-	0.712	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-570: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.364	-	0.361	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.335	-	0.333	<0.001 *
Southern Europe	Mar. - May(Spring)	0.335	-	0.333	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-571: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.08	-	1.07	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.956	-	0.949	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.956	-	0.949	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.59 Metabolite NOA 409480

Table 8.9-572: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.75	-	1.74	41.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.187	-	0.185	4.38
Southern Europe	Mar. - May(Spring)	0.373	-	0.371	8.76

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-573: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.75	-	1.74	41.2
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.311	-	0.309	7.30
Southern Europe	Oct. - Feb.(Autumn)	0.249	-	0.247	5.84

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-574: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.249	-	0.247	5.84
Southern Europe	Mar. - May(Spring)	0.498	-	0.494	11.7

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-575: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.415	-	0.412	9.74
Southern Europe	Oct. - Feb.(Autumn)	0.332	-	0.329	7.79

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.60 Metabolite CGA 357261

Table 8.9-576: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	10.8	-	10.2	49.7
Step 2					
Northern Europe	Mar. - May(Spring)	1.09	-	0.805	3.76
Southern Europe	Mar. - May(Spring)	1.09	-	0.805	3.76

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-577: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.6	-	11.9	57.7
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	3.11	-	2.30	10.7
Southern Europe	Oct. - Feb.(Autumn)	3.11	-	2.30	10.7

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-578: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.4	-	13.6	66.2
Step 2					
Northern Europe	Mar. - May(Spring)	1.45	-	1.07	5.01
Southern Europe	Mar. - May(Spring)	1.45	-	1.07	5.01

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-579: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.1	-	15.8	77.0
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	4.14	-	3.06	14.3
Southern Europe	Oct. - Feb.(Autumn)	4.14	-	3.06	14.3

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.61 Metabolite CGA 357276

Table 8.9-580: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.28	-	1.08	87.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.114	-	0.056	4.65
Southern Europe	Mar. - May(Spring)	0.114	-	0.090	7.91

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-581: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.12	90.0
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.325 *	-	0.120	9.38
Southern Europe	Oct. - Feb.(Autumn)	0.325 *	-	0.109	8.29

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-582: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.70	-	1.43	116
Step 2					
Northern Europe	Mar. - May(Spring)	0.151	-	0.075	6.20
Southern Europe	Mar. - May(Spring)	0.151	-	0.120	10.6

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-583: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.28	-	1.49	120
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.434 *	-	0.161	12.5
Southern Europe	Oct. - Feb.(Autumn)	0.434 *	-	0.146	11.1

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.62 Metabolite CGA 381318

Table 8.9-584: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, spring -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.43	-	5.39	4.16
Step 2					
Northern Europe	Mar. - May(Spring)	0.503	-	0.499	0.385
Southern Europe	Mar. - May(Spring)	1.01	-	0.998	0.769

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-585: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- BBCH 15-89, autumn -- 2×150g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.43	-	5.39	4.16
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.838	-	0.832	0.641
Southern Europe	Oct. - Feb.(Autumn)	0.670	-	0.665	0.513

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-586: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, spring -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.670	-	0.665	0.513
Southern Europe	Mar. - May(Spring)	1.34	-	1.33	1.03

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-587: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- BBCH 15-89, autumn -- 2×200g a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.12	-	1.11	0.855
Southern Europe	Oct. - Feb.(Autumn)	0.894	-	0.887	0.684

* Single applications are marked.

** TWA interval as required by ecotox

Vines III – IV

8.9.2.63 Metabolite CGA 321113

Table 8.9-588: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	167	-	164	193
Step 2					
Northern Europe	Mar. - May(Spring)	10.5	-	10.2	12.1
Southern Europe	Mar. - May(Spring)	18.9	-	18.4	21.8

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-589: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	172	-	168	199
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	20.0	-	19.4	22.9
Southern Europe	Oct. - Feb.(Autumn)	17.3	-	16.7	19.7

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-590: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	223	-	218	258
Step 2					
Northern Europe	Mar. - May(Spring)	14.0	-	13.6	16.1
Southern Europe	Mar. - May(Spring)	25.1	-	24.6	29.0

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-591: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	230	-	224	265
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	26.7	-	25.9	30.6
Southern Europe	Oct. - Feb.(Autumn)	23.0	-	22.2	26.3

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.64 Metabolite CGA 373466

Table 8.9-592: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	77.1	-	76.5	58.3
Step 2					

Northern Europe	Mar. - May(Spring)	4.24	-	4.18	3.19
Southern Europe	Mar. - May(Spring)	7.50	-	7.42	5.65

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-593: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	79.4	-	78.5	59.8
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	8.25	-	8.10	6.17
Southern Europe	Oct. - Feb.(Autumn)	7.16	-	7.03	5.35

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-594: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	103	-	102	77.7
Step 2					
Northern Europe	Mar. - May(Spring)	5.66	-	5.58	4.25
Southern Europe	Mar. - May(Spring)	10.0	-	9.89	7.54

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-595: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	106	-	105	79.8
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	11.0	-	10.8	8.23
Southern Europe	Oct. - Feb.(Autumn)	9.55	-	9.37	7.14

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.65 Metabolite NOA 413161

Table 8.9-596: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.1	-	14.0	0.464
Step 2					
Northern Europe	Mar. - May(Spring)	1.38	-	1.37	0.046
Southern Europe	Mar. - May(Spring)	2.76	-	2.74	0.091

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-597: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.1	-	14.0	0.464
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	2.30	-	2.28	0.076
Southern Europe	Oct. - Feb.(Autumn)	1.84	-	1.83	0.061

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-598: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Mar. - May(Spring)	1.84	-	1.83	0.061
Southern Europe	Mar. - May(Spring)	3.68	-	3.65	0.121

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-599: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.8	-	18.6	0.619
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	3.06	-	3.04	0.101
Southern Europe	Oct. - Feb.(Autumn)	2.45	-	2.43	0.081

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.66 Metabolite NOA 413163

Table 8.9-600: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.18	-	6.14	0.371
Step 2					
Northern Europe	Mar. - May(Spring)	0.622	-	0.618	0.037
Southern Europe	Mar. - May(Spring)	1.24	-	1.24	0.075

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-601: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.18	-	6.14	0.371
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	1.04	-	1.03	0.062
Southern Europe	Oct. - Feb.(Autumn)	0.830	-	0.824	0.050

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-602: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Mar. - May(Spring)	0.830	-	0.824	0.050
Southern Europe	Mar. - May(Spring)	1.66	-	1.65	0.100

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-603: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.25	-	8.19	0.495
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.38	-	1.37	0.083
Southern Europe	Oct. - Feb.(Autumn)	1.11	-	1.10	0.066

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.67 Metabolite CGA 107170

Table 8.9-604: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	24.6	-	24.5	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.601	-	0.597	<0.001 *
Southern Europe	Mar. - May(Spring)	0.608	-	0.604	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-605: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	25.9	-	25.7	<0.001
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	1.71	-	1.69	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	1.70	-	1.69	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-606: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	32.8	-	32.6	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.802	-	0.796	<0.001 *
Southern Europe	Mar. - May(Spring)	0.811	-	0.805	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-607: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	34.6	-	34.3	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	2.28	-	2.26	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	2.27	-	2.26	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.68 Metabolite CGA 357262

Table 8.9-608: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.273	-	0.271	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.251	-	0.249	<0.001 *
Southern Europe	Mar. - May(Spring)	0.251	-	0.249	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-609: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.811	-	0.805	<0.001
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.716	-	0.710	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.716	-	0.710	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-610: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.364	-	0.361	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.335	-	0.332	<0.001 *
Southern Europe	Mar. - May(Spring)	0.335	-	0.332	<0.001 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-611: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.08	-	1.07	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.954	-	0.947	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.954	-	0.947	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.69 Metabolite NOA 409480

Table 8.9-612: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.75	-	1.74	41.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.177	-	0.176	4.16
Southern Europe	Mar. - May(Spring)	0.354	-	0.352	8.32

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-613: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.75	-	1.74	41.2
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.295	-	0.293	6.93
Southern Europe	Oct. - Feb.(Autumn)	0.236	-	0.235	5.55

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-614: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Mar. - May(Spring)	0.236	-	0.235	5.55
Southern Europe	Mar. - May(Spring)	0.472	-	0.469	11.1

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-615: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.34	-	2.32	54.9
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.394	-	0.391	9.24
Southern Europe	Oct. - Feb.(Autumn)	0.315	-	0.313	7.39

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.70 Metabolite CGA 357261

Table 8.9-616: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	10.8	-	10.2	49.7
Step 2					
Northern Europe	Mar. - May(Spring)	1.09	-	0.803	3.75
Southern Europe	Mar. - May(Spring)	1.09	-	0.803	3.75

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-617: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.6	-	11.9	57.7
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	3.10	-	2.29	10.7
Southern Europe	Oct. - Feb.(Autumn)	3.10	-	2.29	10.7

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-618: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	14.4	-	13.6	66.2
Step 2					
Northern Europe	Mar. - May(Spring)	1.45	-	1.07	5.00
Southern Europe	Mar. - May(Spring)	1.45	-	1.07	5.00

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-619: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	18.1	-	15.8	77.0
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	4.14	-	3.05	14.3
Southern Europe	Oct. - Feb.(Autumn)	4.14	-	3.05	14.3

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.71 Metabolite CGA 357276

Table 8.9-620: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.28	-	1.08	87.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.113	-	0.055	4.50
Southern Europe	Mar. - May(Spring)	0.113	-	0.087	7.63

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-621: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.12	90.0
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.325 *	-	0.118	9.14
Southern Europe	Oct. - Feb.(Autumn)	0.325 *	-	0.107	8.10

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-622: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.70	-	1.43	116
Step 2					
Northern Europe	Mar. - May(Spring)	0.151	-	0.073	6.01
Southern Europe	Mar. - May(Spring)	0.151	-	0.116	10.2

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-623: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.28	-	1.49	120
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.434 *	-	0.157	12.2
Southern Europe	Oct. - Feb.(Autumn)	0.434 *	-	0.143	10.8

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.72 Metabolite CGA 381318

Table 8.9-624: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, spring -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.43	-	5.39	4.16
Step 2					
Northern Europe	Mar. - May(Spring)	0.454	-	0.451	0.347
Southern Europe	Mar. - May(Spring)	0.908	-	0.901	0.695

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-625: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT01 (vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- BBCH 15 - 89, autumn -- 2×150g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.43	-	5.39	4.16
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.757	-	0.751	0.579
Southern Europe	Oct. - Feb.(Autumn)	0.605	-	0.601	0.463

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-626: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT02 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, spring -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Mar. - May(Spring)	0.605	-	0.601	0.463
Southern Europe	Mar. - May(Spring)	1.21	-	1.20	0.926

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-627: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT03 (vines IV [ID: 29, 40-43, 71-74, 84-87, 97-100, 199-202] -- BBCH 15 - 89, autumn -- 2×200g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	7.24	-	7.19	5.54
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	1.01	-	1.00	0.772
Southern Europe	Oct. - Feb.(Autumn)	0.807	-	0.801	0.617

* Single applications are marked.

** TWA interval as required by ecotox

Vines V

8.9.2.73 Metabolite CGA 321113

Table 8.9-628: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	172	-	168	199
Step 2					
Northern Europe	Mar. - May(Spring)	11.4	-	10.9	12.9
Southern Europe	Mar. - May(Spring)	16.7	-	16.2	19.1

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.74 Metabolite CGA 373466

Table 8.9-629: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	79.4	-	78.5	59.8
Step 2					
Northern Europe	Mar. - May(Spring)	4.82	-	4.70	3.58
Southern Europe	Mar. - May(Spring)	6.82	-	6.69	5.09

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.75 Metabolite NOA 413161

Table 8.9-630: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*

Step 1	-	14.1	-	14.0	0.464
Step 2					
Northern Europe	Mar. - May(Spring)	0.869	-	0.863	0.029
Southern Europe	Mar. - May(Spring)	1.74	-	1.73	0.057

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.76 Metabolite NOA 413163

Table 8.9-631: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	6.18	-	6.14	0.371
Step 2					
Northern Europe	Mar. - May(Spring)	0.395	-	0.392	0.024
Southern Europe	Mar. - May(Spring)	0.789	-	0.784	0.047

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.77 Metabolite CGA 107170

Table 8.9-632: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	25.9	-	25.7	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	1.70	-	1.69	<0.001 *
Southern Europe	Mar. - May(Spring)	1.70	-	1.69	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.78 Metabolite CGA 357262

Table 8.9-633: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.811	-	0.805	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.714	-	0.709	<0.001 *
Southern Europe	Mar. - May(Spring)	0.714	-	0.709	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.79 Metabolite NOA 409480

Table 8.9-634: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.75	-	1.74	41.2
Step 2					
Northern Europe	Mar. - May(Spring)	0.112	-	0.112	2.64
Southern Europe	Mar. - May(Spring)	0.225	-	0.223	5.28

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.80 Metabolite CGA 357261

Table 8.9-635: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	13.6	-	11.9	57.7
Step 2					

Northern Europe	Mar. - May(Spring)	3.10	-	2.28	10.7
Southern Europe	Mar. - May(Spring)	3.10	-	2.28	10.7

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.81 Metabolite CGA 357276

Table 8.9-636: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.71	-	1.12	90.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.325 *	-	0.085	5.92
Southern Europe	Mar. - May(Spring)	0.325 *	-	0.105	7.92

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.82 Metabolite CGA 381318

Table 8.9-637: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to berries (simulated use PMT00 (vines V -- BBCH 40 - 69, spring -- 2×150g a.s./ha, 21d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	5.43	-	5.39	4.16
Step 2					
Northern Europe	Mar. - May(Spring)	0.277	-	0.275	0.212
Southern Europe	Mar. - May(Spring)	0.555	-	0.551	0.424

* Single applications are marked.

** TWA interval as required by ecotox

Vines VI

8.9.2.83 Metabolite CGA 321113

Table 8.9-638: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	55.7	-	54.6	64.5
Step 2					
Northern Europe	Mar. - May(Spring)	3.50	-	3.40	4.02
Southern Europe	Mar. - May(Spring)	6.28	-	6.14	7.25

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-639: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 321113 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	57.4	-	56.0	66.2
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	6.68	-	6.47	7.64
Southern Europe	Oct. - Feb.(Autumn)	5.75	-	5.56	6.56

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.84 Metabolite CGA 373466

Table 8.9-640: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	25.7	-	25.5	19.4
Step 2					
Northern Europe	Mar. - May(Spring)	1.41	-	1.39	1.06
Southern Europe	Mar. - May(Spring)	2.50	-	2.47	1.88

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-641: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 373466 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	26.5	-	26.2	19.9
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	2.75	-	2.70	2.06
Southern Europe	Oct. - Feb.(Autumn)	2.39	-	2.34	1.78

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.85 Metabolite NOA 413161

Table 8.9-642: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.69	-	4.66	0.155
Step 2					
Northern Europe	Mar. - May(Spring)	0.460	-	0.456	0.015
Southern Europe	Mar. - May(Spring)	0.919	-	0.913	0.030

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-643: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413161 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.69	-	4.66	0.155
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.766	-	0.761	0.025
Southern Europe	Oct. - Feb.(Autumn)	0.613	-	0.609	0.020

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.86 Metabolite NOA 413163

Table 8.9-644: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.06	-	2.05	0.124
Step 2					
Northern Europe	Mar. - May(Spring)	0.207	-	0.206	0.012
Southern Europe	Mar. - May(Spring)	0.415	-	0.412	0.025

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-645: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 413163 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	2.06	-	2.05	0.124
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.346	-	0.343	0.021
Southern Europe	Oct. - Feb.(Autumn)	0.277	-	0.275	0.017

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.87 Metabolite CGA 107170

Table 8.9-646: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.21	-	8.15	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.200	-	0.199	<0.001 *
Southern Europe	Mar. - May(Spring)	0.203	-	0.201	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-647: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 107170 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	8.64	-	8.58	<0.001
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.569	-	0.565	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.568	-	0.564	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.88 Metabolite CGA 357262

Table 8.9-648: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.091	-	0.090	<0.001
Step 2					
Northern Europe	Mar. - May(Spring)	0.084	-	0.083	<0.001 *
Southern Europe	Mar. - May(Spring)	0.084	-	0.083	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-649: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357262 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.270	-	0.268	<0.001
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.239	-	0.237	<0.001 *
Southern Europe	Oct. - Feb.(Autumn)	0.239	-	0.237	<0.001 *

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.89 Metabolite NOA 409480

Table 8.9-650: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.585	-	0.581	13.7
Step 2					
Northern Europe	Mar. - May(Spring)	0.059	-	0.059	1.39
Southern Europe	Mar. - May(Spring)	0.118	-	0.117	2.77

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-651: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.585	-	0.581	13.7
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.098	-	0.098	2.31
Southern Europe	Oct. - Feb.(Autumn)	0.079	-	0.078	1.85

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.90 Metabolite CGA 357261

Table 8.9-652: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	3.60	-	3.40	16.6
Step 2					
Northern Europe	Mar. - May(Spring)	0.363	-	0.268	1.25
Southern Europe	Mar. - May(Spring)	0.363	-	0.268	1.25

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-653: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	4.52	-	3.96	19.2
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	1.03	-	0.763	3.57
Southern Europe	Oct. - Feb.(Autumn)	1.03	-	0.763	3.57

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.91 Metabolite CGA 357276

Table 8.9-654: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.426	-	0.358	29.0
Step 2					
Northern Europe	Mar. - May(Spring)	0.038	-	0.018	1.50
Southern Europe	Mar. - May(Spring)	0.038	-	0.029	2.54

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-655: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	0.570	-	0.374	30.0
Step 2					
Northern Europe	Oct. - Feb.(Autumn)	0.109 *	-	0.039	3.05
Southern Europe	Oct. - Feb.(Autumn)	0.109 *	-	0.036	2.70

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.92 Metabolite CGA 381318

Table 8.9-656: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT00 (vines VI [ID: 138-140] -- BBCH 15-85, spring -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.81	-	1.80	1.39
Step 2					
Northern Europe	Mar. - May(Spring)	0.151	-	0.150	0.116
Southern Europe	Mar. - May(Spring)	0.303	-	0.300	0.232

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-657: FOCUS Step 1, 2 PEC_{sw} and PEC_{sed} for CGA 381318 following single/multiple application(s) of FLU+TFS SC 500 to grapes (simulated use PMT01 (vines VI [ID: 138-140] -- BBCH 15-85, autumn -- 2×50g a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 1	-	1.81	-	1.80	1.39
Step 2					

Northern Europe	Oct. - Feb.(Autumn)	0.252	-	0.250	0.193
Southern Europe	Oct. - Feb.(Autumn)	0.202	-	0.200	0.154

* Single applications are marked.
** TWA interval as required by ecotox

Step 3

8.9.2.93 Metabolite CGA 357261

Field beans I – IV

Table 8.9-658: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.016 *	-	0.004	0.181 *
D2	Stream	0.003 *	-	<0.001	0.005 *
D3	Ditch	0.010 *	-	0.003	0.156 *
D4	Pond	0.018 *	-	0.018	0.142 *
D4	Stream	<0.001 *	-	<0.001	0.003 *
D6	Ditch	0.003 *	-	<0.001	0.073 *
D6	Ditch 2nd	0.002 *	-	<0.001	0.061 *
R1	Pond	0.015 *	-	0.015	0.121 *
R1	Stream	0.004 *	-	<0.001	0.013 *
R2	Stream	0.021 *	-	<0.001	0.033 *
R3	Stream	0.011 *	-	<0.001	0.036 *
R4	Stream	0.057 *	-	0.002	0.039 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-659: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.187 *	-	0.147	0.854 *
D2	Stream	0.177 *	-	0.101	0.794 *
D3	Ditch	0.026 *	-	0.007	0.282 *
D4	Pond	0.016 *	-	0.016	0.131 *
D4	Stream	<0.001 *	-	<0.001	0.013 *
D6	Ditch	0.113 *	-	0.061	0.710 *
D6	Ditch 2nd	0.023 *	-	0.006	0.272 *
R1	Pond	0.015 *	-	0.015	0.124 *
R1	Stream	<0.001 *	-	<0.001	0.020 *
R2	Stream	<0.001 *	-	<0.001	0.018 *
R3	Stream	0.001 *	-	<0.001	0.057 *
R4	Stream	<0.001 *	-	<0.001	0.011 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-660: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans, BBCH 19 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.099	-	0.051	0.641
D2	Stream	0.043	-	0.011	0.246
D3	Ditch	0.011 *	-	0.003	0.253
D4	Pond	0.028	-	0.027	0.225
D4	Stream	<0.001	-	<0.001	0.032
D6	Ditch	0.158	-	0.073	1.01
D6	Ditch 2nd	0.008	-	0.003	0.258
R1	Pond	0.026	-	0.026	0.202
R1	Stream	0.027	-	0.001	0.040
R2	Stream	0.068	-	0.003	0.080

R3	Stream	0.504	-	0.021	0.343
R4	Stream	1.03	-	0.018	0.225 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-661: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.374 *	-	0.178	1.54
D2	Stream	0.167	-	0.092	0.908
D3	Ditch	0.023	-	0.007	0.321
D4	Pond	0.031	-	0.030	0.236
D4	Stream	<0.001 *	-	<0.001	0.047
D6	Ditch	0.056	-	0.030	0.550
D6	Ditch 2nd	0.026	-	0.008	0.326
R1	Pond	0.031	-	0.030	0.231
R1	Stream	0.100 *	-	0.003	0.160
R2	Stream	<0.001 *	-	<0.001	0.022
R3	Stream	0.179 *	-	0.006	0.139
R4	Stream	0.452 *	-	0.020	0.283 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-662: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III, BBCH 23 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.101	-	0.023	0.607
D2	Stream	0.069	-	0.010	0.365
D3	Ditch	0.014	-	0.005	0.256
D4	Pond	0.033	-	0.032	0.242

D4	Stream	<0.001 *	-	<0.001	0.017
D6	Ditch	0.032	-	0.014	0.309
D6	Ditch 2nd	0.009	-	0.002	0.185
R1	Pond	0.030	-	0.030	0.219
R1	Stream	0.075	-	0.003	0.165
R2	Stream	0.068	-	0.003	0.080
R3	Stream	0.202 *	-	0.010	0.291
R4	Stream	0.198	-	0.015	0.215

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-663: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III, BBCH 95 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.264	-	0.157	1.39
D2	Stream	0.229 *	-	0.104	1.23
D3	Ditch	0.026 *	-	0.008	0.282 *
D4	Pond	0.028	-	0.027	0.224
D4	Stream	<0.001 *	-	<0.001	0.037 *
D6	Ditch	0.116	-	0.072	0.915
D6	Ditch 2nd	0.039	-	0.012	0.449
R1	Pond	0.025	-	0.025	0.202
R1	Stream	<0.001	-	<0.001	0.023
R2	Stream	<0.001 *	-	<0.001	0.023
R3	Stream	0.179 *	-	0.006	0.139
R4	Stream	0.363	-	0.015	0.165

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-664: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV, BBCH 40 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.110 *	-	0.056	0.804
D2	Stream	0.080 *	-	0.012	0.415 *
D3	Ditch	0.014	-	0.005	0.259
D4	Pond	0.032	-	0.031	0.239
D4	Stream	<0.001	-	<0.001	0.047
D6	Ditch	0.032	-	0.014	0.309
D6	Ditch 2nd	0.010	-	0.002	0.196
R1	Pond	0.042	-	0.041	0.296
R1	Stream	0.141 *	-	0.009	0.543
R2	Stream	0.069	-	0.003	0.089
R3	Stream	0.179	-	0.006	0.122
R4	Stream	0.641	-	0.029	0.406

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-665: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.555	-	0.234	2.24
D2	Stream	0.300	-	0.112	1.27
D3	Ditch	0.021	-	0.009	0.353
D4	Pond	0.032	-	0.031	0.239
D4	Stream	<0.001	-	<0.001	0.048
D6	Ditch	0.033	-	0.015	0.325
D6	Ditch 2nd	0.012	-	0.004	0.242
R1	Pond	0.031	-	0.030	0.231
R1	Stream	0.100 *	-	0.003	0.160
R2	Stream	<0.001 *	-	<0.001	0.025

R3	Stream	0.180	-	0.006	0.123
R4	Stream	0.641	-	0.029	0.406

* Single applications are marked.
** TWA interval as required by ecotox

Legumes and Sugar beets

Table 8.9-666: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes, BBCH 59 - 89 -- Legumes, BBCH 59 - 89 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.011	-	0.005	0.251
D4	Pond	0.026	-	0.026	0.202
D4	Stream	<0.001 *	-	<0.001	0.009
D5	Pond	0.037	-	0.037	0.289
D5	Stream	0.001	-	<0.001	0.056
D6	Ditch	0.006 *	-	0.002	0.125
R1	Pond	0.045	-	0.045	0.317
R1	Stream	0.187 *	-	0.011	0.523
R2	Stream	0.030	-	0.002	0.175
R3	Stream	0.002 *	-	<0.001	0.079
R4	Stream	0.086 *	-	0.006	0.109

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-667: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes, BBCH 59 - 79 -- Legumes, BBCH 59 - 79 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.014	-	0.004	0.228
D4	Pond	0.026	-	0.026	0.201

D4	Stream	<0.001 *	-	<0.001	0.009
D5	Pond	0.037	-	0.037	0.289
D5	Stream	0.001	-	<0.001	0.055
D6	Ditch	0.006 *	-	0.002	0.125
R1	Pond	0.045	-	0.045	0.317
R1	Stream	0.187 *	-	0.011	0.523
R2	Stream	0.096	-	0.005	0.523
R3	Stream	0.002 *	-	<0.001	0.079
R4	Stream	0.086 *	-	0.006	0.109

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-668: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 39 -- 2×0.125 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.009	-	0.002	0.148
D4	Pond	0.017	-	0.017	0.134
D4	Stream	<0.001 *	-	<0.001	0.005 *
R1	Pond	0.019	-	0.019	0.143
R1	Stream	0.053 *	-	0.001	0.097
R3	Stream	0.002 *	-	<0.001	0.084

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-669: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 40 -- 2×0.125 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.003 *	-	0.001	0.077
D4	Pond	0.019	-	0.018	0.135
D4	Stream	0.069	-	0.004	0.029

R1	Pond	0.017		-	0.017	0.142	
R1	Stream	0.253		-	0.005	0.095	
R3	Stream	0.020	*	-	0.001	0.164	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-670: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, early -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.010	*	-	0.003	0.157	*
D4	Pond	0.016	*	-	0.016	0.124	*
D4	Stream	<0.001	*	-	<0.001	0.005	*
R1	Pond	0.016	*	-	0.015	0.120	*
R1	Stream	0.006	*	-	<0.001	0.015	*
R3	Stream	0.014	*	-	<0.001	0.039	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-671: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, late -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.007	*	-	0.002	0.128	*
D4	Pond	0.015	*	-	0.014	0.122	*
D4	Stream	<0.001	*	-	<0.001	0.012	*
R1	Pond	0.014	*	-	0.014	0.122	*
R1	Stream	0.036	*	-	<0.001	0.018	*
R3	Stream	0.002	*	-	<0.001	0.075	*

* Single applications are marked.
** TWA interval as required by ecotox

Flower bulbs

Table 8.9-672: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.011	*	-	0.003	0.184	*
D4	Pond	0.016	*	-	0.015	0.119	*
D4	Stream	<0.001	*	-	<0.001	0.005	*
D6	Ditch	0.049	*	-	0.021	0.437	*
D6	Ditch 2nd	0.093	*	-	0.032	0.666	*
R1	Pond	0.017	*	-	0.017	0.127	*
R1	Stream	0.104	*	-	0.002	0.029	*
R2	Stream	0.020	*	-	<0.001	0.037	*
R3	Stream	0.009	*	-	<0.001	0.031	*
R4	Stream	0.205	*	-	0.008	0.108	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-673: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (middle) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.013	*	-	0.003	0.208	*
D4	Pond	0.014	*	-	0.014	0.115	*
D4	Stream	<0.001	*	-	<0.001	0.004	*
D6	Ditch	0.228	*	-	0.119	1.13	*
D6	Ditch 2nd	0.029	*	-	0.012	0.327	*
R1	Pond	0.019	*	-	0.019	0.139	*
R1	Stream	0.061	*	-	0.002	0.068	*
R2	Stream	<0.001	*	-	<0.001	0.014	*
R3	Stream	0.108	*	-	0.004	0.086	*
R4	Stream	<0.001	*	-	<0.001	0.009	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-674: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.014	*	-	0.003	0.215	*
D4	Pond	0.016	*	-	0.016	0.129	*
D4	Stream	<0.001	*	-	<0.001	0.004	*
D6	Ditch	0.228	*	-	0.119	1.13	*
D6	Ditch 2nd	0.029	*	-	0.012	0.327	*
R1	Pond	0.017	*	-	0.017	0.128	*
R1	Stream	<0.001	*	-	<0.001	0.015	*
R2	Stream	0.045	*	-	0.001	0.046	*
R3	Stream	0.108	*	-	0.004	0.086	*
R4	Stream	0.388	*	-	0.020	0.274	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-675: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (early) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.004 *	-	0.002	0.130
D4	Pond	0.017	-	0.017	0.133
D4	Stream	<0.001 *	-	<0.001	0.003
D6	Ditch	0.089	-	0.074	0.767
D6	Ditch 2nd	0.035 *	-	0.012	0.251 *
R1	Pond	0.021	-	0.021	0.156
R1	Stream	0.039 *	-	0.002	0.069
R2	Stream	0.028	-	0.002	0.132
R3	Stream	0.102	-	0.003	0.101
R4	Stream	0.156	-	0.013	0.245

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-676: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (late) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.005 *	-	0.002	0.136
D4	Pond	0.018	-	0.017	0.146
D4	Stream	<0.001 *	-	<0.001	0.004
D6	Ditch	0.097	-	0.089	0.928
D6	Ditch 2nd	0.013	-	0.005	0.191
R1	Pond	0.022	-	0.022	0.173
R1	Stream	0.052	-	0.003	0.151
R2	Stream	0.028	-	0.001	0.034
R3	Stream	0.053	-	0.003	0.102
R4	Stream	0.156	-	0.013	0.256

* Single applications are marked.
** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

Table 8.9-677: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.161	-	0.071	3.43
D4	Pond	0.771	-	0.767	5.90
D4	Stream	0.005 *	-	<0.001	0.347
D5	Pond	0.830	-	0.829	6.65
D5	Stream	0.008 *	-	<0.001	0.173
R1	Pond	0.605	-	0.603	4.74
R1	Stream	0.002 *	-	<0.001	0.294
R2	Stream	0.003 *	-	<0.001	0.239
R3	Stream	0.046 *	-	0.006	0.840
R4	Stream	0.121	-	0.005	0.447

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-678: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.150 *	-	0.062	1.88
D4	Pond	0.183	-	0.174	1.54
D4	Stream	0.003 *	-	<0.001	0.156
D5	Pond	0.275	-	0.275	2.12
D5	Stream	0.010 *	-	0.003	0.545
R1	Pond	0.168	-	0.167	1.58
R1	Stream	0.001 *	-	<0.001	0.139
R2	Stream	0.001 *	-	<0.001	0.163
R3	Stream	0.305	-	0.038	1.34
R4	Stream	0.076	-	0.005	0.246

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-679: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.121	-	0.053	2.55
D4	Pond	0.577	-	0.575	4.43
D4	Stream	0.004 *	-	<0.001	0.270
D5	Pond	0.629	-	0.628	5.04
D5	Stream	0.006 *	-	<0.001	0.152
R1	Pond	0.457	-	0.455	3.56
R1	Stream	0.006	-	<0.001	0.200
R2	Stream	0.002 *	-	<0.001	0.187

R3	Stream	0.034 *	-	0.005	0.616
R4	Stream	0.129	-	0.005	0.253

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-680: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.113 *	-	0.042	1.33
D4	Pond	0.152	-	0.146	1.22
D4	Stream	0.002 *	-	<0.001	0.102
D5	Pond	0.206	-	0.205	1.58
D5	Stream	0.007 *	-	0.002	0.362
R1	Pond	0.126	-	0.126	1.19
R1	Stream	<0.001 *	-	<0.001	0.105
R2	Stream	0.001 *	-	<0.001	0.103 *
R3	Stream	0.033 *	-	0.003	0.412 *
R4	Stream	0.094	-	0.009	0.233

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-681: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.011 *	-	0.005	0.265
D3	Ditch 2nd	0.016 *	-	0.004	0.229 *
D4	Pond	0.026	-	0.025	0.197
D4	Stream	<0.001 *	-	<0.001	0.009 *
D6	Ditch	0.003	-	<0.001	0.115
R1	Pond	0.028	-	0.027	0.208

R1	Pond 2nd	0.028		-	0.027	0.223
R1	Stream	0.034		-	0.001	0.047
R1	Stream 2nd	0.050		-	0.002	0.058
R2	Stream	0.034		-	<0.001	0.058
R2	Stream 2nd	<0.001	*	-	<0.001	0.028
R3	Stream	0.065		-	0.003	0.128
R3	Stream 2nd	0.002	*	-	<0.001	0.105
R4	Stream	0.312		-	0.023	0.294
R4	Stream 2nd	0.008	*	-	<0.001	0.049

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-682: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3						
D3	Ditch	0.013	*	-	0.005	0.277
D3	Ditch 2nd	0.006		-	0.002	0.183
D4	Pond	0.026		-	0.026	0.212
D4	Stream	<0.001	*	-	<0.001	0.008
D6	Ditch	0.234		-	0.005	0.171
R1	Pond	0.044		-	0.043	0.304
R1	Pond 2nd	0.023		-	0.022	0.204
R1	Stream	0.161		-	0.007	0.666
R1	Stream 2nd	0.152		-	0.004	0.051
R2	Stream	0.028		-	0.002	0.289
R2	Stream 2nd	0.103	*	-	0.007	0.599
R3	Stream	0.136		-	0.005	0.119
R3	Stream 2nd	0.030		-	0.002	0.258
R4	Stream	0.464		-	0.036	0.486
R4	Stream 2nd	0.077		-	0.006	0.294

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-683: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.011	*	-	0.003	0.180	*
D3	Ditch 2nd	0.016	*	-	0.004	0.229	*
D4	Pond	0.016	*	-	0.016	0.122	*
D4	Stream	<0.001	*	-	<0.001	0.009	*
D6	Ditch	0.002	*	-	<0.001	0.083	*
R1	Pond	0.016	*	-	0.016	0.124	*
R1	Pond 2nd	0.016	*	-	0.016	0.128	*
R1	Stream	0.003	*	-	<0.001	0.016	*
R1	Stream 2nd	0.005	*	-	<0.001	0.023	*
R2	Stream	0.018	*	-	<0.001	0.048	*
R2	Stream 2nd	<0.001	*	-	<0.001	0.021	*
R3	Stream	0.016	*	-	<0.001	0.040	*
R3	Stream 2nd	0.002	*	-	<0.001	0.086	*
R4	Stream	0.251	*	-	0.010	0.136	*
R4	Stream 2nd	0.008	*	-	<0.001	0.028	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-684: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	0.013	*	-	0.003	0.200	*
D3	Ditch 2nd	0.005	*	-	0.001	0.112	*
D4	Pond	0.016	*	-	0.016	0.131	*
D4	Stream	<0.001	*	-	<0.001	0.004	*
D6	Ditch	0.164	*	-	0.004	0.150	*
R1	Pond	0.029	*	-	0.029	0.196	*
R1	Pond 2nd	0.014	*	-	0.014	0.125	*

R1	Stream	0.161 *	-	0.007	0.501 *
R1	Stream 2nd	0.089 *	-	0.002	0.033 *
R2	Stream	0.015 *	-	<0.001	0.157 *
R2	Stream 2nd	0.054 *	-	0.002	0.187 *
R3	Stream	0.004 *	-	<0.001	0.045 *
R3	Stream 2nd	0.030 *	-	0.002	0.233 *
R4	Stream	0.448 *	-	0.019	0.257 *
R4	Stream 2nd	0.044 *	-	0.002	0.097 *

* Single applications are marked.
** TWA interval as required by ecotox

Tobacco and Hops

Table 8.9-685: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39 -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R3	Stream	0.001 *	-	<0.001	0.052 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-686: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT02 (Hops [ID: 141] -- BBCH 37 - 79, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.211	-	0.210	1.61
R1	Stream	0.025 *	-	0.001	0.165

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-687: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.202	-	0.201	1.63
R1	Stream	0.001	-	<0.001	0.160

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

Table 8.9-688: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines I (2 x 150 gpha) -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.038	-	0.014	0.547
R1	Pond	0.060	-	0.059	0.459
R1	Stream	0.008	-	<0.001	0.041
R2	Stream	<0.001 *	-	<0.001	0.037
R3	Stream	0.002 *	-	<0.001	0.109
R4	Stream	0.057	-	0.004	0.077

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-689: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines I (2 x 150 gpha) -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.450	-	0.321	3.27
R1	Pond	0.063	-	0.062	0.473
R1	Stream	0.041 *	-	0.002	0.108
R2	Stream	<0.001 *	-	<0.001	0.065

R3	Stream	0.012	-	0.002	0.251
R4	Stream	0.009	-	<0.001	0.092

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-690: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines I (2 x 150 gpha) -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.500	-	0.342	3.37
R1	Pond	0.049	-	0.049	0.457
R1	Stream	<0.001 *	-	<0.001	0.052
R2	Stream	<0.001 *	-	<0.001	0.061
R3	Stream	0.011 *	-	0.002	0.168 *
R4	Stream	0.128	-	0.006	0.158

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-691: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines II (2 x 200 gpha) -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.050	-	0.019	0.728
R1	Pond	0.079	-	0.079	0.612
R1	Stream	0.011	-	<0.001	0.055
R2	Stream	<0.001 *	-	<0.001	0.049
R3	Stream	0.002 *	-	<0.001	0.145
R4	Stream	0.076	-	0.005	0.103

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-692: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines II (2 x 200 gpha) -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.599	-	0.426	4.35
R1	Pond	0.083	-	0.083	0.630
R1	Stream	0.055 *	-	0.003	0.143
R2	Stream	<0.001 *	-	<0.001	0.086
R3	Stream	0.016	-	0.002	0.334
R4	Stream	0.012	-	<0.001	0.123

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-693: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use vines II (2 x 200 gpha) -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.665	-	0.455	4.49
R1	Pond	0.065	-	0.065	0.609
R1	Stream	<0.001 *	-	<0.001	0.069
R2	Stream	<0.001 *	-	<0.001	0.081
R3	Stream	0.014 *	-	0.003	0.223 *
R4	Stream	0.171	-	0.008	0.211

* Single applications are marked.
** TWA interval as required by ecotox

Vines III – IV

Table 8.9-694: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU + TFS SC500 to vines III (modelling use vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.038	-	0.014	0.547
R1	Pond	0.060	-	0.060	0.460
R1	Stream	0.035	-	<0.001	0.047
R2	Stream	<0.001 *	-	<0.001	0.038
R3	Stream	0.002 *	-	<0.001	0.109
R4	Stream	0.127	-	0.008	0.122

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-695: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU + TFS SC500 to vines III (modelling use vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.395	-	0.287	3.07
R1	Pond	0.062	-	0.062	0.473
R1	Stream	0.043	-	0.003	0.112
R2	Stream	<0.001 *	-	<0.001	0.058
R3	Stream	0.027	-	0.003	0.224
R4	Stream	0.032	-	0.002	0.078

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-696: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU + TFS SC500 to vines III (modelling use vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.367 *	-	0.264	2.94
R1	Pond	0.049	-	0.049	0.457
R1	Stream	<0.001 *	-	<0.001	0.052
R2	Stream	<0.001 *	-	<0.001	0.046 *
R3	Stream	0.253	-	0.030	1.02
R4	Stream	0.048	-	0.002	0.078

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-697: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU + TFS SC500 to vines IV (modelling use vines IV [ID: 29, 40-43, 71-74, 84-87] -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.050	-	0.019	0.728
R1	Pond	0.080	-	0.079	0.614
R1	Stream	0.047	-	0.001	0.063
R2	Stream	<0.001 *	-	<0.001	0.051
R3	Stream	0.002 *	-	<0.001	0.145
R4	Stream	0.170	-	0.011	0.162

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-698: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU + TFS SC500 to vines IV (modelling use vines IV [ID: 29, 40-43, 71-74, 84-87] -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	0.770		-	0.449	4.91	
R1	Pond	0.064		-	0.064	0.636	
R1	Stream	0.404		-	0.006	0.113	
R2	Stream	<0.001	*	-	<0.001	0.062	*
R3	Stream	0.013		-	0.002	0.423	
R4	Stream	0.004	*	-	<0.001	0.097	*

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-699: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU + TFS SC500 to vines IV (modelling use vines IV [ID: 29, 40-43, 71-74, 84-87] -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D6	Ditch	0.488	*	-	0.351	3.91	
R1	Pond	0.065		-	0.065	0.609	
R1	Stream	<0.001	*	-	<0.001	0.069	
R2	Stream	<0.001	*	-	<0.001	0.062	*
R3	Stream	0.014	*	-	0.003	0.223	*
R4	Stream	0.073		-	0.003	0.111	

* Single applications are marked.

** TWA interval as required by ecotox

Vines V

Table 8.9-700: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU + TFS SC 500 to berries (modelling use vines V [ID : 27, 30, 105, 106, 197, 203] -- BBCH 40-69 -- 2×0.15 kg a.s./ha, 21d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3						
D6	Ditch	0.052		-	0.034	0.752
R1	Pond	0.063		-	0.063	0.467
R1	Stream	0.034	*	-	0.001	0.082
R2	Stream	0.004	*	-	<0.001	0.046
R3	Stream	0.004	*	-	<0.001	0.179
R4	Stream	0.045	*	-	0.003	0.063

* Single applications are marked.
** TWA interval as required by ecotox

Vines VI

Table 8.9-701: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- early, BBCH 15 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.013	-	0.005	0.184
R1	Pond	0.020	-	0.020	0.154
R1	Stream	0.012	-	<0.001	0.016
R2	Stream	<0.001 *	-	<0.001	0.013
R3	Stream	<0.001 *	-	<0.001	0.037
R4	Stream	0.042	-	0.003	0.041

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-702: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- middle, BBCH 65 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.133	-	0.097	1.03
R1	Pond	0.021	-	0.021	0.158
R1	Stream	0.014	-	<0.001	0.038
R2	Stream	<0.001 *	-	<0.001	0.019
R3	Stream	0.009	-	<0.001	0.075
R4	Stream	0.011	-	<0.001	0.026

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-703: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357261 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- late, BBCH 85 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.159 *	-	0.116	1.08
R1	Pond	0.018	-	0.018	0.155
R1	Stream	<0.001 *	-	<0.001	0.019
R2	Stream	<0.001 *	-	<0.001	0.016 *
R3	Stream	0.010 *	-	<0.001	0.070
R4	Stream	0.016	-	<0.001	0.026

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.94 Metabolite NOA 409480

Field beans I – IV

Table 8.9-704: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	<0.001 *	-	<0.001	<0.001 *
D2	Stream	<0.001 *	-	<0.001	<0.001 *
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.021 *
R1	Stream	0.006 *	-	<0.001	0.088 *
R2	Stream	0.002 *	-	<0.001	0.214 *
R3	Stream	0.007 *	-	<0.001	0.048 *
R4	Stream	0.012 *	-	0.001	0.102 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-705: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	<0.001	*	-	<0.001	<0.001	*
D2	Stream	<0.001	*	-	<0.001	<0.001	*
D3	Ditch	<0.001	*	-	<0.001	<0.001	*
D4	Pond	<0.001	*	-	<0.001	<0.001	*
D4	Stream	<0.001	*	-	<0.001	<0.001	*
D6	Ditch	<0.001	*	-	<0.001	<0.001	*
D6	Ditch 2nd	<0.001	*	-	<0.001	<0.001	*
R1	Pond	0.002	*	-	0.001	0.041	*
R1	Stream	0.004	*	-	<0.001	0.238	*
R2	Stream	<0.001	*	-	<0.001	0.689	*
R3	Stream	0.002	*	-	<0.001	0.022	*
R4	Stream	0.001	*	-	<0.001	0.110	*

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-706: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II, BBCH 19 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	<0.001	*	-	<0.001	<0.001	*
D2	Stream	<0.001	*	-	<0.001	<0.001	*
D3	Ditch	<0.001	*	-	<0.001	<0.001	*
D4	Pond	<0.001	*	-	<0.001	<0.001	
D4	Stream	<0.001		-	<0.001	<0.001	*
D6	Ditch	<0.001	*	-	<0.001	<0.001	*

D6	Ditch 2nd	<0.001	-	<0.001	<0.001 *
R1	Pond	0.001	-	0.001	0.046
R1	Stream	0.010	-	<0.001	0.212
R2	Stream	0.002	-	<0.001	0.346
R3	Stream	0.010	-	<0.001	0.059
R4	Stream	0.017	-	0.003	0.176

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-707: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 3					
D2	Ditch	<0.001 *	-	<0.001	<0.001 *
D2	Stream	<0.001 *	-	<0.001	<0.001 *
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	0.001	-	<0.001	<0.001
R1	Pond	0.002	-	0.002	0.051
R1	Stream	0.005	-	<0.001	0.216
R2	Stream	<0.001	-	<0.001	1.32
R3	Stream	0.004 *	-	<0.001	0.040
R4	Stream	0.010	-	0.002	0.194

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-708: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III, BBCH 23 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 3					

D2	Ditch	<0.001	*	-	<0.001	<0.001	*
D2	Stream	<0.001	*	-	<0.001	<0.001	*
D3	Ditch	<0.001	*	-	<0.001	<0.001	*
D4	Pond	<0.001	*	-	<0.001	<0.001	
D4	Stream	<0.001		-	<0.001	<0.001	*
D6	Ditch	<0.001	*	-	<0.001	<0.001	*
D6	Ditch 2nd	<0.001		-	<0.001	<0.001	
R1	Pond	0.001		-	<0.001	0.042	
R1	Stream	0.010		-	<0.001	0.207	
R2	Stream	0.002		-	<0.001	0.346	
R3	Stream	0.010		-	<0.001	0.058	
R4	Stream	0.016		-	0.003	0.171	

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-709: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III, BBCH 95 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	<0.001	*	-	<0.001	<0.001	*
D2	Stream	<0.001	*	-	<0.001	<0.001	*
D3	Ditch	<0.001	*	-	<0.001	<0.001	*
D4	Pond	<0.001	*	-	<0.001	<0.001	
D4	Stream	<0.001		-	<0.001	<0.001	*
D6	Ditch	<0.001	*	-	<0.001	<0.001	*
D6	Ditch 2nd	0.001		-	<0.001	<0.001	
R1	Pond	0.003		-	0.002	0.071	
R1	Stream	0.007		-	<0.001	0.330	
R2	Stream	<0.001		-	<0.001	1.17	
R3	Stream	0.004	*	-	<0.001	0.040	
R4	Stream	0.007		-	<0.001	0.195	

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-710: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV, BBCH 40 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	<0.001 *	-	<0.001	<0.001 *
D2	Stream	<0.001 *	-	<0.001	<0.001 *
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	<0.001	-	<0.001	<0.001
R1	Pond	0.002	-	0.002	0.061
R1	Stream	0.010	-	<0.001	0.302
R2	Stream	0.003	-	<0.001	0.359
R3	Stream	0.008	-	<0.001	0.034
R4	Stream	0.019	-	0.003	0.182

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-711: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	<0.001 *	-	<0.001	<0.001 *
D2	Stream	<0.001 *	-	<0.001	<0.001 *
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	<0.001	-	<0.001	<0.001
R1	Pond	0.002	-	0.002	0.051
R1	Stream	0.005	-	<0.001	0.216
R2	Stream	<0.001	-	<0.001	1.35

R3	Stream	0.009	-	<0.001	0.035
R4	Stream	0.019	-	0.003	0.182

* Single applications are marked.
** TWA interval as required by ecotox

Legumes and Sugar beets

Table 8.9-712: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes, BBCH 59 - 89 -- Legumes, BBCH 59 - 89 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D5	Pond	<0.001 *	-	<0.001	<0.001 *
D5	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	0.002	-	0.001	0.051
R1	Stream	0.010	-	<0.001	0.221
R2	Stream	0.002	-	<0.001	0.260
R3	Stream	0.004	-	<0.001	0.045
R4	Stream	0.015	-	<0.001	0.200

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-713: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes, BBCH 59 - 79 -- Legumes, BBCH 59 - 79 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D5	Pond	<0.001 *	-	<0.001	<0.001 *

D5	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	0.002	-	0.001	0.051
R1	Stream	0.010	-	<0.001	0.221
R2	Stream	0.002	-	<0.001	0.257
R3	Stream	0.004	-	<0.001	0.045
R4	Stream	0.015	-	<0.001	0.200

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-714: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 39 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001 *
R1	Pond	0.001	-	<0.001	0.028
R1	Stream	0.002	-	<0.001	0.147
R3	Stream	0.005	-	<0.001	0.171

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-715: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 40 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001 *
R1	Pond	0.004	-	0.003	0.099
R1	Stream	0.008	-	<0.001	0.716

R3	Stream	0.006	-	0.001	0.893

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-716: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, early --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.018 *
R1	Stream	0.006 *	-	<0.001	0.074 *
R3	Stream	0.007 *	-	<0.001	0.057 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-717: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, late --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
R1	Pond	0.001 *	-	0.001	0.038 *
R1	Stream	0.003 *	-	<0.001	0.226 *
R3	Stream	0.005 *	-	<0.001	0.218 *

* Single applications are marked.

** TWA interval as required by ecotox

Flower bulbs

Table 8.9-718: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.025 *
R1	Stream	0.006 *	-	<0.001	0.104 *
R2	Stream	0.002 *	-	<0.001	0.247 *
R3	Stream	0.006 *	-	<0.001	0.038 *
R4	Stream	0.010 *	-	0.001	0.093 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-719: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (middle) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.024 *
R1	Stream	0.004 *	-	<0.001	0.115 *
R2	Stream	0.001 *	-	<0.001	0.293 *
R3	Stream	0.005 *	-	<0.001	0.019 *
R4	Stream	0.001 *	-	<0.001	0.129 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-720: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
R1	Pond	0.001 *	-	<0.001	0.030 *
R1	Stream	0.003 *	-	<0.001	0.144 *
R2	Stream	0.001 *	-	<0.001	0.274 *
R3	Stream	0.005 *	-	<0.001	0.019 *
R4	Stream	0.010 *	-	0.002	0.116 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-721: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (early) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	<0.001	-	<0.001	<0.001
R1	Pond	0.001	-	0.001	0.048
R1	Stream	0.008	-	<0.001	0.215
R2	Stream	0.003	-	<0.001	0.441
R3	Stream	0.009	-	<0.001	0.061
R4	Stream	0.016	-	0.003	0.188

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-722: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (late) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
D6	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
R1	Pond	0.002	-	0.002	0.063
R1	Stream	0.005	-	<0.001	0.302
R2	Stream	0.003	-	<0.001	0.503
R3	Stream	0.009	-	<0.001	0.047
R4	Stream	0.016	-	0.003	0.188

* Single applications are marked.
** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

Table 8.9-723: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D5	Pond	<0.001 *	-	<0.001	<0.001 *
D5	Stream	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.002
R1	Stream	0.007	-	<0.001	0.010
R2	Stream	0.003	-	<0.001	0.019
R3	Stream	0.006	-	<0.001	0.009 *

R4	Stream	0.016	-	0.001	0.041

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-724: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D5	Pond	<0.001 *	-	<0.001	<0.001
D5	Stream	<0.001	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.004
R1	Stream	0.005	-	<0.001	0.007
R2	Stream	0.002	-	<0.001	0.062
R3	Stream	0.010	-	0.001	0.194
R4	Stream	0.015	-	0.001	0.057

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-725: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D5	Pond	<0.001 *	-	<0.001	<0.001 *
D5	Stream	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.002
R1	Stream	0.006	-	<0.001	0.008

R2	Stream	0.002	-	<0.001	0.015
R3	Stream	0.005 *	-	<0.001	0.007
R4	Stream	0.013	-	0.001	0.035

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-726: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001 *
D5	Pond	<0.001 *	-	<0.001	<0.001 *
D5	Stream	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.003
R1	Stream	0.003	-	<0.001	0.005
R2	Stream	<0.001	-	<0.001	0.039
R3	Stream	0.005	-	<0.001	0.104
R4	Stream	0.011	-	<0.001	0.049

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-727: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D3	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001
D6	Ditch	0.002	-	<0.001	<0.001

R1	Pond	0.002	-	0.002	0.076
R1	Pond 2nd	0.003	-	0.003	0.095
R1	Stream	0.012	-	<0.001	0.559
R1	Stream 2nd	0.008	-	<0.001	0.386
R2	Stream	0.002	-	<0.001	0.365
R2	Stream 2nd	0.001	-	<0.001	1.24
R3	Stream	0.012	-	<0.001	0.457
R3	Stream 2nd	0.009	-	0.001	0.277
R4	Stream	0.018	-	0.003	0.219
R4	Stream 2nd	0.018	-	0.002	0.126

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-728: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D3	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001
D4	Stream	<0.001	-	<0.001	<0.001 *
D6	Ditch	0.005	-	<0.001	<0.001
R1	Pond	0.003	-	0.002	0.084
R1	Pond 2nd	0.004	-	0.003	0.112
R1	Stream	0.009	-	<0.001	0.474
R1	Stream 2nd	0.008	-	<0.001	0.595
R2	Stream	0.002	-	<0.001	0.422
R2	Stream 2nd	0.003	-	<0.001	2.16
R3	Stream	0.007	-	<0.001	0.970
R3	Stream 2nd	0.007	-	<0.001	0.613
R4	Stream	0.018	-	0.003	0.311
R4	Stream 2nd	0.016	-	0.002	0.393

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-729: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D3	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	0.001 *	-	<0.001	0.036 *
R1	Pond 2nd	0.001 *	-	0.001	0.045 *
R1	Stream	0.006 *	-	<0.001	0.292 *
R1	Stream 2nd	0.004 *	-	<0.001	0.212 *
R2	Stream	0.002 *	-	<0.001	0.216 *
R2	Stream 2nd	<0.001 *	-	<0.001	0.664 *
R3	Stream	0.005 *	-	<0.001	0.249 *
R3	Stream 2nd	0.006 *	-	<0.001	0.134 *
R4	Stream	0.009 *	-	0.001	0.118 *
R4	Stream 2nd	0.010 *	-	0.001	0.064 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-730: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	<0.001 *
D3	Ditch 2nd	<0.001 *	-	<0.001	<0.001 *
D4	Pond	<0.001 *	-	<0.001	<0.001 *
D4	Stream	<0.001 *	-	<0.001	<0.001 *
D6	Ditch	0.002 *	-	<0.001	<0.001 *
R1	Pond	0.001 *	-	0.001	0.046 *
R1	Pond 2nd	0.002 *	-	0.001	0.050 *

R1	Stream	0.005 *	-	<0.001	0.289 *
R1	Stream 2nd	0.003 *	-	<0.001	0.258 *
R2	Stream	0.001 *	-	<0.001	0.235 *
R2	Stream 2nd	0.001 *	-	<0.001	1.17 *
R3	Stream	0.004 *	-	<0.001	0.329 *
R3	Stream 2nd	0.004 *	-	<0.001	0.438 *
R4	Stream	0.009 *	-	0.001	0.169 *
R4	Stream 2nd	0.008 *	-	<0.001	0.194 *

* Single applications are marked.
** TWA interval as required by ecotox

Tobacco and Hops

Table 8.9-731: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39 -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R3	Stream	0.005 *	-	<0.001	0.128 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-732: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT02 (Hops [ID: 141] -- BBCH 37 - 79, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	<0.001 *	-	<0.001	0.005
R1	Stream	0.004	-	<0.001	0.029

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-733: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	<0.001	-	<0.001	0.002
R1	Stream	0.002	-	<0.001	0.007

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

Table 8.9-734: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.002
R1	Stream	0.006	-	<0.001	0.011
R2	Stream	0.002	-	<0.001	0.019
R3	Stream	<0.001	-	<0.001	<0.001
R4	Stream	0.014	-	<0.001	0.042

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-735: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.005
R1	Stream	0.004	-	<0.001	0.027

R2	Stream	<0.001	-	<0.001	0.024
R3	Stream	0.004	-	<0.001	0.031
R4	Stream	0.007	-	<0.001	0.016

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-736: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 3					
D6	Ditch	0.001	-	<0.001	<0.001
R1	Pond	<0.001	-	<0.001	0.003
R1	Stream	0.003	-	<0.001	0.005
R2	Stream	0.001	-	<0.001	0.046
R3	Stream	0.003	-	<0.001	0.065 *
R4	Stream	0.008	-	<0.001	0.025

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-737: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC$_{sw}$ (µg/L)*	Dominant entry route	21d-PEC$_{sw,twa}$ (µg/L)**	Max PEC$_{sed}$ (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.003
R1	Stream	0.008	-	<0.001	0.015
R2	Stream	0.003	-	<0.001	0.025
R3	Stream	<0.001	-	<0.001	<0.001
R4	Stream	0.019	-	0.001	0.056

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-738: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.006
R1	Stream	0.005	-	<0.001	0.035
R2	Stream	<0.001	-	<0.001	0.031
R3	Stream	0.005	-	<0.001	0.040
R4	Stream	0.010	-	<0.001	0.021

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-739: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.002	-	<0.001	<0.001
R1	Pond	<0.001	-	<0.001	0.004
R1	Stream	0.005	-	<0.001	0.007
R2	Stream	0.002	-	<0.001	0.059
R3	Stream	0.005	-	<0.001	0.085 *
R4	Stream	0.011	-	<0.001	0.033

* Single applications are marked.
** TWA interval as required by ecotox

Vines III – IV

Table 8.9-740: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU + TFS SC 500 to vines III (modelling use vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.002
R1	Stream	0.006	-	<0.001	0.012
R2	Stream	0.002	-	<0.001	0.020
R3	Stream	<0.001	-	<0.001	<0.001
R4	Stream	0.015	-	0.001	0.044

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-741: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU + TFS SC 500 to vines III (modelling use vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.005
R1	Stream	0.004	-	<0.001	0.027
R2	Stream	<0.001	-	<0.001	0.024
R3	Stream	0.004	-	<0.001	0.036
R4	Stream	0.005	-	<0.001	0.013

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-742: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU + TFS SC 500 to vines III (modelling use vines III [ID: 38, 44, 56, 58, 69, 75, 82, 88, 95, 101, 131, 136, 138-140, 167, 168, 210, 212] -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.002	-	<0.001	<0.001
R1	Pond	<0.001	-	<0.001	0.003
R1	Stream	0.003	-	<0.001	0.005
R2	Stream	<0.001	-	<0.001	0.029
R3	Stream	0.007	-	<0.001	0.148
R4	Stream	0.006	-	<0.001	0.017

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-743: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU + TFS SC 500 to vines IV (modelling use vines IV [ID: 29, 40-43, 71-74, 84-87] -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.003
R1	Stream	0.008	-	<0.001	0.015
R2	Stream	0.003	-	<0.001	0.027
R3	Stream	<0.001	-	<0.001	<0.001
R4	Stream	0.021	-	0.001	0.058

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-744: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU + TFS SC 500 to vines IV (modelling use vines IV [ID: 29, 40-43, 71-74, 84-87] -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001	-	<0.001	0.007
R1	Stream	0.005	-	<0.001	0.035
R2	Stream	<0.001	-	<0.001	0.031
R3	Stream	0.006	-	<0.001	0.047
R4	Stream	0.007	-	<0.001	0.018

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-745: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU + TFS SC 500 to vines IV (modelling use vines IV [ID: 29, 40-43, 71-74, 84-87] -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.003	-	<0.001	<0.001
R1	Pond	<0.001	-	<0.001	0.004
R1	Stream	0.004	-	<0.001	0.007
R2	Stream	0.001	-	<0.001	0.048
R3	Stream	0.005	-	<0.001	0.085 *
R4	Stream	0.011	-	<0.001	0.026

* Single applications are marked.
** TWA interval as required by ecotox

Vines V

Table 8.9-746: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU + TFS SC 500 to berries (modelling use vines V [ID : 27, 30, 105, 106, 197, 203] -- BBCH 40-69 -- 2×0.15 kg a.s./ha, 21d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.001
R1	Stream	0.002	-	<0.001	0.005
R2	Stream	<0.001 *	-	<0.001	0.014
R3	Stream	<0.001	-	<0.001	0.001
R4	Stream	0.007	-	<0.001	0.029

* Single applications are marked.

** TWA interval as required by ecotox

Vines VI

Table 8.9-747: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- early, BBCH 15 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	<0.001
R1	Stream	0.002	-	<0.001	0.004
R2	Stream	<0.001	-	<0.001	0.007
R3	Stream	<0.001 *	-	<0.001	<0.001
R4	Stream	0.004	-	<0.001	0.015

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-748: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- middle, BBCH 65 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	0.002
R1	Stream	0.001	-	<0.001	0.009
R2	Stream	<0.001	-	<0.001	0.009
R3	Stream	0.001	-	<0.001	0.014
R4	Stream	0.001	-	<0.001	0.005

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-749: FOCUS Step 3 PEC_{sw} and PEC_{sed} for NOA 409480 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- late, BBCH 85 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	<0.001 *	-	<0.001	<0.001 *
R1	Pond	<0.001 *	-	<0.001	<0.001
R1	Stream	<0.001	-	<0.001	0.002
R2	Stream	<0.001	-	<0.001	0.011
R3	Stream	0.001	-	<0.001	0.037
R4	Stream	0.002	-	<0.001	0.006

* Single applications are marked.
** TWA interval as required by ecotox

8.9.2.95 Metabolite CGA 357276

Field beans I – IV

Table 8.9-750: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT00 (field beans I -- field beans (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.002 *	-	0.001	0.499 *
D2	Stream	0.002 *	-	<0.001	0.015 *
D3	Ditch	<0.001 *	-	<0.001	0.392 *
D4	Pond	0.004 *	-	0.004	0.436 *
D4	Stream	<0.001 *	-	<0.001	0.010 *
D6	Ditch	<0.001 *	-	<0.001	0.190 *
D6	Ditch 2nd	<0.001 *	-	<0.001	0.132 *
R1	Pond	0.004 *	-	0.004	0.413 *
R1	Stream	0.003 *	-	<0.001	0.401 *
R2	Stream	<0.001 *	-	<0.001	0.732 *
R3	Stream	0.003 *	-	<0.001	0.172 *

R4	Stream	0.005	*	-	<0.001	0.459	*

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-751: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to leafy vegetables, ornamentals, flower bulbs (simulated use PMT01 (field beans I -- field beans (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	0.038	*	-	0.037	2.28	*
D2	Stream	0.032	*	-	0.031	2.01	*
D3	Ditch	0.002	*	-	0.001	0.677	*
D4	Pond	0.004	*	-	0.004	0.409	*
D4	Stream	<0.001	*	-	<0.001	0.034	*
D6	Ditch	0.015	*	-	0.012	1.75	*
D6	Ditch 2nd	0.003	*	-	0.002	0.618	*
R1	Pond	0.004	*	-	0.004	0.440	*
R1	Stream	0.002	*	-	<0.001	0.883	*
R2	Stream	<0.001	*	-	<0.001	1.68	*
R3	Stream	<0.001	*	-	<0.001	0.140	*
R4	Stream	<0.001	*	-	<0.001	0.453	*

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-752: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT02 (field beans II -- field beans II, BBCH 19 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D2	Ditch	0.002		-	0.002	0.579	
D2	Stream	0.002	*	-	<0.001	0.015	
D3	Ditch	0.001		-	<0.001	0.645	
D4	Pond	0.008		-	0.008	0.740	
D4	Stream	<0.001	*	-	<0.001	0.058	

D6	Ditch	0.008	-	0.007	1.20
D6	Ditch 2nd	<0.001	-	<0.001	0.300
R1	Pond	0.008	-	0.008	0.717
R1	Stream	0.005	-	<0.001	0.978
R2	Stream	0.001	-	<0.001	1.25
R3	Stream	0.004	-	<0.001	0.353
R4	Stream	0.008	-	0.001	0.928

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-753: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and nurseries (simulated use PMT03 (field beans II -- field beans II, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.067	-	0.066	4.25
D2	Stream	0.038	-	0.037	2.50
D3	Ditch	0.002	-	0.002	0.963
D4	Pond	0.008	-	0.008	0.726
D4	Stream	<0.001 *	-	<0.001	0.148
D6	Ditch	0.011	-	0.010	1.58
D6	Ditch 2nd	0.003	-	0.003	0.916
R1	Pond	0.008	-	0.007	0.723
R1	Stream	0.003	-	<0.001	1.04
R2	Stream	<0.001	-	<0.001	3.33
R3	Stream	0.002	-	<0.001	0.284
R4	Stream	0.005	-	<0.001	1.04

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-754: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT04 (field beans III -- field beans III, BBCH 23 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.015	-	0.014	1.67
D2	Stream	0.005	-	0.004	0.939
D3	Ditch	0.002	-	0.001	0.754
D4	Pond	0.008	-	0.008	0.740
D4	Stream	<0.001 *	-	<0.001	0.052
D6	Ditch	0.005	-	0.004	0.793
D6	Ditch 2nd	<0.001	-	<0.001	0.471
R1	Pond	0.008	-	0.008	0.714
R1	Stream	0.005	-	<0.001	0.958
R2	Stream	0.001	-	<0.001	1.25
R3	Stream	0.005	-	<0.001	0.462
R4	Stream	0.008	-	0.001	0.878

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-755: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to leafy vegetables (simulated use PMT05 (field beans III -- field beans III, BBCH 95 -- 2×0.2 kg a.s./ha, 10d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.062	-	0.061	3.80
D2	Stream	0.051	-	0.050	3.34
D3	Ditch	0.002 *	-	0.001	0.882
D4	Pond	0.007	-	0.007	0.689
D4	Stream	<0.001 *	-	<0.001	0.095 *
D6	Ditch	0.022	-	0.018	2.55
D6	Ditch 2nd	0.007	-	0.006	1.29
R1	Pond	0.007	-	0.007	0.712
R1	Stream	0.004	-	<0.001	1.36
R2	Stream	<0.001	-	<0.001	2.97

R3	Stream	0.002	-	<0.001	0.285
R4	Stream	0.004	-	<0.001	0.979

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-756: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT06 (field beans IV -- field beans IV, BBCH 40 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.029	-	0.027	2.38
D2	Stream	0.006 *	-	0.005	1.05 *
D3	Ditch	0.002	-	0.001	0.758
D4	Pond	0.008	-	0.008	0.735
D4	Stream	<0.001 *	-	<0.001	0.135
D6	Ditch	0.005	-	0.004	0.793
D6	Ditch 2nd	0.001	-	<0.001	0.487
R1	Pond	0.009	-	0.009	0.807
R1	Stream	0.005	-	<0.001	1.48
R2	Stream	0.001	-	<0.001	1.30
R3	Stream	0.004	-	<0.001	0.257
R4	Stream	0.009	-	0.001	1.02

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-757: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to beans and strawberries (simulated use PMT07 (field beans IV -- field beans IV, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D2	Ditch	0.082	-	0.059	4.79
D2	Stream	0.045	-	0.032	2.90
D3	Ditch	0.002	-	0.002	0.970
D4	Pond	0.008	-	0.008	0.734

D4	Stream	<0.001 *	-	<0.001	0.137
D6	Ditch	0.005	-	0.004	0.840
D6	Ditch 2nd	0.002	-	0.002	0.671
R1	Pond	0.008	-	0.007	0.723
R1	Stream	0.003	-	<0.001	1.04
R2	Stream	<0.001	-	<0.001	3.39
R3	Stream	0.004	-	<0.001	0.260
R4	Stream	0.009	-	0.001	1.02

* Single applications are marked.
** TWA interval as required by ecotox

Legumes and Sugar beets

Table 8.9-758: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT00 (Legumes, BBCH 59 - 89 -- Legumes, BBCH 59 - 89 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.001	-	0.001	0.687
D4	Pond	0.007	-	0.007	0.662
D4	Stream	<0.001 *	-	<0.001	0.028
D5	Pond	0.010	-	0.009	0.813
D5	Stream	<0.001 *	-	<0.001	0.161
D6	Ditch	0.001	-	0.001	0.389
R1	Pond	0.009	-	0.009	0.823
R1	Stream	0.005	-	<0.001	1.26
R2	Stream	0.001	-	<0.001	0.979
R3	Stream	0.002	-	<0.001	0.256
R4	Stream	0.007	-	<0.001	1.02

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-759: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to peas (simulated use PMT01 (Legumes, BBCH 59 - 79 -- Legumes, BBCH 59 - 79 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.001	-	0.001	0.677
D4	Pond	0.007	-	0.007	0.661
D4	Stream	<0.001 *	-	<0.001	0.030
D5	Pond	0.010	-	0.009	0.813
D5	Stream	<0.001 *	-	<0.001	0.160
D6	Ditch	0.001	-	0.001	0.389
R1	Pond	0.009	-	0.009	0.823
R1	Stream	0.005	-	<0.001	1.26
R2	Stream	<0.001	-	<0.001	1.19
R3	Stream	0.002	-	<0.001	0.256
R4	Stream	0.007	-	<0.001	1.02

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-760: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT02 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 39 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001	-	<0.001	0.452
D4	Pond	0.004	-	0.004	0.418
D4	Stream	<0.001 *	-	<0.001	0.014
R1	Pond	0.005	-	0.004	0.455
R1	Stream	0.001	-	<0.001	0.622
R3	Stream	0.002	-	<0.001	0.565

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-761: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to celeriac (simulated use PMT03 (Sugar beets, BBCH 40 - 49 (June - November) -- Sugar beets, BBCH 40 --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	0.258
D4	Pond	0.003	-	0.003	0.351
D4	Stream	<0.001 *	-	<0.001	0.031
R1	Pond	0.005	-	0.004	0.509
R1	Stream	0.004	-	<0.001	1.94
R3	Stream	0.003	-	<0.001	2.91

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-762: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT04 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, early --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	0.395 *
D4	Pond	0.004 *	-	0.004	0.409 *
D4	Stream	<0.001 *	-	<0.001	0.016 *
R1	Pond	0.004 *	-	0.004	0.410 *
R1	Stream	0.003 *	-	<0.001	0.322 *
R3	Stream	0.003 *	-	<0.001	0.227 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-763: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to chicory (simulated use PMT05 (Sugar beets, BBCH 13 - 49 -- Sugar beets, BBCH 13 - 49, late --))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	0.304 *
D4	Pond	0.003 *	-	0.003	0.387 *
D4	Stream	<0.001 *	-	<0.001	0.032 *
R1	Pond	0.004 *	-	0.004	0.424 *
R1	Stream	0.001 *	-	<0.001	0.649 *
R3	Stream	0.002 *	-	<0.001	0.771 *

* Single applications are marked.
** TWA interval as required by ecotox

Flower bulbs

Table 8.9-764: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT00 (VegBulb I [ID: 119, 121] -- VegBulb I (early) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	0.462 *
D4	Pond	0.004 *	-	0.004	0.400 *
D4	Stream	<0.001 *	-	<0.001	0.014 *
D6	Ditch	0.007 *	-	0.006	1.06 *
D6	Ditch 2nd	0.010 *	-	0.003	1.57 *
R1	Pond	0.004 *	-	0.004	0.432 *
R1	Stream	0.003 *	-	<0.001	0.462 *
R2	Stream	<0.001 *	-	<0.001	0.726 *
R3	Stream	0.003 *	-	<0.001	0.146 *
R4	Stream	0.005 *	-	<0.001	0.422 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-765: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT01 (VegBulb I [ID: 119, 121] -- VegBulb I (middle) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	0.496 *
D4	Pond	0.004 *	-	0.004	0.382 *
D4	Stream	<0.001 *	-	<0.001	0.010 *
D6	Ditch	0.029 *	-	0.025	2.81 *
D6	Ditch 2nd	0.003 *	-	0.002	0.843 *
R1	Pond	0.005 *	-	0.005	0.447 *
R1	Stream	0.002 *	-	<0.001	0.550 *
R2	Stream	<0.001 *	-	<0.001	0.742 *
R3	Stream	0.002 *	-	<0.001	0.167 *
R4	Stream	<0.001 *	-	<0.001	0.610 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-766: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT02 (VegBulb I [ID: 119, 121] -- VegBulb I (late) -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	0.513 *
D4	Pond	0.004 *	-	0.004	0.406 *
D4	Stream	<0.001 *	-	<0.001	0.010 *
D6	Ditch	0.029 *	-	0.025	2.81 *
D6	Ditch 2nd	0.003 *	-	0.002	0.843 *
R1	Pond	0.004 *	-	0.004	0.439 *
R1	Stream	0.001 *	-	<0.001	0.599 *
R2	Stream	<0.001 *	-	<0.001	0.767 *
R3	Stream	0.002 *	-	<0.001	0.167 *
R4	Stream	0.005 *	-	<0.001	0.637 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-767: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT03 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (early) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001	-	<0.001	0.472
D4	Pond	0.005	-	0.005	0.456
D4	Stream	<0.001 *	-	<0.001	0.014
D6	Ditch	0.021	-	0.019	2.44
D6	Ditch 2nd	0.004 *	-	<0.001	0.607 *
R1	Pond	0.006	-	0.006	0.534
R1	Stream	0.004	-	<0.001	0.930
R2	Stream	0.001	-	<0.001	1.36
R3	Stream	0.004	-	<0.001	0.273
R4	Stream	0.008	-	0.002	0.901

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-768: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to flower bulbs (simulated use PMT04 (VegBulb II [ID: 117, 118, 120] -- VegBulb II (late) -- 5×0.075 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001	-	<0.001	0.512
D4	Pond	0.005	-	0.004	0.461
D4	Stream	<0.001 *	-	<0.001	0.014
D6	Ditch	0.027	-	0.025	3.02
D6	Ditch 2nd	0.002	-	0.001	0.643
R1	Pond	0.005	-	0.005	0.567
R1	Stream	0.003	-	<0.001	1.30
R2	Stream	0.001	-	<0.001	1.38
R3	Stream	0.004	-	<0.001	0.270
R4	Stream	0.008	-	0.002	0.911

* Single applications are marked.
** TWA interval as required by ecotox

Pome & stone fruit and leafy vegetables

Table 8.9-769: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT00 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.023	-	0.019	9.48
D4	Pond	0.237	-	0.236	16.4
D4	Stream	0.004 *	-	<0.001	0.949
D5	Pond	0.251	-	0.250	17.4
D5	Stream	0.006 *	-	<0.001	0.515
R1	Pond	0.189	-	0.189	14.1
R1	Stream	0.004	-	<0.001	0.808
R2	Stream	0.002 *	-	<0.001	0.679
R3	Stream	0.009 *	-	0.001	2.41
R4	Stream	0.008	-	<0.001	1.17

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-770: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry, chokeberry, tree nursery (simulated use PMT01 (Pome and stone fruit 2x200 g/ha -- BBCH 12-91, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.017	-	0.015	5.29
D4	Pond	0.044	-	0.041	4.59
D4	Stream	0.002 *	-	<0.001	0.464
D5	Pond	0.077	-	0.077	5.91
D5	Stream	0.003 *	-	<0.001	1.52
R1	Pond	0.046	-	0.046	4.73
R1	Stream	0.003	-	<0.001	0.483
R2	Stream	0.001 *	-	<0.001	0.459
R3	Stream	0.005	-	0.001	2.36
R4	Stream	0.007	-	<0.001	0.744

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-771: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT02 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.017	-	0.014	7.14
D4	Pond	0.175	-	0.175	12.4
D4	Stream	0.003 *	-	<0.001	0.783
D5	Pond	0.188	-	0.188	13.2
D5	Stream	0.005 *	-	<0.001	0.448
R1	Pond	0.141	-	0.141	10.7
R1	Stream	0.003	-	<0.001	0.597
R2	Stream	0.002 *	-	<0.001	0.567

R3	Stream	0.007 *	-	<0.001	1.83
R4	Stream	0.006	-	<0.001	0.723

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-772: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to elderberry (simulated use PMT03 (Pome and stone fruit 2x150 g/ha -- BBCH 15-91, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.012	-	0.010	3.95
D4	Pond	0.038	-	0.036	3.61
D4	Stream	0.001 *	-	<0.001	0.314
D5	Pond	0.057	-	0.056	4.44
D5	Stream	0.003 *	-	<0.001	1.10
R1	Pond	0.034	-	0.034	3.58
R1	Stream	0.002	-	<0.001	0.365
R2	Stream	<0.001 *	-	<0.001	0.299
R3	Stream	0.004 *	-	<0.001	1.23
R4	Stream	0.005	-	<0.001	0.655

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-773: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT04 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, early -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.001	-	0.001	0.764
D3	Ditch 2nd	<0.001 *	-	<0.001	0.587
D4	Pond	0.007	-	0.007	0.657
D4	Stream	<0.001 *	-	<0.001	0.029
D6	Ditch	<0.001	-	<0.001	0.317
R1	Pond	0.008	-	0.008	0.766
R1	Pond 2nd	0.007	-	0.007	0.767
R1	Stream	0.006	-	<0.001	2.40
R1	Stream 2nd	0.004	-	<0.001	1.59
R2	Stream	0.001	-	<0.001	1.20
R2	Stream 2nd	<0.001	-	<0.001	3.85
R3	Stream	0.005	-	<0.001	2.07
R3	Stream 2nd	0.004	-	<0.001	1.01
R4	Stream	0.008	-	0.001	1.59
R4	Stream 2nd	0.009	-	0.001	0.850

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-774: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to lettuce, rocket (simulated use PMT05 (Vegetable leafy 2x200 g/ha -- BBCH 12-49, late -- 2×0.2 kg a.s./ha, 7d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	0.001	-	0.001	0.813
D3	Ditch 2nd	<0.001	-	<0.001	0.509
D4	Pond	0.007	-	0.006	0.654
D4	Stream	<0.001 *	-	<0.001	0.024
D6	Ditch	0.001	-	0.001	0.360
R1	Pond	0.009	-	0.009	0.850
R1	Pond 2nd	0.007	-	0.007	0.751

R1	Stream	0.005	-	<0.001	1.98
R1	Stream 2nd	0.004	-	<0.001	1.86
R2	Stream	0.001	-	<0.001	1.37
R2	Stream 2nd	0.001	-	<0.001	6.04
R3	Stream	0.004	-	<0.001	2.87
R3	Stream 2nd	0.003	-	<0.001	2.33
R4	Stream	0.008	-	0.001	2.01
R4	Stream 2nd	0.008	-	<0.001	2.17

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-775: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT06 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, early -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D3	Ditch	<0.001 *	-	<0.001	0.452 *
D3	Ditch 2nd	<0.001 *	-	<0.001	0.547 *
D4	Pond	0.004 *	-	0.004	0.409 *
D4	Stream	<0.001 *	-	<0.001	0.024 *
D6	Ditch	<0.001 *	-	<0.001	0.175 *
R1	Pond	0.004 *	-	0.004	0.457 *
R1	Pond 2nd	0.004 *	-	0.004	0.453 *
R1	Stream	0.003 *	-	<0.001	1.22 *
R1	Stream 2nd	0.002 *	-	<0.001	0.842 *
R2	Stream	<0.001 *	-	<0.001	0.696 *
R2	Stream 2nd	<0.001 *	-	<0.001	1.97 *
R3	Stream	0.002 *	-	<0.001	1.05 *
R3	Stream 2nd	0.003 *	-	<0.001	0.471 *
R4	Stream	0.004 *	-	<0.001	0.824 *
R4	Stream 2nd	0.005 *	-	<0.001	0.414 *

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-776: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to endive, lettuce, radicchio, rocket (simulated use PMT07 (Vegetable leafy 1x200 g/ha -- BBCH 12-49, late -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*		Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*	
Step 3							
D3	Ditch	<0.001	*	-	<0.001	0.491	*
D3	Ditch 2nd	<0.001	*	-	<0.001	0.288	*
D4	Pond	0.004	*	-	0.004	0.410	*
D4	Stream	<0.001	*	-	<0.001	0.010	*
D6	Ditch	0.001	*	-	<0.001	0.310	*
R1	Pond	0.005	*	-	0.005	0.531	*
R1	Pond 2nd	0.004	*	-	0.004	0.447	*
R1	Stream	0.002	*	-	<0.001	1.21	*
R1	Stream 2nd	0.002	*	-	<0.001	0.823	*
R2	Stream	<0.001	*	-	<0.001	0.750	*
R2	Stream 2nd	<0.001	*	-	<0.001	2.93	*
R3	Stream	0.002	*	-	<0.001	1.15	*
R3	Stream 2nd	0.002	*	-	<0.001	1.56	*
R4	Stream	0.004	*	-	<0.001	1.09	*
R4	Stream 2nd	0.004	*	-	<0.001	1.03	*

* Single applications are marked.

** TWA interval as required by ecotox

Tobacco and Hops

Table 8.9-777: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single application(s) of FLU+TFS SC 500 to tobacco (simulated use PMT00 (Tobacco [ID: 241] -- BBCH 11 - 39 -- 0.2 kg a.s./ha))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R3	Stream	0.002 *	-	<0.001	0.451 *

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-778: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT02 (Hops [ID: 141] -- BBCH 37 - 79, early -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.063	-	0.063	4.93
R1	Stream	0.002	-	<0.001	0.507

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-779: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to hops (simulated use PMT03 (Hops [ID: 141] -- BBCH 37 - 79, late -- 2×0.15 kg a.s./ha, 14d int.))

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
R1	Pond	0.060	-	0.059	4.95
R1	Stream	0.002	-	<0.001	0.477

* Single applications are marked.
** TWA interval as required by ecotox

Vines I – II

Table 8.9-780: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.005	-	0.005	1.48
R1	Pond	0.016	-	0.016	1.46
R1	Stream	0.003	-	<0.001	0.128
R2	Stream	<0.001	-	<0.001	0.116
R3	Stream	0.001 *	-	<0.001	0.349
R4	Stream	0.007	-	<0.001	0.253

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-781: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.084	-	0.074	8.49
R1	Pond	0.017	-	0.017	1.47
R1	Stream	0.002	-	<0.001	0.256
R2	Stream	<0.001 *	-	<0.001	0.184
R3	Stream	0.002	-	<0.001	0.681
R4	Stream	0.003	-	<0.001	0.266

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-782: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines I [ID: 24-26, 35-37, 53-55, 80, 81, 92-96, 128-130] -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 7d int.)

Scenario FOCUS	**Waterbody**	**Max PEC$_{sw}$ (µg/L)***	**Dominant entry route**	**21d-PEC$_{sw,twa}$ (µg/L)****	**Max PEC$_{sed}$ (µg/kg)***
Step 3					
D6	Ditch	0.089	-	0.077	8.60
R1	Pond	0.013	-	0.013	1.42
R1	Stream	0.002	-	<0.001	0.189
R2	Stream	<0.001	-	<0.001	0.199
R3	Stream	0.002	-	<0.001	0.519
R4	Stream	0.004	-	<0.001	0.339

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-783: FOCUS Step 3 PEC$_{sw}$ and PEC$_{sed}$ for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	**Waterbody**	**Max PEC$_{sw}$ (µg/L)***	**Dominant entry route**	**21d-PEC$_{sw,twa}$ (µg/L)****	**Max PEC$_{sed}$ (µg/kg)***
Step 3					
D6	Ditch	0.007	-	0.006	1.95
R1	Pond	0.022	-	0.022	1.94
R1	Stream	0.004	-	<0.001	0.169
R2	Stream	0.001	-	<0.001	0.153
R3	Stream	0.002 *	-	<0.001	0.461
R4	Stream	0.009	-	<0.001	0.333

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-784: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.115	-	0.100	11.2
R1	Pond	0.023	-	0.023	1.95
R1	Stream	0.003	-	<0.001	0.339
R2	Stream	<0.001 *	-	<0.001	0.243
R3	Stream	0.003	-	<0.001	0.902
R4	Stream	0.005	-	<0.001	0.353

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-785: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to berries (modelling use Vines II [ID: 21-23, 28, 31-37, 39, 45, 53-55, 57, 59, 63-67, 70, 76-78, 83, 89-91, 102-104, 165, 166, 191-196, 198, 204, 211, 213, 125-127, 132, 134, 135, 137] -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 7d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.121	-	0.105	11.4
R1	Pond	0.017	-	0.017	1.88
R1	Stream	0.002	-	<0.001	0.249
R2	Stream	<0.001	-	<0.001	0.261
R3	Stream	0.003	-	<0.001	0.684
R4	Stream	0.005	-	<0.001	0.450

* Single applications are marked.
** TWA interval as required by ecotox

Vines III – IV

Table 8.9-786: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU + TFS SC 500 to vines III (modelling use vines I (2 x 150 gpha) -- early, BBCH 15 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.005	-	0.005	1.48
R1	Pond	0.017	-	0.016	1.47
R1	Stream	0.003	-	<0.001	0.134
R2	Stream	<0.001	-	<0.001	0.132
R3	Stream	0.001 *	-	<0.001	0.349
R4	Stream	0.007	-	<0.001	0.284

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-787: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU + TFS SC 500 to vines III (modelling use vines I (2 x 150 gpha) -- middle, BBCH 65 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.080	-	0.070	8.34
R1	Pond	0.017	-	0.017	1.48
R1	Stream	0.002	-	<0.001	0.258
R2	Stream	<0.001 *	-	<0.001	0.177
R3	Stream	0.002	-	<0.001	0.647
R4	Stream	0.002	-	<0.001	0.247

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-788: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU + TFS SC 500 to vines III (modelling use vines I (2 x 150 gpha) -- late, BBCH 89 -- 2×0.15 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	0.078	-	0.069	8.09
R1	Pond	0.013	-	0.013	1.42
R1	Stream	0.002	-	<0.001	0.187
R2	Stream	<0.001 *	-	<0.001	0.150
R3	Stream	0.004	-	<0.001	1.52
R4	Stream	0.003	-	<0.001	0.253

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-789: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU + TFS SC 500 to vines IV (modelling use vines II (2 x 200 gpha) -- early, BBCH 15 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	**Waterbody**	**Max PEC_{sw} (µg/L)***	**Dominant entry route**	**21d-$PEC_{sw,twa}$ (µg/L)****	**Max PEC_{sed} (µg/kg)***
Step 3					
D6	Ditch	0.007	-	0.006	1.95
R1	Pond	0.022	-	0.022	1.94
R1	Stream	0.004	-	<0.001	0.177
R2	Stream	0.001	-	<0.001	0.174
R3	Stream	0.002 *	-	<0.001	0.461
R4	Stream	0.010	-	<0.001	0.375

* Single applications are marked.

** TWA interval as required by ecotox

Table 8.9-790: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU + TFS SC 500 to vines IV (modelling use vines II (2 x 200 gpha) -- middle, BBCH 65 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.109	-	0.096	11.0
R1	Pond	0.023	-	0.023	1.95
R1	Stream	0.003	-	<0.001	0.341
R2	Stream	<0.001 *	-	<0.001	0.234
R3	Stream	0.003	-	<0.001	0.856
R4	Stream	0.003	-	<0.001	0.326

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-791: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU + TFS SC 500 to vines IV (modelling use vines II (2 x 200 gpha) -- late, BBCH 89 -- 2×0.2 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.106	-	0.093	10.7
R1	Pond	0.017	-	0.017	1.88
R1	Stream	0.002	-	<0.001	0.247
R2	Stream	<0.001	-	<0.001	0.227
R3	Stream	0.003	-	<0.001	0.684
R4	Stream	0.005	-	<0.001	0.350

* Single applications are marked.
** TWA interval as required by ecotox

Vines V

Table 8.9-792: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU + TFS SC 500 to berries (modelling use vines V [ID : 27, 30, 105, 106, 197, 203] -- BBCH 40-69 -- 2×0.15 kg a.s./ha, 21d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	0.015	-	0.013	2.26
R1	Pond	0.018	-	0.018	1.49
R1	Stream	0.001	-	<0.001	0.235
R2	Stream	<0.001 *	-	<0.001	0.154
R3	Stream	0.002 *	-	<0.001	0.557
R4	Stream	0.003	-	<0.001	0.191

* Single applications are marked.

** TWA interval as required by ecotox

Vines VI

Table 8.9-793: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- early, BBCH 15 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.002	-	0.002	0.509
R1	Pond	0.005	-	0.005	0.504
R1	Stream	<0.001	-	<0.001	0.046
R2	Stream	<0.001	-	<0.001	0.046
R3	Stream	<0.001 *	-	<0.001	0.121
R4	Stream	0.002	-	<0.001	0.098

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-794: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- middle, BBCH 65 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					
D6	Ditch	0.025	-	0.022	2.87
R1	Pond	0.005	-	0.005	0.507
R1	Stream	<0.001	-	<0.001	0.088
R2	Stream	<0.001 *	-	<0.001	0.061
R3	Stream	<0.001	-	<0.001	0.222
R4	Stream	<0.001	-	<0.001	0.085

* Single applications are marked.
** TWA interval as required by ecotox

Table 8.9-795: FOCUS Step 3 PEC_{sw} and PEC_{sed} for CGA 357276 following single/multiple application(s) of FLU+TFS SC 500 to grapes (modelling use vines VI [ID: 138-140] -- late, BBCH 85 -- 2×0.05 kg a.s./ha, 14d int.)

Scenario FOCUS	Waterbody	Max PEC_{sw} (µg/L)*	Dominant entry route	21d-$PEC_{sw,twa}$ (µg/L)**	Max PEC_{sed} (µg/kg)*
Step 3					

D6	Ditch	0.031	-	0.027	3.15
R1	Pond	0.004	-	0.004	0.496
R1	Stream	<0.001	-	<0.001	0.071
R2	Stream	<0.001 *	-	<0.001	0.052
R3	Stream	<0.001	-	<0.001	0.261
R4	Stream	<0.001	-	<0.001	0.088

* Single applications are marked.

** TWA interval as required by ecotox

8.9.2.96 PEC$_{sw/sed}$ of FLU + TFS SC 500

PEC$_{sw}$ for formulations are based on Ganzelmeier data covering the respective crops (fruit crops, field crops, vines and hops) and the number of applications. All loadings are considered to occur in a single pseudo-application reaching the standard static ditch (width 1 m, depth 30 cm, sediment depth 5 cm, and sediment density 0.8 kg/L). Since no degradation data is available for the product, no TWA concentrations can be calculated.

PEC$_{sw}$ are calculated for the worst case use rates of FLU+TFS SC 500 (250+250) in fruit crops, early (2 × 0.8 L product/ha covering orchards and berries), in field crops (2 × 0.8 L product/ha and 5 × 0.3 L product/ha covering the use in flower bulbs), in vines (2 × 0.8 L product/ha) and in hops (2 × 0.6 L product/ha).

Table 8.9-796: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to fruit crops, early (2 × 0.8 L product/ha, product density: 1.174 kg/L)

PEC$_{sw}$ (µg/L)	Distance (m)				
	3	5	10	15	20
0% drift reduction	159.852	105.629	60.171	35.126	16.217
50% drift reduction	79.926	52.814	30.086	17.563	8.108
75% drift reduction	39.963	26.407	15.043	8.782	4.054
90% drift reduction	15.985	10.563	6.017	3.513	1.622

Table 8.9-797: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to fruit crops, early (2 × 0.8 L product/ha, product density: 1.174 kg/L) (contd.)

PEC$_{sw}$ (µg/L)	Distance (m)				
	30	50	75		
0% drift reduction	5.447	1.377	0.438		
50% drift reduction	2.724	0.689	0.219		
75% drift reduction	1.362	0.344	0.110		
90% drift reduction	0.545	0.138	0.044		

Table 8.9-798: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to field crops (2 ×0.8 L product/ha, product density: 1.174 kg/L)

PEC$_{sw}$ (µg/L)	Distance (m)				
	1	**5**	**10**	**15**	**20**
0% drift reduction	14.902	2.943	1.503	1.002	0.751
50% drift reduction	7.451	1.471	0.751	0.501	0.376
75% drift reduction	3.725	0.736	0.376	0.250	0.188
90% drift reduction	1.490	0.294	0.150	0.100	0.075

Table 8.9-799: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to field crops (2 ×0.8 L product/ha, product density: 1.174 kg/L) (contd.)

PEC$_{sw}$ (µg/L)	Distance (m)				
	30				
0% drift reduction	0.501				
50% drift reduction	0.250				
75% drift reduction	0.125				
90% drift reduction	0.050				

Table 8.9-800: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to field crops (5 ×0.3 L product/ha, product density: 1.174 kg/L)

PEC$_{sw}$ (µg/L)	Distance (m)				
	1	**5**	**10**	**15**	**20**
0% drift reduction	10.273	2.113	1.057	0.704	0.528
50% drift reduction	5.136	1.057	0.528	0.352	0.264
75% drift reduction	2.568	0.528	0.264	0.176	0.132
90% drift reduction	1.027	0.211	0.106	0.070	0.053

Table 8.9-801: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to field crops (5 ×0.3 L product/ha, product density: 1.174 kg/L) (contd.)

PEC$_{sw}$ (µg/L)	Distance (m)				
	30				
0% drift reduction	0.352				
50% drift reduction	0.176				
75% drift reduction	0.088				
90% drift reduction	0.035				

Table 8.9-802: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to vines (2 ×0.8 L product/ha, product density: 1.174 kg/L)

PEC$_{sw}$ (µg/L)	Distance (m)				
	3	**5**	**10**	**15**	**20**
0% drift reduction	45.269	20.161	6.700	3.506	2.254
50% drift reduction	22.635	10.081	3.350	1.753	1.127
75% drift reduction	11.317	5.040	1.675	0.877	0.564
90% drift reduction	4.527	2.016	0.670	0.351	0.225

Table 8.9-803: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to vines (2 ×0.8 L product/ha, product density: 1.174 kg/L) (contd.)

PEC$_{sw}$ (µg/L)	Distance (m)				
	30	**50**			
0% drift reduction	1.190	0.501			
50% drift reduction	0.595	0.250			
75% drift reduction	0.297	0.125			
90% drift reduction	0.119	0.050			

Table 8.9-804: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to hops (2 × 0.6 L product/ha, product density: 1.174 kg/L)

PEC$_{sw}$ (µg/L)	Distance (m)				
	3	**5**	**10**	**15**	**20**
0% drift reduction	83.260	45.082	19.629	12.069	5.682
50% drift reduction	41.630	22.541	9.815	6.034	2.841
75% drift reduction	20.815	11.270	4.907	3.017	1.421
90% drift reduction	8.326	4.508	1.963	1.207	0.568

Table 8.9-805: PEC$_{sw}$ via spray drift for FLU+TFS SC 500 (250+250) following application to hops (2 × 0.6 L product/ha, product density: 1.174 kg/L) (contd.)

PEC$_{sw}$ (µg/L)	Distance (m)				
	30	**50**			
0% drift reduction	1.784	0.423			
50% drift reduction	0.892	0.211			
75% drift reduction	0.446	0.106			
90% drift reduction	0.178	0.042			

zRMS comments:

Evaluator agrees with modelling carried out by applicant for trifloxystrobin and its metabolites for proposed GAP.
Simulations were performed according to FOCUS recommendations at Steps 1-4.
The input parameters used for surface water calculation were established in EFSA Journal 2017;15(10):498.
Simulations PECsw were performed for ~~foramsulfuron~~ fluopyram according EFSA Journal 2013;11(4):3052.
Interception is appropriate to the proposed BBCH of crops (EFSA guidance was published, (2014;12(5):3662).
In simulations PUF value of 0 was assumed for all compounds, in line with recommendations of the most recent version of the FOCUS Groundwater Guidance.
Calculation of PECsw for formulation was accepted by zRMS.

Nevertheless, additional simulations may be required by the sMS that do not accept calculations performed using Focus models.

8.10 Fate and behaviour in air (KCP 9.3, KCP 9.3.1)

Fate and behaviour of fluopyram in air

For the Renewal of Authorisations according to Article 43 of Regulation (EC) No 1107/2009, the following guidance is given in the Document SANCO/2010/13170 for products containing two or more active substances:

- "when the 1st substance is renewed- there is no need to evaluate data related to the 2nd substance"
- "once the 2nd substance is renewed- there is no need to evaluate data related to the 1st substance because this has already been performed in the frame of the re-authorisation of the PPP following the renewal of the 1st active substance"
- "Where necessary a combitox assessment should be performed."

In consequence, Fluopyram is not considered in this section as this would be out of scope of SANCO/2010/13170

Fate and behaviour of trifloxystrobin in air

The fate of trifloxystrobin in air has been evaluated; full details of these studies are provided in the respective RAR and related documents and summarised in the EFSA conclusion (EFSA Journal 2017;15(10):4989); no additional studies are submitted within this dRR.

Table 8.10-1: Summary of atmospheric degradation and behaviour

Compound	**Trifloxystrobin**	**Evaluated on EU level y/n/ Reference**
Direct photolysis in air	Not studied - no data required.	y/ EFSA, 2017
Quantum yield of direct phototransformation	Not studied - no data required.	y/ EFSA, 2017
Photochemical oxidative degradation in air	DT_{50} (d): 1.5 – 2 (derived by the Atkinson model).	y/ EFSA, 2017
Volatilisation	From plant surfaces (BBA guideline): 10 – 15% of applied radioactivity lost after 24 hours. Experimentally not studied from soil - no data required. Vapour pressure (Pa) at 25°C: 3.4×10^{-6} (99.7% purity) Henry's Law Constant (Pa m^3/mol) at 25°C: 2.3×10^{-3}	y/ EFSA, 2017
Metabolites	**Metabolite CGA 107170**	
Photochemical oxidative degradation in air	DT_{50} (d): 23.3 for metabolite CGA 107170 (derived by the Atkinson model)	y/ EFSA, 2017

Volatilisation	Experimentally not studied - no data required Vapour pressure (Pa) at 25°C: 35 (99.6% purity) Henry's Law Constant (Pa m^3/mol) at 25°C: 10.6	y/ EFSA, 2017

The vapour pressure at 20 °C of the active substance trifloxystrobin is < 10^{-5} Pa. Hence the active substance trifloxystrobin is regarded as non-volatile from soil and plant surfaces. Therefore, exposure of adjacent surface waters and terrestrial ecosystems by the active substance trifloxystrobin due to volatilization with subsequent deposition is not expected.

Vapour pressure and Henry's Law Constant of the aqueous phototransformation metabolite CGA 107170 are very high. Hence it is regarded highly volatile from soil and water (air is regarded as the sink for this metabolite), and exposure of adjacent surface waters and terrestrial ecosystems by CGA 107170 due to deposition is not expected.

zRMS comments: Accepted

Appendix 1 Lists of data considered in support of the evaluation

Tables considered not relevant can be deleted as appropriate.

MS to blacken authors of vertebrate studies in the version made available to third parties/public.

List of data submitted by the applicant and relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 9.1.3 / 01	Reinken, G.; Zerbe, P.; Boiselle, N.	2019	Trifloxystrobin (TFS): Core PECsoil EUR - Modelling core info document for soil risk assessment in Europe Report No.: EnSa-19-0397, Edition Number: M-670830-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.1.3 / 02	Reinken, G.; Porschewski, R.	2020	Trifloxystrobin (TFS) and metabolites - PECsoil EUR - Use in field and fruit crops in Europe Report No.: EnSa-20-0068, Edition Number: M-682690-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	**Author(s)**	**Year**	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	**Vertebrate study Y/N**	**Owner**
KCP 9.2.4.1 / 01	Reinken, G.; Zerbe, P.; Boiselle, N.	2019	Trifloxystrobin (TFS): Core PECgw EUR - Modelling core info document for groundwater risk assessment in Europe Report No.: EnSa-19-0398, Edition Number: M-670758-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.4.1 / 02	Reinken, G.; Tamazashvili, A.	2020	Trifloxystrobin (TFS) and metabolites: PECgw FOCUS PEARL, PELMO EUR - Use in field beans in Europe Report No.: EnSa-20-0002, Edition Number: M-680784-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.4.1 / 03	Reinken, G.; Tamazashvili, A.	2020	Trifloxystrobin (TFS) and metabolites: PECgw FOCUS PEARL, PELMO EUR - Use in beans (vegetables) in Europe Report No.: EnSa-20-0022, Edition Number: M-680787-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.4.1 / 04	Reinken, G.; Lyu, A.	2020	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in peas and sugar beets in Europe Report No.: EnSa-19-0724, Edition Number: M-680530-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	Author(s)	Year	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	Vertebrate study Y/N	Owner
KCP 9.2.4.1 / 05	Reinken, G.; Lyu, A.	2020	Trifloxystrobin (TFS) and metabolites: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in onions in Europe Report No.: EnSa-19-0695, Edition Number: M-680527-02-1 Bayer AG, Crop Science Division, Monheim, Germany **... amended: 2020-03-26** GLP/GEP: No unpublished	N	Bayer
~~KCP 9.2.4.1 / 06~~	~~Reinken, G.; Lyu, A.~~	~~2019~~	~~Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in grass in Europe~~ ~~Report No.: EnSa-19-0666, Edition Number: M-680525-01-1~~ ~~Bayer AG, Crop Science Division, Monheim, Germany~~ ~~GLP/GEP: No~~ ~~unpublished~~	~~N~~	~~Bayer~~
KCP 9.2.4.1 / 07	Reinken, G.; Lyu, A.	2020	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in apples in Europe Report No.: EnSa-19-0713, Edition Number: M-680424-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.4.1 / 08	Reinken, G.; Lyu, A.	2020	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in cabbage in Europe Report No.: EnSa-19-0716, Edition Number: M-680422-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	**Author(s)**	**Year**	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	**Vertebrate study Y/N**	**Owner**
KCP 9.2.4.1 / 09	Reinken, G.; Mai, T.	2020	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO EUR - Use in strawberries and tobacco in Europe Report No.: EnSa-19-0684, Edition Number: M-680420-01-2 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.4.1 / 10	Reinken, G.; Lyu, A.	2020	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in vines in Europe Report No.: EnSa-20-0040, Edition Number: M-680533-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.4.1 / 11	Reinken, G.; Lyu, A.	2020	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO EUR - Use in bushberries in Europe Report No.: EnSa-20-0033, Edition Number: M-680532-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 01	Kley, C.	2013	Fluopyram Core PECsw FOCUS EU + NL: Modelling core info for surface water exposure risk assessment in European countries including the Netherlands - Fluopyram (AE C656948, FLU) Report No.: EnSa-13-0445, Edition Number: M-466153-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	**Author(s)**	**Year**	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	**Vertebrate study** **Y/N**	**Owner**
KCP 9.2.5 / 02	Kley, C.; Tamazashvili, A.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in field beans in Europe Report No.: EnSa-20-0059, Edition Number: M-682686-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
~~KCP 9.2.5 / 03~~	~~Kley, C.; Lyu, A.~~	~~2020~~	~~Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in grass in Europe~~ ~~Report No.: EnSa-19-0696, Edition Number: M-680561-01-1~~ ~~Bayer AG, Crop Science Division, Monheim, Germany~~ ~~GLP/GEP: No~~ ~~unpublished~~	~~N~~	~~Bayer~~
KCP 9.2.5 / 04	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in legumes and sugar beets in Europe Report No.: EnSa-19-0722, Edition Number: M-682739-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 05	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in onions in Europe Report No.: EnSa-19-0728, Edition Number: M-682732-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 06	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in pome and stone fruit in Europe Report No.: EnSa-19-0720, Edition Number: M-682744-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	**Author(s)**	**Year**	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	**Vertebrate study Y/N**	**Owner**
KCP 9.2.5 / 07	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vegetables leafy in Europe Report No.: EnSa-19-0721, Edition Number: M-682736-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 08	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in tobacco and hops in Europe Report No.: EnSa-19-0725, Edition Number: M-682733-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 09	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines I & II in Europe Report No.: EnSa-19-0717, Edition Number: M-682726-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 10	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines III & IV in Europe Report No.: EnSa-19-0718, Edition Number: M-682728-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 11	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines V in Europe Report No.: EnSa-19-0719, Edition Number: M-682730-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	**Author(s)**	**Year**	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	**Vertebrate study** **Y/N**	**Owner**
KCP 9.2.5 / 12	Kley, C.; Srinivasan, P.	2020	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines VI in Europe Report No.: EnSa-20-0092, Edition Number: M-682731-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 13	Reinken, G.; Zerbe, P.; Boiselle, N.	2019	Trifloxystrobin (TFS): Core PECsw EUR - Modelling core info document for surface water risk assessment in Europe Report No.: EnSa-19-0399, Edition Number: M-670781-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 14	Reinken, G.; Tamazashvili, A.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in field beans in Europe Report No.: EnSa-20-0003, Edition Number: M-682699-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
~~KCP 9.2.5 / 15~~	~~Reinken, G.;~~ ~~Lyu, A.~~	~~2019~~	~~Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in grass in Europe~~ ~~Report No.: EnSa-19-0680, Edition Number: M-680534-02-1~~ ~~Bayer AG, Crop Science Division, Monheim, Germany~~ ~~GLP/GEP: No~~ ~~unpublished~~	~~N~~	~~Bayer~~
KCP 9.2.5 / 16	Reinken, G.; Mai, T.	2019	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in legumes and sugar beets in Europe Report No.: EnSa-19-0709, Edition Number: M-680429-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	**Author(s)**	**Year**	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	**Vertebrate study** **Y/N**	**Owner**
KCP 9.2.5 / 17	Reinken, G.; Lyu, A.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vegetables bulb in Europe Report No.: EnSa-19-0697, Edition Number: M-680556-02-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 18	Reinken, G.; Mai, T.; Tamazashvili, A.	2019	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in pome and stone fruit and vegetables leafy in Europe Report No.: EnSa-19-0704, Edition Number: M-680627-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 19	Reinken, G.; Tamazashvili, A.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in pome and stone fruit in Europe Report No.: EnSa-20-0036, Edition Number: M-682707-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 20	Reinken, G.; Srinivasan, P.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in tobacco and hops in Europe Report No.: EnSa-20-0016, Edition Number: M-682844-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 21	Reinken, G.; Srinivasan, P.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines I & II in Europe Report No.: EnSa-20-0007, Edition Number: M-682831-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

Data point	**Author(s)**	**Year**	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	**Vertebrate study** **Y/N**	**Owner**
KCP 9.2.5 / 22	Reinken, G.; Srinivasan, P.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines III & IV in Europe Report No.: EnSa-20-0010, Edition Number: M-682833-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 23	Reinken, G.; Srinivasan, P.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines V in Europe Report No.: EnSa-20-0013, Edition Number: M-682835-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer
KCP 9.2.5 / 24	Reinken, G.; Srinivasan, P.	2020	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines VI in Europe Report No.: EnSa-20-0077, Edition Number: M-682837-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	N	Bayer

List of data submitted or referred to by the applicant and relied on, but already evaluated at EU peer review

Please note that all data mentioned as part of DAR, RAR, or EFSA journals are considered as relied on

Trifloxystrobin

DAR, 2000 & RAR, 2017 – Draft (Renewal) Assessment Report prepared according to the Commission Regulation (EU) N° 1107/2009 for trifloxystrobin – July 2017

EFSA, 2017 Conclusion on the peer review of the pesticide risk assessment of the active substance trifloxystrobin. EFSA Journal 2017;15(10):4989

SANTE/10107/2018 of 25 May 2018 - Final Renewal report for the active substance trifloxystrobin finalised in the Standing Committee on Plants, Animals, Food and Feed at its meeting on 25 May 2018 in view of the renewal of the approval of trifloxystrobin as active substance in accordance with Regulation (EC) No 1107/2009

COMMISSION IMPLEMENTING REGULATION (EU) 2018/1060 of 26 July 2018 renewing the approval of the active substance trifloxystrobin in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market and amending the Annex to Commission Implementing Regulation (EU) No 540/2011. http://ec.europa.eu/sanco_pesticides/public/index.cfm?event=activesubstance.selection

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCA 7.1.1.1 /01 KCA 7.1.2.1.1 /01 KCA 7.1.2.1.2 /01	Schaeffer, A.	1997	Degradation of glyoxyl-phenyl-(U)-14C]-CGA 279202 in Gartenacker soil under aerobic and sterile / aerobic conditions at 20 degrees centigrade Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 95AS02, Edition Number: M-033008-01-1 Date: 1997-07-09 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.1 /02 KCA 7.1.2.1.1 /02 KCA 7.1.2.1.2 /02	Schaeffer, A.	1997	Degradation of CF3-phenyl-(U)-14C]-CGA 279202 in Gartenacker soil under aerobic conditions at 20 degrees centigrade Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 95AS04, Edition Number: M-033147-01-1 Date: 1997-08-08 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.1 /03 KCA 7.1.2.1.1 /03 KCA 7.1.2.1.2 /03	Fackler, P. H.	1997	Metabolism of phenyl-(A)-U-14C-CGA 279202 in a typical loam soil under aerobic conditions Springborn Laboratories, Inc., Wareham, MA, USA Bayer CropScience, Report No.: 1781.1295.6518.760, Edition Number: M-033394-01-1 EPA MRID No.: 44496731 Date: 1997-09-26 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.1 /04 KCA 7.1.2.1.1 /04 KCA 7.1.2.1.2 /04	Kitschmann, P.	1997	Degradation of (U)-phenyl-glyoxylate-labeled CGA 279202 in soil under various conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 94PK03, Edition Number: M-033459-01-1 Date: 1997-03-05 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.1 /05 KCA 7.1.2.1.1 /05 KCA 7.1.2.1.2 /05	Kitschmann, P.	1997	Degradation of (U)-phenyl-glyoxylate-labeled CGA 279202 in various soils under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience,	N	Bayer

Data point	Author(s)	Year	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	Vertebrate study Y/N	Owner
			Report No.: 95PK01, Edition Number: M-033453-01-1 Date: 1997-03-21 GLP/GEP: yes, unpublished		
KCA 7.1.1.1 /06 KCA 7.1.4.2 /01	Heim, L. G.; Velagaleti, R.	1997	Mobility and degradation of [phenyl(A)-U-14C]CGA 279202 as determined using field lysimeters ABC Laboratories, Inc., Columbia, MO, USA Bayer CropScience, Report No.: ABC41925, Edition Number: M-033705-01-1 EPA MRID No.: 44496814 Date: 1997-12-12 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.1 /07 KCA 3.6 /06 KCA 7.1.4.2 /02	Nicollier, G.	1998	(Glyoxyl-Phenyl-(U)14C)-CGA 279202: mobility and degradation in soil in outdoor lysimeters Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 97GN01, Edition Number: M-051722-04-1 Date: 1998-10-08 **...Amended: 2001-07-13** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.1 /08 KCA 7.1.2.2.1 /12 KCA 7.1.4.3 /09	Gross, D.	1997	Field dissipation of CGA 279202 after bareground application of (CF3-phenyl-(U)-14C) labelled CGA 279202 Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 94DG52, Edition Number: M-033523-02-1 Date: 1997-12-08 **...Amended: 1998-01-06** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.2 /01 KCA 7.1.2.1.3 /01 KCA 7.1.2.1.4 /01	Fathulla, R. N.	1996	Anaerobic aquatic metabolism of (U)14-C-phenyl-glyoxylat CGA 279202 in a loamy sand soil / water system Hazleton Laboratories America, Inc., Madison, WI, USA Bayer CropScience, Report No.: HWI6117-266, Edition Number: M-033427-01-1 EPA MRID No.: 44496733	N	Bayer

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			Date: 1996-11-13 GLP/GEP: yes, unpublished		
KCA 7.1.1.3 /01	Kitschmann, P.	1997	Soil photolysis of (U)-14C-phenyl-glyoxylate-labeled CGA 279202 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96PK01, Edition Number: M-033410-01-1 Date: 1997-09-29 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.3 /02	Kitschmann, P.	1997	Soil photolysis of (trifluormethyl-phenyl-(U)-14C) labeled CGA 279202 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96PK02, Edition Number: M-033420-01-1 Date: 1997-10-02 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.3 /03	Cohen, S. M.	1997	Photodegradation of [Phenyl-(B)-U-14C]-CGA 279202 on a loamy sand under artificial sunlight irradiation Pittsburgh Environmental Research Laboratory, Inc., Pittsburgh, PA, USA Bayer CropScience, Report No.: 31-95, Edition Number: M-049459-01-1 EPA MRID No.: 44496729 Date: 1997-12-17 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.1.3 /04	Stroech, K.; Junge, T.	2013	[Benzeneacetic-phenyl-UL-14C]Trifloxystrobin: Phototransformation on soil Bayer CropScience, Report No.: EnSa-12-0699, Edition Number: M-462074-01-1 Date: 2013-08-16 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2 /01	Reinken, G.; Kaune, M.; Bolekhan, A.	2013	Derivation of kinetic input parameter of trifloxystrobin and its metabolites for soil risk assessment in the EU Bayer CropScience, Report No.: EnSa-13-0895,	N	Bayer

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			Edition Number: M-469501-01-1 Date: 2013-11-12 GLP/GEP: no, unpublished		
KCA 7.1.2 /02	Reinken, G.; Kaune, M.; Bolekhan, A.	2013	Derivation of kinetic input parameter of trifloxystrobin and its metabolites for groundwater risk assessment in the EU Bayer CropScience, Report No.: EnSa-13-0894, Edition Number: M-469352-01-1 Date: 2013-11-12 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2 /03	Reinken, G.; Kaune, M.; Bolekhan, A.	2013	Derivation of kinetic input parameter of trifloxystrobin and its metabolites for surface water risk assessment in the EU Bayer CropScience, Report No.: EnSa-13-0930, Edition Number: M-469771-01-1 Date: 2013-11-18 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.1 /06 KCA 7.1.2.1.2 /06 KCA 7.1.4.1.1 /02 KCA 7.1.4.1.2 /01	Kitschmann, P.	1997	Leaching of aged residues of (U)-14C-phenyl-glyoxylate-labeled CGA 279202 in two soils upon 200 mm artificial rainfall Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 95PK02, Edition Number: M-033599-01-1 Date: 1997-06-17 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.1 /07 KCA 7.1.2.1.2 /07	Ulbrich, R.	1997	Degradation of (U)-14C-phenyl-glyoxylate-labeled CGA 279202 in various soils at two concentrations under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96UL02, Edition Number: M-033464-01-1 Date: 1997-11-28 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.1 /08	Mamouni, A.	2001	Degradation and metabolism of CGA 279202 in one soil incubated under aerobic conditions RCC Ltd., Itingen, Switzerland	N	Bayer

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			Bayer CropScience, Report No.: 777914, Edition Number: M-073242-01-1 Date: 2001-08-20 GLP/GEP: yes, unpublished		
KCA 7.1.2.1.1 /09 KCA 7.1.2.1.2 /08	Mamouni, A.	2001	Degradation and metabolism of [glyoxyl-phenyl-U-14C]-labelled CGA 321113 in soil Borstel incubated under aerobic conditions at 20 centigrade degrees RCC Ltd., Itingen, Switzerland Bayer CropScience, Report No.: 792606, Edition Number: M-069897-01-1 Date: 2001-08-20 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.1 /10	Stroech, K.; Weuthen, M.	2013	Formation fraction of NOA 413161 from trifloxystrobin in four European soils Bayer CropScience, Report No.: EnSa-12-0410, Edition Number: M-464420-01-1 Date: 2013-09-05 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.1 /11 KCA 7.1.2.1.2 /17	Reinken, G.; Bolekhan, A.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0715, Edition Number: M-467655-01-1 Date: 2013-10-15 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.1 /12 KCA 7.1.2.1.2 /18	Reinken, G.; Bolekhan, A.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0716, Edition Number: M-467663-01-1 Date: 2013-10-14 GLP/GEP: no, unpublished	N	Bayer

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KCA 7.1.2.1.1 /13 KCA 7.1.2.1.2 /19	Reinken, G.; Kaune, M.; Bolekhan, A.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0717, Edition Number: M-467664-01-1 Date: 2013-10-14 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.1 /14 KCA 7.1.2.1.2 /20	Reinken, G.; Maassen, K.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0718, Edition Number: M-468172-01-1 Date: 2013-10-30 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.1 /15 KCA 7.1.2.1.2 /21	Reinken, G.; Maassen, K.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0719, Edition Number: M-468202-01-1 Date: 2013-10-30 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.1 /16 KCA 7.1.2.1.2 /22	Reinken, G.; Maassen, K.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0720, Edition Number: M-468203-01-1 Date: 2013-10-30 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.1 /17 KCA 7.1.2.1.2 /23	Reinken, G.; Maassen, K.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0721, Edition Number: M-468174-01-1 Date: 2013-10-30	N	Bayer

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			GLP/GEP: no, unpublished		
KCA 7.1.2.1.1 /18 KCA 7.1.2.1.2 /24	Reinken, G.; Bolekhan, A.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolites under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0724, Edition Number: M-467669-01-1 Date: 2013-10-16 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.1 /19 KCA 7.1.2.1.2 /32	Reinken, G.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0733, Edition Number: M-468177-01-1 Date: 2013-10-30 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.2 /09	Reischmann, F. J.	2001	Degradation of [glyoxyl-phenyl-U-14C]-labelled NOA 413161 in soil Borstel under aerobic conditions at 20 centigrade degrees Syngenta Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 00MO09, Edition Number: M-068260-01-1 Date: 2001-07-19 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.2 /10	Stroech, K.; Weuthen, M.	2013	Formation fraction of NOA 413163 from CGA 357261 in four European soils Bayer CropScience, Report No.: EnSa-12-0409, Edition Number: M-459997-01-1 Date: 2013-07-23 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.2 /11	Stroech, K.; Junge, T.	2013	BCS-CU98569 (sodium salt of CGA 381318): aerobic degradation in four European soils Bayer CropScience, Report No.: EnSa-12-0677,	N	Bayer

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			Edition Number: M-462102-01-1 Date: 2013-08-15 GLP/GEP: yes, unpublished		
KCA 7.1.2.1.2 /12	Heinemann, O.	2010	NOA 413161: Aerobic degradation in three European soils Bayer CropScience, Report No.: MEF-09/460, Edition Number: M-371172-01-1 Date: 2010-06-14 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.2 /13	Heinemann, O.	2010	NOA 413163: Aerobic degradation in three European soils Bayer CropScience, Report No.: MEF-09/461, Edition Number: M-387169-01-1 Date: 2010-07-14 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.2 /14	Hein, E. M.; Junge, T.	2013	CGA 357276: Aerobic degradation in four European soils Bayer CropScience, Report No.: EnSa-13-0413, Edition Number: M-465697-01-1 Date: 2013-09-18 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.2 /15	Hellstern, J.	2012	Amendment No 1 to Report - NOA 409480: Aerobic degradation in four European soils Eurofins Agroscience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01625, Edition Number: M-445349-02-1 Date: 2012-08-14 **...Amended: 2013-01-08** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.2 /16	Reinken, G.; Sittig, S.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite CGA 321113 under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0714,	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			Edition Number: M-467654-01-1 Date: 2013-10-15 GLP/GEP: no, unpublished		
KCA 7.1.2.1.2 /25	Reinken, G.; Maassen, K.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite CGA 357261 and its metabolites under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0725, Edition Number: M-468206-01-1 Date: 2013-10-30 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.2 /26	Reinken, G.; Bolekhan, A.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite NOA 409480 under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0726, Edition Number: M-467675-01-1 Date: 2013-10-17 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.2 /27	Reinken, G.; Bolekhan, A.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite NOA 413163 under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0727, Edition Number: M-467678-01-1 Date: 2013-10-17 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.2 /28	Reinken, G..; Kaune, M.; Sittig, S	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite NOA 413161 under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0728, Edition Number: M-467683-01-1 Date: 2013-10-16 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.2 /29	Reinken, G.; Kaune, M.;	2012	Kinetic evaluation of the degradation of trifloxystrobin metabolite NOA 413161 under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool	N	Bayer

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	Sittig, S.		Bayer CropScience, Report No.: EnSa-13-0729, Edition Number: M-467681-02-1 Date: 2012-10-16 **...Amended: 2013-10-16** GLP/GEP: no, unpublished		
KCA 7.1.2.1.2 /30	Reinken, G.; Kaune, M.; Bolekhan, A.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite CGA 357276 under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2.1 tool Bayer CropScience, Report No.: EnSa-13-0730, Edition Number: M-467686-01-1 Date: 2013-10-17 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.2 /31	Reinken, G.; Maassen, K.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite CGA 381318 under aerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0731, Edition Number: M-468502-01-1 Date: 2013-11-04 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.3 /02 KCA 7.1.2.1.4 /04	Reinken, G.; Bolekhan, K.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolite under anaerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0732, Edition Number: M-468176-01-1 Date: 2013-10-30 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.1.4 /02	Stroech, K.; Junge, T.	2013	CGA 321113: Anaerobic degradation / metabolism in one soil Bayer CropScience, Report No.: M-467759-01-1, Edition Number: M-467759-01-1 Date: 2013-10-21 GLP/GEP: yes, unpublished	N	Bayer

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KCA 7.1.2.1.4 /03	Babczinski, P.	2004	Anaerobic soil metabolism of NOA 413161 and NOA 413163 Bayer CropScience, Report No.: MEF-04/254, Edition Number: M-123509-01-1 Date: 2004-10-30 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.1.4 /05	Reinken, G.; Bolekhan, A.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolites NOA 413161 and NOA 413163 under anaerobic soil conditions in laboratory according to FOCUS kinetics using the KinGUI 2 Tool Bayer CropScience, Report No.: EnSa-13-0734, Edition Number: M-468178-01-1 Date: 2013-10-30 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.2.1 /01 KCA 7.1.4.3 /01	Tribolet, R.	1997	Magnitude of residues in soil after application of CGA 279202 as formulation WG 50 (A-9360 B) - Determination of CGA 279202 and its metabolites CGA 357261, CGA 357262, CGA 373466 and CGA 321113 in soil Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2109/96, Edition Number: M-033482-01-1 Date: 1997-10-27 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /02 KCA 7.1.4.3 /02	Tribolet, R.	1997	Magnitude of residues in soil after application of CGA 279202 as formulation WG 50 (A-9360 B) - Determination of CGA 279202 and its metabolites CGA 357261, CGA 357262, CGA 373466 and CGA 321113 in soil Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2110/96, Edition Number: M-033486-01-1 Date: 1997-10-27 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /03 KCA 7.1.4.3 /03	Tribolet, R.	1997	Magnitude of residues in soil after application of CGA 279202 as formulation WG 50 (A-9360 B) - Determination of CGA 279202 and its metabolites CGA 357261, CGA 357262, CGA 373466 and CGA 321113 in soil Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2111/96,	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			Edition Number: M-033490-01-1 Date: 1997-09-26 GLP/GEP: yes, unpublished		
KCA 7.1.2.2.1 /04 KCA 7.1.4.3 /04	Tribolet, R.	1997	Magnitude of residues in soil after application of CGA 279202 as formulation WG 50 (A-9360 B) - Determination of CGA 279202 and its metabolites CGA 357261, CGA 357262, CGA 373466 and CGA 321113 in soil Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2112/96, Edition Number: M-033493-01-1 Date: 1997-11-17 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /05 KCA 7.1.4.3 /05	Tribolet, R.	1997	Magnitude of residues in soil after application of CGA 279202 as formulation WG 50 (A-9360 B) - Determination of CGA 279202 and its metabolites CGA 357261, CGA 357262, CGA 373466 and CGA 321113 in soil Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2113/96, Edition Number: M-033496-01-1 Date: 1997-11-17 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /06 KCA 7.1.4.3 /06	Tribolet, R.	1997	Magnitude of residues in soil after application of CGA 279202 as formulation WG 50 (A-9360 B) - Determination of CGA 279202 and its metabolites CGA 357261, CGA 357262, CGA 373466 and CGA 321113 in soil Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2114/96, Edition Number: M-033502-01-1 Date: 1997-10-28 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /07 KCA 7.1.4.3 /07	Smith, J. A.	1998	Residues of CGA 279202 in soil (Test product: CGD 20540 F - A9360B, WG 50) Novartis Agro GmbH, Frankfurt/Main, Germany Bayer CropScience, Report No.: GB55596, Edition Number: M-033504-01-1 Date: 1998-01-27 GLP/GEP: yes, unpublished	N	Bayer

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KCA 7.1.2.2.1 /08 KCA 7.1.4.3 /08	Smith, J. A.	1998	Residues of CGA 279202 in soil (Test product: CGD 20540 F - A9360B, WG 50) Novartis Agro GmbH, Frankfurt/Main, Germany Bayer CropScience, Report No.: GB56696, Edition Number: M-033514-01-1 Date: 1998-01-27 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /09	Tribolet, R.	1999	Residue study with CGA 279202 in soil in France (South) Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2191/97, Edition Number: M-051252-01-1 Date: 1999-01-29 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /10	Tribolet, R.	1999	Residue study with CGA 279202 in soil in France (South) Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2190/97, Edition Number: M-051419-01-1 Date: 1999-01-29 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /11	Tribolet, R.	1999	Residue study with CGA 279202 in soil in Italy Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 2046/97, Edition Number: M-051248-01-1 Date: 1999-01-29 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /13	Pluecken, U.	1998	Half life calculations for CGA 279202, CGA 321113 and their major isomers CGA 357261 and CGA 373466 in eight bare ground field studies Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: CGA279202/533, Edition Number: M-033520-01-1	N	Bayer

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			Date: 1998-01-06 GLP/GEP: no, unpublished		
KCA 7.1.2.2.1 /14	Schaefer, H.	2001	Calculation of DT50 values of CGA279202 and its metabolites CGA 321113 and CGA 373466 in soil Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: MR-329/01, Edition Number: M-064112-01-1 Date: 2001-07-31 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.2.1 /15	Heinemann, O.; Weuthen, M.	2013	Amendment No. 1 to determination of the residues of trifloxystrobin in/on soil after spraying of trifloxystrobin WG 50 in the field in Germany, the United Kindom, France, Spain and Italy Bayer CropScience, Report No.: 11-2710, Edition Number: M-462061-02-1 Date: 2013-08-14 **...Amended: 2013-09-02** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /16	Heinemann, O.; Weuthen, M.	2013	Determination of the residues of CGA 357261 in/on soil after spraying of CGA 357261 WG 50 in the field in Germany, the United Kingdom, France, Spain and Italy Bayer CropScience, Report No.: 11-2720, Edition Number: M-465701-01-1 Date: 2013-09-16 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.2.2.1 /17	Freitag, T.	2013	Amendment no. 01 to report no.: MR-13/108 - Determination of the storage stability of trifloxystrobin and the metabolites CGA 279202 ZE-isomer, CGA 321113, CGA 373466, BCS-AB39835, BCS-CR74871, NOA 413161 and NOA 413163 in soil - Phase report for an interval of 0 to 18 and 21 months Bayer CropScience, Report No.: MR-13/108, Edition Number: M-467625-02-1 Date: 2013-10-23 **...Amended: 2013-10-25** GLP/GEP: yes, unpublished	N	Bayer

Data point	Author(s)	Year	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	Vertebrate study Y/N	Owner
KCA 7.1.2.2.1 /18	Reinken, G.; Bolekhan, A.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin and its metabolites after soil incorporation under European field conditions according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0722, Edition Number: M-468499-01-1 Date: 2013-11-04 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.2.1 /19	Reinken, G.; Sittig. S.; Kaune, M.	2013	Kinetic evaluation of the degradation of trifloxystrobin metabolite CGA 357261 and its metabolites after soil incorporation under European field conditions according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0723, Edition Number: M-468500-01-1 Date: 2013-11-04 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.2.2.2 /01	Schaefer, H.	2001	Predicted accumulation of trifloxystrobin /CGA279202) and its metabolites CGA 321113 and CGA 373466 in soil based on PEARL - Use in different crops in northern and Southern Europe Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: MR-361/01, Edition Number: M-065732-01-1 Date: 2001-08-03 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.3.1.1 /01	Schaeffer, A.	1995	Adsorption/desorption of (U)-14C-phenyl-glyoxylate labeled CGA 279202 in various soil types Ciba-Geigy Limited, Basel, Switzerland Bayer CropScience, Report No.: 94AS01, Edition Number: M-033549-03-1 Date: 1995-05-18 **...Amended: 1995-08-29** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.1 /02	Glaenzel, A.	2000	Adsorption / desorption of CGA 279202 in Borstel soil Syngenta Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 00AG05,	N	Bayer

Data point	Author(s)	Year	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	Vertebrate study Y/N	Owner
			Edition Number: M-049477-01-1 Date: 2000-12-12 GLP/GEP: yes, unpublished		
KCA 7.1.3.1.2 /01	Schaeffer, A.	1995	Adsorption/desorption of (U)-14C-phenyl-glyoxylate-labeled CGA 321113 in various soil types Ciba-Geigy Limited, Basel, Switzerland Bayer CropScience, Report No.: 94AS03, Edition Number: M-033569-02-1 Date: 1995-07-04 **...Amended: 1996-08-14** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.2 /02	Glaenzel, A.	2000	Adsorption/desorption of CGA 321113 in Borstel soil Syngenta Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 00AG06, Edition Number: M-051381-01-1 Date: 2000-12-12 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.2 /03	Heim, L. G.; Velagaleti, R.	1997	Adsorption-desorption of [phenyl (B)-U-14C]-CGA 373466 in soil ABC Laboratories, Inc., Columbia, MO, USA Bayer CropScience, Report No.: 397-96, Edition Number: M-036332-01-1 EPA MRID No.: 44496806 Date: 1997-11-22 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.2 /04	Adam, D.	2000	Adsorption / desorption of NOA 413161 in Borstel soil Syngenta Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 00DA09, Edition Number: M-046346-01-1 Date: 2000-12-13 GLP/GEP: yes, unpublished	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCA 7.1.3.1.2 /05	Heim, L. G.; Velagaleti, R.	1997	Adsorption-desorption of [phenyl (B)-U-14C]-CGA 357261 ([14C-TP]-CGA 357261) in soil ABC Laboratories, Inc., Columbia, MO, USA Bayer CropScience, Report No.: 211-97, Edition Number: M-036399-01-1 EPA MRID No.: 44496805 Date: 1997-11-22 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.2 /06	Stroech, K.; Weuthen, M.	2013	[Benzeneacetic-phenyl-UL-14C]BCS-CU98569 (sodium salt of CGA 381318): Adsorption / desorption on four European soils Bayer CropScience, Report No.: EnSa-12-0384, Edition Number: M-447879-01-1 Date: 2013-02-22 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.2 /07	Tinnefeld, D.	2010	[Benzeneacetic-phenyl-UL-14C]NOA 413161: Adsorption/desorption on four soils Bayer CropScience, Report No.: MEF-09/479, Edition Number: M-361829-01-1 Date: 2010-01-18 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.2 /08	Tinnefeld, D.	2010	[Benzeneacetic-phenyl-UL-14C]NOA 413163: Adsorption/desorption on four soils Bayer CropScience, Report No.: MEF-09/518, Edition Number: M-361835-01-1 Date: 2010-01-18 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.3.1.2 /09	Heim, L. G.; Velagaleti, R.	1997	Adsorption-desorption of [phenyl (B)-U-14C]-CGA 357276 in soil ABC Laboratories, Inc., Columbia, MO, USA Bayer CropScience, Report No.: 210-97, Edition Number: M-036507-01-1 EPA MRID No.: 44496804 Date: 1997-11-22	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			GLP/GEP: yes, unpublished		
KCA 7.1.3.1.2 /10	Stroech, K.; Weuthen, M.	2012	[Benzonitrile-ring-UL-14C]NOA 409480: Adsorption / desorption on four European soils Bayer CropScience, Report No.: EnSa-12-0383, Edition Number: M-442865-01-1 Date: 2012-11-28 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.4 /01	Schmeling, S.; Bongartz, R.	2012	Determination of plant uptake factor of metabolites of trifloxystrobin in tomatoes (CGA 321113, CGA 373466, NOA 413161 and NOA 413163) Bayer CropScience, Report No.: EnSa-12-0333, Edition Number: M-433176-01-1 Date: 2012-06-20 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.4.1.1 /01	Fischer, W.	1996	Leaching model study with [glyoxyl-phenyl-(U)-14C]-CGA 279202 in four soils under laboratory conditions Ciba-Geigy Limited, Basel, Switzerland Bayer CropScience, Report No.: 95AS01, Edition Number: M-033582-01-1 Date: 1996-10-01 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.4.1.1 /03 KCA 7.1.4.1.2 /02	Ulbrich, R.	1997	Leaching of aged residues of (trifluoromethyl-phenyl-(U)-14C)-labelled CGA 279202 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96UL01, Edition Number: M-033617-01-1 Date: 1997-11-25 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.4.1.1 /04 KCA 7.1.4.1.2 /03	Fackler, P. H.	1997	[Phenyl-(A)-U-14C]-CGA 279202 - Determination of mobility in seven soils by the aged-soil column leaching method and mini-soil metabolism study on each soil Springborn Laboratories, Inc., Wareham, MA, USA Bayer CropScience, Report No.: 1781.0695.6507.780,	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			Edition Number: M-033629-01-1 EPA MRID No.: 44496803 Date: 1997-09-26 GLP/GEP: yes, unpublished		
KCA 7.1.4.1.2 /02 KCA 7.1.4.1.1 /03	Ulbrich, R.	1997	Leaching of aged residues of (trifluoromethyl-phenyl-(U)-14C)-labelled CGA 279202 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96UL01, Edition Number: M-033617-01-1 Date: 1997-11-25 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.1.4.3 /10	Schaefer, H.	2002	Characterisation of the environmental behaviour of metabolites of trifloxystrobin (CGA279202) based on results of a lysimeter study Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: MR-384/02, Edition Number: M-059343-01-1 Date: 2002-09-23 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.4.3 /11	Huber, A.	2000	Leaching and soil accumulation of CGA 279202 and its metabolite CGA 321113, NOA 413161 and NOA 413163 Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: Mod00AH27, Edition Number: M-049606-01-1 Date: 2000-09-15 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.4.3 /12	Hosang, J.	1998	Estimated leaching of CGA 279202 and CGA 321113 under dutch conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 97HJ19, Edition Number: M-033716-01-1 Date: 1998-02-17 GLP/GEP: no, unpublished	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCA 7.1.4.3 /13	Schaefer, H.	2001	Extrapolation of results of a lysimeter study conducted with trifloxystrobin to dutch environmental conditions using PEARL Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: MR-456/01, Edition Number: M-072939-01-1 Date: 2001-09-17 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.4.3 /14	Schaefer, H.	2001	Predicted environmental concentration of trifloxystrobin (CGA279202) and its metabolites CGA 321113 and CGA 373466 in ground water recharge based on PELMO - Use in different crops in northern and southern Europe Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: MR-365/01, Edition Number: M-065772-01-1 Date: 2001-07-31 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.4.3 /15	Schaefer, H.	2002	Predicted environmental concentrations of trifloxystrobin (CGA279202) and its metabolites in ground water recharge based on PEARL - Use in winter cereals, apples, grapes and melons in Europe Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: MR-398/02, Edition Number: M-059402-01-1 Date: 2002-09-24 GLP/GEP: no, unpublished	N	Bayer
KCA 7.1.4.3 /16	Schaefer, H.	2002	Predicted environmental concentrations of trifloxystrobin (CGA279202) and its metabolites in ground water recharge based on PEARL - Use in winter cereals, apples, grapes and melons in Europe Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: MR-399/02, Edition Number: M-059473-01-1 Date: 2002-09-24 GLP/GEP: no, unpublished	N	Bayer
KCA 7.2.1.1 /01	Kitschmann, P.	1996	Hydrolysis of (U)-14C-phenyl-glyoxylate-labeled CGA 279202 under laboratory conditions Ciba-Geigy Limited, Basel, Switzerland	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			Bayer CropScience, Report No.: 94PK01, Edition Number: M-033720-01-1 Date: 1996-12-16 GLP/GEP: yes, unpublished		
KCA 7.2.1.1 /02	Ulbrich, R.	1997	Hydrolysis of (trifluormethyl-phenyl-(U)-14C)-labeled CGA 279202 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 94UL04, Edition Number: M-033737-01-1 Date: 1997-12-05 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.1.1 /03 KCA 2.14 /03	Widmer, H.	1997	Thermal decomposition of CGA 321113 and CGA 373466 to CGA 357276 and the corresponding nitrile of CGA 373466 Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 97WI40, Edition Number: M-033746-01-1 Date: 1997-10-29 GLP/GEP: no, unpublished	N	Bayer
KCA 7.2.1.2 /01	Schaeffer, A.	1996	Aqueous photolysis of [glyoxyl-phenyl-(U)-14C]-CGA 279202 under laboratory conditions Ciba-Geigy Limited, Basel, Switzerland Bayer CropScience, Report No.: 94AS02, Edition Number: M-033754-02-1 Date: 1996-03-18 **...Amended: 1996-07-30** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.1.2 /02	Kitschmann, P.	1997	Aqueous photolysis of [trifluormethyl-phenyl-(U)-14C]-CGA 279202 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 94PK02, Edition Number: M-033788-01-1 Date: 1997-11-21	N	Bayer

Data point	Author(s)	Year	**Title** **Company Report No.** **Source (where different from company)** **GLP or GEP status** **Published or not**	Vertebrate study Y/N	Owner
			GLP/GEP: yes, unpublished		
KCA 7.2.1.2 /03	Ulbrich, R.	1997	Aqueous photolysis of (U)-14C-phenyl-glyoxylate-labeled CGA 321113 at pH 5 under artificial sunlight Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96UL03, Edition Number: M-033842-01-1 Date: 1997-12-03 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.1.2 /04	Phaff, R.	1997	Rate and quantum yield of the direct phototransformation of CGA 279202 under laboratory conditions in water Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96RP03, Edition Number: M-033847-02-1 Date: 1997-06-09 **...Amended: 1998-01-08** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.1.2 /05	Phaff, R.	1997	Rate and quantum yield of the direct phototransformation of CGA 321113 under laboratory conditions in water Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 96RP04, Edition Number: M-033856-02-1 Date: 1997-06-09 **...Amended: 1998-01-08** GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.1.3 /01	Sneikus, J.	2003	Photolysis of trifloxystrobin in natural water Bayer CropScience, Report No.: MEF-247/03, Edition Number: M-106330-01-1 Date: 2003-09-30 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.2.1 /01	Weinstock, M.	1994	Report on the test for ready biodegradability of CGA 279202 tech. in the carbondioxide evolution test Ciba-Geigy Limited, Basel, Switzerland Bayer CropScience,	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			Report No.: 943535, Edition Number: M-033914-01-1 Date: 1994-09-19 GLP/GEP: yes, unpublished		
KCA 7.2.2.2 /01	Fahrbach, M.	2013	[Benzeneacetic-phenyl-UL-14C]trifloxystrobin: Aerobic mineralization in surface water Harlan Laboratories Ltd., Itingen, Switzerland Bayer CropScience, Report No.: D60632, Edition Number: M-449602-01-1 Date: 2013-03-08 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.2.3 /01	Ulbrich, R.	1997	Degradation and metabolism of (U)-14-C-phenyl-glyoxylat-labeled CGA 279202 in two aquatic systems Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 95UL02, Edition Number: M-033922-01-1 Date: 1997-11-24 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.2.3 /02	Kitschmann, P.	1997	Degradation and metabolism of [trifluoromethyl-phenyl-(U)-14C] labeled CGA 279202 in two aquatic systems Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 95PK03, Edition Number: M-033933-01-1 Date: 1997-07-15 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.2.3 /03 KCA 8.2.8 /04	Cairns, S.	1997	Assessment of the potential biological effects of CGA 279202 exposures on aquatic ecosystems as measured in an outdoor fiberglass tank system ABC Laboratories, Inc., Columbia, MO, USA Bayer CropScience, Report No.: 43274, Edition Number: M-049272-01-1 EPA MRID No.: 44496617 Date: 1997-12-10 GLP/GEP: yes, unpublished	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCA 7.2.2.3 /04 KCA 8.2.8 /09	Heimbach, F.; Sommer, H.; Christl, H.	2002	Biological effects and fate of trifloxystrobin WG 50 in outdoor mesocosm ponds Bayer AG, Leverkusen, Germany Bayer CropScience, Report No.: HBF/BT 04, Edition Number: M-067201-01-1 Date: 2002-06-10 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.2.2.3 /05	Reinken, G.; Maassen, K.	2013	Kinetic evaluation of degradation and dissipation behaviour of trifloxystrobin and its metabolite CGA 321113 in water / sediment systems according to FOCUS kinetics using the KinGUI 2 tool Bayer CropScience, Report No.: EnSa-13-0736, Edition Number: M-468895-01-1 Date: 2013-11-04 GLP/GEP: no, unpublished	N	Bayer
KCA 7.3 /01	Sandmeier, P.	1997	Volatilization of CGA 279202 from bean leaves under indoor conditions after spray application of [14C] labelled material Ciba-Geigy Limited, Basel, Switzerland Bayer CropScience, Report No.: 96PSA45, Edition Number: M-033956-01-1 Date: 1997-01-08 GLP/GEP: yes, unpublished	N	Bayer
KCA 7.3.1 /01 KCA 2.14 /02	Stamm, E.	1997	Atmospheric oxidation of CGA 279202 by hydroxyl radicals Novartis Crop Protection AG, Basel, Switzerland Bayer CropScience, Report No.: 95A96112SM, Edition Number: M-033960-01-1 Date: 1997-01-06 GLP/GEP: no, unpublished	N	Bayer
KCA 7.3.1 /02	Hellpointner, E.	2013	CGA 107170: Calculation of the chemical half-life in the troposphere Bayer CropScience, Report No.: EnSa-13-0667, Edition Number: M-465896-01-1 Date: 2013-09-30	N	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			GLP/GEP: yes, unpublished		
KCA 7.5 /01	Reemtsma, T.; Alder, L.; Banasiak, U.	2013	Emerging pesticide metabolites in groundwater and surface water as determined by the application of a multimethod for 150 pesticide metabolites. Publisher:Elsevier, Journal:Water Research, Pages:1-11, Year:2013, Report No.: M-462781-01-1, Edition Number: M-462781-01-1 Date: 2013-06-15 GLP/GEP: no, published	N	Bayer
KCA 7.5 /02	Schummer, C.; Mothiron, E.; Appenzeller, B.; Rizet, A.; Wennig, R.; Millet, M.	2010	Temporal variations of concentrations of currently used pesticides in the atmosphere of Strasbourg, France. Journal:Environ. Pollut. (Oxford, U. K.), Volume:158, Issue:2, Pages:576-584, Year:2010, Report No.: M-457521-01-1, Edition Number: M-457521-01-1 Date: 2010-12-31 GLP/GEP: no, published	N	Bayer

The following tables are to be completed by MS

List of data submitted by the applicant and not relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner

List of data relied on not submitted by the applicant but necessary for evaluation

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner

Appendix 2 Detailed evaluation of the new Annex II studies

A 2.1 KCA 7.1 Fate and behaviour in soil

A 2.1.1 KCA 7.1.1 Route of degradation in soil

A 2.1.1.1 KCA 7.1.1.1 Aerobic degradation

A 2.1.1.2 KCA 7.1.1.2 Anaerobic degradation

A 2.1.1.3 KCA 7.1.1.3 Soil photolysis

A 2.1.2 KCA 7.1.2 Rate of degradation in soil

A 2.1.2.1 KCA 7.1.2.1 Laboratory studies

A 2.1.2.1.1 KCA 7.1.2.1.1 Aerobic degradation of the active substance

A 2.1.2.1.2 KCA 7.1.2.1.2 Aerobic degradation of metabolites, breakdown and reaction products

A 2.1.2.1.3 KCA 7.1.2.1.3 Anaerobic degradation of the active substance

A 2.1.2.1.4 KCA 7.1.2.1.4 Anaerobic degradation of metabolites, breakdown and reaction products

A 2.1.2.2 KCA 7.1.2.2 Field studies

A 2.1.2.2.1 KCA 7.1.2.2.1 Soil dissipation studies

A 2.1.2.2.2 KCA 7.1.2.2.2 Soil accumulation studies

A 2.1.3 KCA 7.1.3 Adsorption and desorption in soil

A 2.1.3.1 KCA 7.1.3.1 Adsorption and desorption

A 2.1.3.1.1 KCA 7.1.3.1.1 Adsorption and desorption of the active substance

A 2.1.3.1.2 KCA 7.1.3.1.2 Adsorption and desorption of metabolites, breakdown and reaction products

A 2.1.3.2 KCA 7.1.3.2 Aged sorption

A 2.1.4 KCA 7.1.4 Mobility in soil

A 2.1.4.1 KCA 7.1.4.1 Column leaching studies

A 2.1.4.1.1 KCA 7.1.4.1.1 Column leaching of the active substance

A 2.1.4.1.2 KCA 7.1.4.1.2 Column leaching of metabolites, breakdown and reaction products

A 2.1.4.2 KCA 7.1.4.2. Lysimeter studies

A 2.1.4.3 KCA 7.1.4.3 Field leaching studies

A 2.2 KCA 7.2 Fate and behaviour in water and sediment

A 2.2.1 KCA 7.2.1 Route and rate of degradation in aquatic systems (chemical and photochemical degradation)

A 2.2.1.1 KCA 7.2.1.1 Hydrolytic degradation

A 2.2.1.2 KCA 7.2.1.2 Direct photochemical degradation

A 2.2.1.3 KCA 7.2.1.3 Indirect photochemical degradation

A 2.2.2 KCA 7.2.2 Route and rate of biological degradation in aquatic systems

A 2.2.2.1 KCA 7.2.2.1 "Ready biodegradability"

A 2.2.2.2 KCA 7.2.2.2 Aerobic mineralisation in surface water

A 2.2.2.3 KCA 7.2.2.3 Water/sediment study

A 2.2.2.4 KCA 7.2.2.4 Irradiated water/sediment study

A 2.2.3 KCA 7.2.3 Degradation in the saturated zone

A 2.3 KCA 7.3 Fate and behaviour in air

A 2.3.1 KCA 7.3.1 Route and rate of degradation in air

A 2.3.2 KCA 7.3.2 Transport via air

A 2.3.3 KCA 7.3.3 Local and global effects

A 2.4 KCA 7.4 Definition of the residue

A 2.4.1 KCA 7.4.1 Definition of the residue for risk assessment

A 2.4.2 KCA 7.4.2 Definition of the residue for monitoring

A 2.5 KCA 7.5 Monitoring data

Appendix 3 Additional information provided by the applicant (e.g. detailed modelling data)

A 3.1 8.7 Predicted Environmental Concentrations in soil (PECsoil) (KCP 9.1.3)

Comments of zRMS:	Acceptable.

Trifloxystrobin

Reference:	**KCP 9.1.3/01**
Title:	Trifloxystrobin (TFS): Core PECsoil EUR - Modelling core info document for soil risk assessment in Europe
Report:	Reinken, G.; Zerbe, P.; Boiselle, N.; 2019; EnSa-19-0397; M-670830-01-1
Authority registration No:	
Guideline(s):	none
Deviations:	none
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Reference:	**KCP 9.1.3/02**
Title:	Trifloxystrobin (TFS) and metabolites - PECsoil EUR - Use in field and fruit crops in Europe
Report:	Reinken, G.; Porschewski, R.; 2020; EnSa-20-0068; M-682690-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

A 3.2 8.8 Predicted Environmental Concentrations in groundwater (PEC_{gw}) (KCP 9.2.4.1)

Comments of zRMS:	Acceptable.

Trifloxystrobin

Reference:	**KCP 9.2.4.1/01**
Title:	Trifloxystrobin (TFS): Core PECgw EUR - Modelling core info document for groundwater risk assessment in Europe
Report:	Reinken, G.; Zerbe, P.; Boiselle, N.; 2019; EnSa-19-0398; M-670758-01-1
Authority registration No:	
Guideline(s):	none
Deviations:	none
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Beans (field & vegetable)

Reference:	**KCP 9.2.4.1/02**
Title:	Trifloxystrobin (TFS) and metabolites: PECgw FOCUS PEARL, PELMO EUR - Use in field beans in Europe
Report:	Reinken, G.; Tamazashvili, A.; 2020; EnSa-20-0002; M-680784-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Reference:	**KCP 9.2.4.1/03**
Title:	Trifloxystrobin (TFS) and metabolites: PECgw FOCUS PEARL, PELMO EUR - Use in beans (vegetables) in Europe
Report:	Reinken, G.; Tamazashvili, A.; 2020; EnSa-20-0022; M-680787-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Peas & Sugar beets

Reference:	**KCP 9.2.4.1/04**
Title:	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in peas and sugar beets in Europe
Report:	Reinken, G.; Lyu, A.; 2020; EnSa-19-0724; M-680530-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Onions

Reference:	**KCP 9.2.4.1/05**
Title:	Trifloxystrobin (TFS) and metabolites: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in onions in Europe
Report:	Reinken, G.; Lyu, A.; 2020; EnSa-19-0695; M-680527-02-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Apples

Reference:	**KCP 9.2.4.1/07**
Title:	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in apples in Europe
Report:	Reinken, G.; Lyu, A.; 2020; EnSa-19-0713; M-680424-01-1
Authority registration No:	
Guideline(s):	none
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Cabbage

Reference:	**KCP 9.2.4.1/08**
Title:	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in cabbage in Europe
Report:	Reinken, G.; Lyu, A.; 2020; EnSa-19-0716; M-680422-01-1
Authority registration No:	
Guideline(s):	none
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Please note: the use No. 143-146 (lambs lettuce) were not mentioned in the respective PEC report, the calculations performed for modelling group “Cabbage I” (1×200 g a.s./ha) fit to the use ID’s 143-146.
The use No. 142 (lambs lettuce) was also not mentioned in the respective PEC report, the calculations performed for modelling group “Cabbage II” (2×200 g a.s./ha) fit to the use ID’s 142.

Strawberry & Tobacco

Reference:	**KCP 9.2.4.1/09**
Title:	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO EUR - Use in strawberries and tobacco in Europe
Report:	Reinken, G.; Mai, T.; 2020; EnSa-19-0684; M-680420-01-2
Authority registration No:	
Guideline(s):	none
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Please note: Report covers several use scenarios – thereof relevant to present product:

- Use ID 226-239 "Strawberries" = Strawberries, BBCH 40-89, 2×200 g a.s./ha, 7 d interval
- Use ID 241 "Tobacco" = Tobacco, BBCH 11-39, 1×200 g a.s./ha

Vines I-III, IV - V, VII

Reference:	**KCP 9.2.4.1/10**
Title:	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in vines in Europe
Report:	Reinken, G.; Lyu, A.; 2020; EnSa-20-0040; M-680533-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Bushberry I - III, IV - V

Reference:	**KCP 9.2.4.1/11**
Title:	Trifloxystrobin (TFS) and metabolites - PECgw FOCUS PEARL, PELMO EUR - Use in bushberries in Europe
Report:	Reinken, G.; Lyu, A.; 2020; EnSa-20-0033; M-680532-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

A 3.3 8.9 Predicted Environmental Concentrations in surface water (PEC_{sw}) (KCP 9.2.5)

Comments of zRMS:	Acceptable.

Fluopyram

Reference:	**KCP 9.2.5/01**
Title:	Fluopyram Core PECsw FOCUS EU + NL: Modelling core info for surface water exposure risk assessment in European countries including the Netherlands - Fluopyram (AE C656948, FLU)
Report:	Kley, C.; 2013; EnSa-13-0445; M-466153-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	not applicable
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Field beans I – IV

Reference:	**KCP 9.2.5/02**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in field beans in Europe
Report:	Kley, C.; Tamazashvili, A.; 2020; EnSa-20-0059; M-682686-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Legumes and Sugar beets

Reference:	**KCP 9.2.5/04**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in legumes and sugar beets in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0722; M-682739-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Flower bulbs

Reference:	**KCP 9.2.5/05**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in onions in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0728; M-682732-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Please note: Modelling GAP IDs are not consistent for fluopyram and trifloxystrobin: The FLU modelling report uses DGR I for multiple application [use IDs 117, 118, 120] and DGR II for single application [use IDs 119, 121]. The respective TFS modelling report uses DGR I for single application [use IDs 119, 121] and DGR II for multiple application [use IDs 117, 118, 120].

Pome & stone fruit

Reference:	**KCP 9.2.5/06**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in pome and stone fruit in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0720; M-682744-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Leafy vegetables

Reference:	**KCP 9.2.5/07**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vegetables leafy in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0721; M-682736-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Tobacco and Hops

Reference:	**KCP 9.2.5/08**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in tobacco and hops in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0725; M-682733-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Please note: Report covers several use scenarios – thereof relevant to present product:

- DGR I "Tobacco, use ID 241" = Tobacco, BBCH 11-39, 1×0.20 kg a.s./ha
- DGR III "Hops, use ID 141" = Hops, BBCH 37-79, 2×0.15 kg a.s./ha, 14 d interval

Vines I – II

Reference:	**KCP 9.2.5/09**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines I & II in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0717; M-682726-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Vines III – IV

Reference:	**KCP 9.2.5/10**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines III & IV in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0718; M-682728-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Vines V

Reference:	**KCP 9.2.5/11**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines V in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-19-0719; M-682730-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Vines VI

Reference:	**KCP 9.2.5/12**
Title:	Fluopyram (FLU): PECsw,sed FOCUS EUR - Use in vines VI in Europe
Report:	Kley, C.; Srinivasan, P.; 2020; EnSa-20-0092; M-682731-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Trifloxystrobin and metabolites

Reference:	**KCP 9.2.5/13**
Title:	Trifloxystrobin (TFS): Core PECsw EUR - Modelling core info document for surface water risk assessment in Europe
Report:	Reinken, G.; Zerbe, P.; Boiselle, N.; 2019; EnSa-19-0399; M-670781-01-1
Authority registration No:	
Guideline(s):	none
Deviations:	none
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Field beans I – IV

Reference:	**KCP 9.2.5/14**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in field beans in Europe
Report:	Reinken, G.; Tamazashvili, A.; 2020; EnSa-20-0003; M-682699-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Legumes and Sugar beets

Reference:	**KCP 9.2.5/16**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in legumes and sugar beets in Europe
Report:	Reinken, G.; Mai, T.; 2019; EnSa-19-0709; M-680429-01-1
Authority registration No:	
Guideline(s):	none
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Flower bulbs

Reference:	**KCP 9.2.5/17**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vegetables bulb in Europe
Report:	Reinken, G.; Lyu, A.; 2020; EnSa-19-0697; M-680556-02-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Please note: Modelling GAP IDs are not consistent for fluopyram and trifloxystrobin: The TFS modelling report uses DGR I for single application [use IDs 119, 121] and DGR II for multiple application [use IDs 117, 118, 120]. The respective FLU modelling report uses DGR I for multiple application [use IDs 117, 118, 120] and DGR II for single application [use IDs 119, 121].

Pome & stone fruit and leafy vegetables

Reference:	**KCP 9.2.5/18**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in pome and stone fruit and vegetables leafy in Europe
Report:	Reinken, G.; Mai, T.; Tamazashvili, A.; 2019; EnSa-19-0704; M-680627-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Reference:	**KCP 9.2.5/19**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in pome and stone fruit in Europe
Report:	Reinken, G.; Tamazashvili, A.; 2020; EnSa-20-0036; M-682707-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Tobacco and Hops

Reference:	**KCP 9.2.5/20**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in tobacco and hops in Europe
Report:	Reinken, G.; Srinivasan, P.; 2020; EnSa-20-0016; M-682844-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Please note: Report covers several use scenarios – thereof relevant to present product:

- DGR I "Tobacco, use ID 241" = Tobacco, BBCH 11-39, 1×0.20 kg a.s./ha
- DGR III "Hops, use ID 141" = Hops, BBCH 37-79, 2×0.15 kg a.s./ha, 14 d interval

Vines I – II

Reference:	**KCP 9.2.5/21**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines I & II in Europe
Report:	Reinken, G.; Srinivasan, P.; 2020; EnSa-20-0007; M-682831-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Vines III – IV

Reference:	**KCP 9.2.5/22**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines III & IV in Europe
Report:	Reinken, G.; Srinivasan, P.; 2020; EnSa-20-0010; M-682833-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Vines V

Reference:	**KCP 9.2.5/23**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines V in Europe
Report:	Reinken, G.; Srinivasan, P.; 2020; EnSa-20-0013; M-682835-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	

Vines VI

Reference:	**KCP 9.2.5/24**
Title:	Trifloxystrobin (TFS) and metabolites: PECsw,sed FOCUS EUR - Use in vines VI in Europe
Report:	Reinken, G.; Srinivasan, P.; 2020; EnSa-20-0077; M-682837-01-1
Authority registration No:	
Guideline(s):	not applicable
Deviations:	None
GLP/GEP:	no
Acceptability:	
Duplication (if vertebrate study):	