FINAL REGISTRATION REPORT

Part B

Section 6

Mammalian Toxicology

Detailed summary of the risk assessment

Product code: CHR/F/SCORPIO 325 SC

Product name(s): Clapton 325 SC, Scarp 325 SC

Chemical active substance(s):

Difenoconazole, 125 g/L
Azoxystrobin, 200 g/L

Central Zone

Zonal Rapporteur Member State: Poland

CORE ASSESSMENT

Applicant: Innvigo Sp. z o.o

Submission date: 09.2023

MS Finalisation date: 11/2025

This document describes the acceptable use conditions required for registration according to Art. 34 and Art. 33 of Regulation 1107/2009 of CHR/F/SCORPIO 325 SC containing azoxystrobin and difenoconazole in POLAND.

Scorpion 325 SC is the original product to which Innvigo Sp. z o.o. would like to refer. 10 years for registration data of Scorpion 325 SC was expired in Poland. Thus, the data protection of studies provided in registration report of Scorpion 325 SC has expired. Innvigo Sp. z o.o. refers to above mentioned studies within this document.

zRMS's comment	Composition's comparison of the CHR/F/SCORPIO 325 SC formulation and the Scorpion 325 SC product revealed that they are not equivalent/comparable from the toxicological point of view, therefore the unprotected toxicological data on Scorpion 325 SC cannot be used for the registration of Clapton 325 SC in Poland.

Version history

When	What
11/2023	Dossier sent for evaluation
04/2024	Applicant update
07/2024	Applicant update
07/2025	zRMS evaluation of dRR
11/2025	Final RR

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6. Mammalian Toxicology (KCP 7)

zRMS comments:
The text highlighted in grey was provided by the zRMS.

6.1 Summary

Table 6.1.1: Information on CHR/F/SCORPIO 325 SC

Product name and code	CHR/F/SCORPIO 325 SC
Formulation type	SC (Suspension Concentrate)
Active substance(s) (incl. content)	Difenoconazole, 125 g/L Azoxystrobin, 200 g/L
Function	fungicide
Product already evaluated as the 'representative formulation' during the approval of the active substance(s)	No
Product previously evaluated in another MS according to Uniform Principles	No

* Information on the detailed composition of CHR/F/SCORPIO 325 SC can be found in the confidential dRR Part C.

Justified proposals for classification and labelling

According to the criteria given in Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008, the following classification and labelling with regard to toxicological data is proposed for the preparation:

Table 6.1.2: Justified proposals for classification and labelling for CHR/F/SCORPIO 325 SC according to Regulation (EC) No 1272/2008

Hazard class(es), categories:	~~Acute Tox. 4, H302~~ Eye Dam. 1, H318 Acute Tox. 4, H332 Carc. 2, H351 ~~Skin Sens. 1, H317~~ ~~Aquatic Chronic 1, H410~~ ~~Aquatic Acute 1, H400~~
Hazard pictograms or Code(s) for hazard pictogram(s):	GHS07~~,~~ GHS09~~,~~ GHS05, GHS08
Signal word:	~~Warning~~ Danger

Hazard statement(s):	~~H302 - Harmful if swallowed~~ ~~Acute Tox. 4~~ ~~H332 - Harmful if inhaled~~ ~~H317 - May cause an allergic skin reaction~~ ~~H410 - Very toxic to aquatic life with long lasting effects~~ H318 - Causes serious eye damage H332 - Harmful if inhaled H351 - Suspected of causing cancer
Precautionary statement(s):	P261- Avoid breathing mist/vapours/spray. ~~P264 - Wash hands thoroughly after handling.~~ ~~P272 - Contaminated work clothing should not be allowed out of the workplace.~~ P280- Wear protective gloves/protective clothing/eye protection/face protection. ~~P301 + P312 - IF SWALLOWED: Call a POISON CENTRE, doctor if you feel unwell.~~ ~~P302 + P352 - IF ON SKIN: Wash with plenty of water with soap.~~ P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. ~~P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.~~ ~~P362 + P364 - Take off contaminated clothing and wash it before reuse.~~ P391 – Collect spillage
Additional labelling phrases:	To avoid risks to man and the environment, comply with the instructions for use. [EUH401] Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction. [EUH208]

Table 6.1.3: Summary of risk assessment for operators, workers, bystanders and residents for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

	Result	PPE / Risk mitigation measures
Operators	Acceptable	~~Use protective gloves and work clothes (overalls) while preparing the~~

	Result	PPE / Risk mitigation measures
		~~spray dilution and during the application~~ None (workwear - arms, body and legs covered) Due to the product classification (Carc. 2. H351, Eye, Dam. 1, H318 and Acute Tox. 4, H332), eye and face protection is recommended during the mixing/loading step.
Workers	Acceptable	Field, Low vegetables (Inspection, irrigation activity) - None (workwear - arms, body and legs covered) Low vegetables (except Inspection, irrigation activity), High ornamentals - Wear protective gloves and workwear (arms, body and legs covered) ~~work garment (long trousers, long-sleeve shirt)~~ during all tasks in the treated area
Bystanders	Acceptable	None (Field, Low vegetables) 5m of buffer zone (High ornamentals)
Residents	Acceptable	None (Field, Low vegetables) 5m of buffer zone (High ornamentals)

No unacceptable risk for operators, workers, bystanders and residents was identified when the product is used as intended. No specific PPE is necessary

A summary of the critical uses and the overall conclusion regarding exposure for operators, workers and bystanders/residents is presented in the following table.

Table 6.1.4 Critical uses and overall conclusion of exposure assessment

~~1~~	~~2~~	~~3~~	~~4~~	~~5~~	~~6~~	~~7~~	~~8~~	~~9~~	~~10~~			
~~Zonal uses (field or outdoor uses, certain types of protected crops)~~												
~~Use No.*~~	~~Crops and situation (e.g. growth stage of crop)~~	~~F, Fn, Fpn, G, Gn, Gpnon I**~~	~~Application~~		~~Application rate~~		~~PHI (d)~~	~~Remarks:~~ ~~(e.g. safener/synergist (L/ha))~~ ~~critical gap for operator, worker, bystander or resident exposure based on [Exposure model]~~	~~Acceptability of exposure assessment~~			
			~~Method / Kind~~ ~~(incl. application technique ***~~	~~Max. number (min. interval between applications)~~ ~~a) per use~~ ~~b) per crop/ season~~	~~Max. application rate kg as/ha~~ ~~a) a.s. 1~~ ~~b) a.s. 2~~	~~Water L/ha~~ ~~min / max~~			~~Operator~~	~~Worker~~	~~Bystander~~	~~Residents~~
~~1~~	~~*Winter oilseed rape* (BRSNW)~~	~~F~~	~~Spray, medium sprayer~~	~~a)1 b)2~~	~~a) 0.9 - 1.0 L/ha b) 1.8 - 2.0 L/ha~~	~~200 - 400~~	~~n/a~~	~~Operators [German model and UK POEM], workers, bystanders and residents~~	~~R~~	~~R~~	~~A~~	~~A~~
~~2~~	~~*Winter oilseed rape* (BRSNW)~~	~~F~~	~~Spray, medium sprayer~~	~~a)1 b)1~~	~~a) 0.9 - 1.0 L/ha b) 0.9 - 1.0 L/ha~~	~~200 - 400~~	~~n/a~~					

1	2	3	4	5	6	7	8	9	10			
Zonal uses (field or outdoor uses, certain types of protected crops)												
3	*Sugar beet* (BEAVX)	F	Spray, medium sprayer	a)1 b)1	a) 0.8 - 1.0 L/ha b) 0.8 - 1.0 L/ha	200 - 400	n/a					
Interzonal uses (use as seed treatment, in greenhouses (or other closed places of planet production), as post-harvest treatment or for treatment of empty storage rooms)												
4												
5												
6	*Spring oilseed rape (BRSNS), Sinapis alba (SINAL), Papaver somniferum (PAPSO), Glycine max (GLYMA), Helianthus annuus (HELAN), Cucurbita pepo (CUUPE) (seed production only), Linum usitatissimum (LIUUT) - technical and seed production, Cannabis sativa CNISA) - technical and seed production*	F	Sprav. medium sprayer	a)1 b)1	a) 0.9 - 1.0 L/ha b) 1.8 - 2.0 L/ha	200 - 400	n/a					
7	*Brassica napus subsp. rapifera (BRSNA)((roots only), Cichorium intybus (CICIN) (roots only), Beta vulgaris subsp. vulgaris (BEAVD), Brassica napus subsp. rapifera (BRSNA), Armoracia rusticana (ARWLA), Apium graveolens var. rapaceum (APUGR)*	F	Spray, medium sprayer	a)1 b)1	a) 0.8 - 1.0 L/ha b) 0.8 - 1.0 L/ha	200 - 400	n/a					
8	Ornamental nursery plants, forest nursery plants, renewals, afforestation and plantations of forest trees	F	Spray, medium sprayer	a)1 b)2	a) 1.0 L/ha b) 2.0 L/ha	300 - 1200	n/a					
9	Energetic plants, *Salix viminalis(SAXVI), Wicker (1SAXG*	F	Spray, medium sprayer	a)1 b)2	a) 1.0 L/ha b) 2.0 L/ha	300 - 1200	n/a					
10	*Nicotiana tabacum (NIOTA)*	F	Spray. medium sprayer	a)1 b)2	a) 1.0 L/ha b) 2.0 L/ha	300 - 1200	n/a					

1	2	3	4	5	6	7	8	9	10			
Use-No.*	Crops and situation (e.g. growth stage of crop)	F, Fn, Fpn G, Gn, Gpn or I **	Application		Application rate		PHI (d)	Remarks: (e.g. safener/synergist (L/ha)) critical gap for operator, worker, resident or bystander exposure based on [Exposure model]	Acceptability of exposure assessment			
			Method / Kind (incl. application technique ***	Max. number (min. interval between applications) a) per use b) per crop/ season	Max. application rate kg as/ha a) a.s. 1 b) a.s. 2	Water L/ha min / max			Operator	Worker	Residents	Bystander
1	Field crops Covered: 1.2.6 (oilseed rape)	F	Spray, medium sprayer, LC, TM	a) 1 b) 2 (Min. 90/120)	a) 0.2925-0.325 kg a.s./ha (AZX 0.18-0.2 kg a.s./ha + DIF 0.1125-0.125 kg a.s/ha) b) 0.585-0.65 kg a.s./ha (AZX 0.36-0.4 kg a.s./ha + DIF 0.225-0.25 kg a.s/ha)	200-400	n/a	Model OPEX ~~version: 1.0.1~~ version: 1.0.2	A	A	A	A
2	Low vegetables Covered: 3~~, 4,5~~ 6,7 (worst case)	F	Spray, medium sprayer LC, TM	a)1 b)2 ~~(N/A)~~ (Min. 90/120)	a) 0.2925-0.325 kg a.s./ha (AZX 0.18-0.2 kg a.s./ha + DIF 0.1125-0.125 kg a.s/ha) b) 0.585-0.65 kg a.s./ha (AZX 0.36-0.4 kg a.s./ha + DIF 0.225-0.25 kg a.s/ha)	200-400	n/a	Model OPEX ~~version: 1.0.1~~ version: 1.0.2	A	R	A	A
~~3~~	~~Low ornamentals Covered: 8~~	~~F~~	~~Spray, medium sprayer~~	~~a)1 b)2~~	~~a) 0.325 kg a.s./ha (AZX 0.2 kg a.s./ha + DIF 0.125 kg a.s/ha) b) 0.65 kg a.s./ha (AZX 0.4 kg a.s./ha + DIF 0.25 kg a.s/ha)~~	~~300-1200~~	~~n/a~~	~~Model OPEX version: 1.0.1~~				
~~4~~ 3	High ornamentals Covered: 8, 10, 9	F	Spray, medium sprayer HC, HH	a)1 b)2 (14)	a) 0.325 kg a.s./ha (AZX 0.2 kg a.s./ha + DIF 0.125 kg a.s/ha) b) 0.65 kg a.s./ha (AZX 0.4 kg a.s./ha + DIF 0.25 kg a.s/ha)	300-1200	n/a	Model OPEX ~~version: 1.0.1~~ version: 1.0.2	A	R	R	R

1	2	3	4	5	6	7	8	9	10			
~~5~~	~~Orchards Covered: 9~~	~~F~~	~~Spray, medium sprayer~~	~~a)1 b)2~~	~~a) 0.325 kg a.s./ha (AZX 0.2 kg a.s./ha + DIF 0.125 kg a.s/ha) b) 0.65 kg a.s./ha (AZX 0.4 kg a.s./ha + DIF 0.25 kg a.s/ha)~~	~~300-1200~~	~~n/a~~	~~Model OPEX version: 1.0.1~~				

* 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
*** e.g. LC: low crops, HC: high crop, TM: tractor-mounted, HH: hand-held

Explanation for column 10 "Acceptability of exposure assessment"

A	Exposure acceptable without PPE / risk mitigation measures
R	Further refinement and/or risk mitigation measures required
N	Exposure not acceptable/ Evaluation not possible

6.2 Toxicological Information on Active Substance(s)

Information regarding classification of the active substances and on EU endpoints and critical areas of concern identified during the EU review are given in Table 6.21.

Table 6.2.1: Information on active substance(s)

	Difenoconazole	**Azoxystrobin**
Common Name	Difenoconazole	Azoxystrobin
CAS-No.	119446-68-3	131860-33-8
Classification and proposed labelling		
With regard to toxicological endpoints (according to the criteria in Reg. 1272/2008, as amended)	~~No harmonized classification~~ Carc. 2, H351 Acute Tox. 4, H302 Eye Irrit., H319 GHS08, GHS07, Wng Acc. To Commission Delegated Regulation (EU) 2024/197 of 19 October 2023 amending Regulation (EC) No 1272/2008 as regards the harmonised classification and labelling of certain substances (21 ATP)	Hazard classes, categories: Acute Tox. 3*, Aquatic Acute 1, Aquatic Chronic 1 Code(s) for hazard pictogram(s): H331, H400, H410 Signal word: danger Hazard statements: Toxic if inhaled Very toxic to aquatic life with long lasting effects.
Additional C&L proposal	None	None
Agreed EU endpoints		
AOEL systemic	0.16 mg /kg bw/d	0.2 mg/kg bw/day
Reference	EFSA Journal 2011;9(1):1967	EFSA Journal 2010; 8(4):1542
Conditions to take into account/critical areas of concern with regard to toxicology		

	Difenoconazole	Azoxystrobin
Review Report/EFSA Conclusion for active substance	None, EFSA Journal 2011;9(1):1967	None, EFSA Journal 2010; 8(4):1542

6.3 Evaluation of Plant Protection Product

A summary of the toxicological evaluation for CHR/F/SCORPIO 325 SC is given in the following tables. Full summaries of studies on the product that have not been previously considered within an EU peer review process are described in detail in Appendix 2

Table 6.3.1: Summary of evaluation of the studies on acute toxicity including irritancy and skin sensitisation for CHR/F/SCORPIO 325 SC

Type of test, species, model system (Guideline)	Result	Acceptability	Classification (acc. to the criteria in Reg. 1272/2008)	Reference
LD_{50} oral, (calculation method – alternative method)	2014 mg/kg bw	Y	None	K. Czerwińska (2024)
LD_{50} dermal (calculation method – alternative method)	Non determined – no relevant ingredient	Y	None	K.Czerwińska (2024)
LC_{50} inhalation, (calculation method – alternative method)	3.45 mg/L air	Y	**Acute Tox. 4, H332**	K. Czerwińska (2024)
Skin irritation, (calculation method)	Non-irritant	Y	None	K. Czerwińska (2024)
Eye irritation, (calculation method)	Corrosive	Y	**Eye Dam. 1, H318**	K. Czerwińska (2024)
Skin sensitisation (caluclation method)	Non-sensitising	Y	None EUH208	K. Czerwińska (2024)
Supplementary studies for combinations of plant protection products	No data – not required			

Table Błąd! W dokumencie nie ma tekstu o podanym stylu.**.1:Additional toxicological information relevant for classification/labelling of product code/name**

	Substance (Concentration in product, % w/w)	Classification of the substance (acc. to the criteria in Reg. 1272/2008)	Reference	Classification of product (acc. to the criteria in Reg. 1272/2008)
Toxicological properties of active substance(s) (relevant for classification of product)	Azoxystrobin (CAS: 131860-33-8 – 19 % (w/w))	Acute Tox. 3, H331 ATE = 0.7 mg/L (dusts/mists)	Annex VI of Reg. 1272/2008	Acute Tox. 4, H332
	Difenoconazole (CAS: 119446-68-3 – 12 % (w/w))	~~Acute Tox. 4, H302~~ ~~Acute Tox. 4, H332~~ Carc. 2, H351 Acute Tox. 4, H302 Eye Irrit., H319	21 ATP	Carc. 2, H351

	Substance (Concentration in product, % w/w)	Classification of the substance (acc. to the criteria in Reg. 1272/2008)	Reference	Classification of product (acc. to the criteria in Reg. 1272/2008)
Toxicological properties of non-active substance(s) (relevant for classification of product)	Alcohols, C16-18, etoxylated (CAS 68439-49-6, > 20 %)	Acute Tox. 4, H302 Eye Dam. 1, H318		Eye Dam. 1, H318
	1,2-Benzisothiazol-3(2H)-one (CAS 2634-33-5, >0.0036%)	Acute Tox. 4, H302 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317	21 ATP	EUH208
Further toxicological information	No data – not required			

* Please use concentration range or concentration limit (e.g. 1-10 % or > 1 %) as provided in MSDS.
** Material safety data sheet by the applicant

6.4 Toxicological Evaluation of Groundwater Metabolites

The following data on metabolites with the potential to reach the groundwater in concentrations above 0.1 µg/L and requiring relevance assessment were submitted. Note that the relevance assessment of the metabolites is reported in Part B.10; the submitted toxicological studies are summarized in this document.

6.4.1 Metabolite of Azoxystrobin - R234886

An overview of the results of the accepted toxicological studies for groundwater metabolite R234886 is given in the following table. ~~Full summaries of studies on the metabolite that have previously been considered within an EU peer review process are described in detail in Appendix 2 (A 2.11 Other/Special Studies).~~

Table 6.4.1: Summary of the results of toxicity studies for R234886

Type of test, species (Guideline)	Result	Acceptability	Reference*
OECD 425	The acute oral LD 50 of azoxystrobin metabolite R234886 to female rats is greater than 5000 mg/kg bodyweight.	Y	Straube E (2005)
OECD 471 /EPA 870.5100/EC B13 / B14	Azoxystrobin metabolite R234886 gave a negative, i.e. non-mutagenic, response in S.typhimurium strains TA1535, TA1537, TA98 and TA100 and E.coli strains WP2 (pKM101) and WP2 uvrA (pKM101)	Y	Callander R (2005)

Type of test, species (Guideline)	Result	Acceptability	Reference*
	in both the presence and absence of metabolic activation.		

* indicates that a study was reviewed at EU level

6.5 Dermal Absorption (KCP 7.3)

A summary of the dermal absorption rates for the active substances in CHR/F/SCORPIO 325 SC are presented in the following table.

Table 6.5.1: Dermal absorption rates for active substances in CHR/F/SCORPIO 325 SC

	~~Difenoconazole~~		~~Azoxystrobin~~	
	~~Value~~	~~Reference~~	~~Value~~	~~Reference~~
~~Concentrate~~	~~10 %~~	~~EFSA Journal 2017;15(6):4873~~	~~10 %~~	~~EFSA Journal 2017;15(6):4873~~
~~Dilution~~	~~50 %~~	~~EFSA Journal 2017;15(6):4873~~	~~50 %~~	~~EFSA Journal 2017;15(6):4873~~

	CHR/F/SCORPIO 325 SC	
	Value	Reference
Concentrate	10%	EFSA Journal 2017;15(6):4873
Dilution (dilution factor)	50%	EFSA Journal 2017;15(6):4873

6.5.1 Justification for proposed values - Difenoconazole

No data on dermal absorption for difenoconazole in CHR/F/SCORPIO 235 SC is available. ~~Justifications for default dilution values according to Toner&Swanson (2013) are presented in the following table.~~

Table 6.5.2: Default dermal absorption rates for Difenoconazole

	Value	Justification for value	Acceptability of justification
Concentrate	~~25 %~~ 10%	~~A default dermal absorption value of 25% may be applied for concentrated products that are solid-formulated~~ EFSA Journal 2017;15(6):4873	Y
~~In-use dilution 1~~	~~35%~~	~~A default dermal absorption value of 35-44%% may be~~	

	Value	Justification for value	Acceptability of justification
In use dilution 2	44%	applied for concentrated dilution products that are solid-formulated. EFSA Journal 2017;15(6):4873	
Dilution	50%	EFSA Journal 2017;15(6):4873	Y

Proposed dermal absorption rates for difenoconazole are based on dermal absorption studies on a formulation identical to product code/name. The study results are summarized in the following table. Full summaries of studies on the dermal absorption of difenoconazole that have not previously been evaluated within an EU peer review process are described in detail in Appendix 2. The results of the experiments with product CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC are not applicable for the risk assessment of the present application.

The rate and extent of absorption of Difenoconazole as a suspension concentrate (SC) formulation in Difenoconazole/Azoxystrobin SC (A18253A) was measured in vitro through human split thickness skin. The concentration of Difenoconazole in the concentrate SC formulation was 125 g/L. The highest concentration in use spray dilution was 0.625 g/L and the lowest concentration in use spray dilution was 0.0833 g/L. These concentrations covered the intended in use concentration range to human split thickness skin.
The dose was applied at 10 µL/cm² and left unoccluded for an experimental period of 24 h, with an interim wash at 6 h post application. The distribution of Difenoconazole within the test system and a 24 h absorption profile was determined using liquid scintillation counting.
The mass balance for [14C] Difenoconazole Formulation Concentrate, 0.625 g/L Spray Dilution and 0.0833 g/L Spray Dilution was 99.68%, 102.04% and 99.81% of the applied dose, respectively. All the mass balances were acceptable according to the OECD guideline criteria (100% ± 10%) with the exception of Cell 21 (114.36%) which was subsequently rejected from mean and SD calculations.
The study demonstrated that the amount of Difenoconazole absorbed through human split thickness skin membranes over 24 h (following a 6 h exposure) from the Formulation Concentrate (125 g/L) and the intended in use concentrations, 0.625 g/L and 0.0833 g/L, in a Difenoconazole/Azoxystrobin suspension concentrate (SC) formulation (A18253A) were 0.26%, 19.56% and 25.38%, respectively, of the applied dose, as measured in the receptor fluid and receptor chamber wash.

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The default dermal adsorption value was 25% for formulation concentrate at the time of the Registration A13703G. According to EFSA Journal 2017;15(6):4873 a default dermal absorption value is 10% for formulation concentrate.

Overall the dermal absorption values for risk assessment for difenoconazole from CHR/F/SCORPIO 325 SC are:
Concentrate: 10 %
In use dilution: 44 % as a worst case

6.5.2 Justification for proposed values – Azoxystrobin

No data on dermal absorption for azoxystrobin in CHR/F/SCORPIO 235 SC is available. Justifications for

default values according to Guidance on Dermal Absorption (EFSA Journal 2017;15(6):4873) are presented in the following table.

Table 6.5.3: Default dermal absorption rates for Azoxystrobin

	Value	Justification for value	Acceptability of justification
Concentrate	10%	~~A default dermal absorption value of 10% may be applied for concentrated products that are solid formulated~~ EFSA Journal 2017;15(6):4873	Y
Dilution	50%	~~A default dermal absorption value of 50% may be applied for concentrated products that are solid formulated~~ EFSA Journal 2017;15(6):4873	Y

6.6 Exposure Assessment of Plant Protection Product (KCP 7.2)

Table 6.6.1: Product information and toxicological reference values used for exposure assessment

Product name and code	CHR/F/SCORPIO 325 SC	
Formulation type	SC	
Category	Fungicide	
Container size(s), short description	250 ml - 22 000 ml HDPE 275 ml - 10 000 ml HDPE/PA 312 ml - 10000ml HDPE/F 250 ml - 20000 ml HDPE/EvOH	
Active substance(s) (incl. content)	**Difenoconazole** 125 g/L	**Azoxystrobin** 200 g/L
AOEL systemic	0.16 mg/kg bw/d	0.2 mg/kg bw/d
Inhalation absorption	100%	100 %
Oral absorption	100 %	100 %
Dermal absorption	Concentrate: ~~25 %~~ 10% ~~Dilution 1: 35 % (10.25 g/l)~~ ~~Dilution 2: 44% (0.0833 g/l)~~ ~~Based on formulation Amistar Top (product code: A13703G) and default value~~ Dilution: 50 % (Default)	Concentrate: 10 % Dilution: 50 % (Default)

6.6.1 Selection of critical use(s) and justification

The critical GAP used for the exposure assessment of the plant protection product is shown in Table 6.1.4. A list of all intended uses within the zone is given in Part B, Section 0.

6.6.2 Operator exposure (KCP 7.2.1)

zRMS's comment	Acceptable. The Applicant performed operator exposure calculations using the EFSA OPEX calculator version 1.0.2 (29/04/2024). The report containing the calculation results is included in Appendix 3. The calculation results revealed that the use of CHR/F/SCORPIO 325 SC is safe for the operator wearing only a workwear, if the product is used as intended. However, taking into account the CHR/F/SCORPIO 325 SC classification (Carc. 2. H351, Eye, Dam. 1, H318 and Acute Tox. 4, H332), eye and face protection is recommended during the mixing/loading step.

6.6.2.1 Estimation of operator exposure

A summary of the exposure models used for estimation of operator exposure to the active substances during application of CHR/F/SCORPIO 325 SC according to the critical use(s) is presented in Table 6.6.2. Outcome of the estimation is presented in Table 6.63. Detailed calculations are in Appendix 3.

Table 6.6.2: Exposure models for intended uses

~~Critical uses~~	~~Oilseed rape~~ ~~(Winter oilseed rape)~~ ~~(1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical uses~~	~~Oilseed rape~~ ~~(Winter oilseed rape, Spring oilseed rape, Sinapsis alba [White mustard], Papaver somniferum [Breadseed poppy], Glycine max [Soybean], Helianthus annuus [sunflower] Linum usitatissimum [Flax], Cannabis sativa [Hemp]~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical use~~	~~Fruiting vegetables~~ ~~(Cucurbita pepo [pumpkin])~~ ~~(2 x 1.0L product/ha)~~
~~Model~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical uses~~	~~Root and steem vegetables~~ ~~(Sugar beet, Brassica napus subsp. Rapifera (Swede), Beta vulgaris subsp. Vulgaris [Leaf beet], Armoracia rusticana [Horseradish], Apium graveolens var.rapaceum [Celeriac])~~ ~~(1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for~~

	~~Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX_MODEL~~
~~Critical uses~~	~~Leafy vegetables~~ ~~(Cichorium intybus [Common chicory])~~ ~~(1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX_MODEL~~
~~Critical uses~~	~~Leafy vegetables~~ ~~(Nicotiana tabacum [Tabacco])~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX_MODEL~~
~~Critical uses~~	~~Ornamental/nursery plants~~ ~~(Ornamental nursery plants, Forest nursery plants, Renewals, afforestation and plantations of forest trees)~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX_MODEL~~
~~Critical use~~	~~Pome fruit~~ ~~(Wicker, Salix viminalis)~~ ~~(2 x 1.0L product/ha)~~
~~Model~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~

Critical uses	Field crops (max. 2 x 1 L product/ha) Low vegetables (max. 2 x 1 L product/ha as a worst case) Low vegetables (re-entry activity: removing bolting sugar beet, max. 1x 1 L product/ha) Low vegetables (harvest and maintenance for Brassica only max. 1 x 1 L product/ha) ~~Low ornamentals (max. 2 x 1 L product/ha)~~ High ornamentals (max. 2 x 1 L product/ha) ~~Orchards (max. 2 x 0.8 product/ha)~~
Model	OPEX ~~version: 1.0.1~~ version: 1.0.2

Table 6.6.3: Estimated operator exposure

		Difenoconazole		Azoxystrobin	
Model data	Level of PPE	Total absorbed dose (mg/kg/day)	% of systemic AOEL	Total absorbed dose (mg/kg/day)	% of systemic AOEL
OILSEED RAPE Field crops 1L per season Vehicle-mounted; downward spraying Application rate: 0.125 kg a.s./ha difenoconazole; 0.2 kg a.s/ha azoxystrobin					
AOEM Model 75th percentile Body weight: 60 kg	Risk assessment is covered by double application.				
OPEX MODEL	Risk assessment is covered by double application.				
OILSEED RAPE Field crops 2L per season Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin					
AOEM Model 75th percentile Body weight: 60 kg	Potential exposure	0.149	93.21	0.098	49.14
	Gloves + work wear – arms, body and legs covered (during M&L)	0.013	8.28	0.021	10.60
	Work wear and protective gloves (during M/L&A)	0.004	2.25	0.003	1.68
OPEX MODEL	no PPE**	-	113 49.3	-	60.50
	+ type of PPE (work wear and protective gloves)	-	6.3 32.4	-	9.9
FRUTING VEGETABLES Low vegetables 2L Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin					
AOEM Model 75th percentile Body weight: 60 kg	Potential exposure	0.149	93.21	0.098	49.14
	Gloves + work wear – arms, body and legs covered (during M&L)	0.013	8.28	0.021	10.60
	Work wear and protective gloves (during M/L&A)	0.004	2.25	0.003	1.68
OPEX MODEL	no PPE**	-	113 49.3	-	60.5
	+ type of PPE (work wear and protective gloves)	-	6.3 32.4	-	39.9

ROOT AND STEEM VEGETABLES 1L Vehicle-mounted; downward spraying Application rate: 0.125 kg a.s./ha difenoconazole; 0.2 kg a.s/ha azoxystrobin					
AOEM Model 75th percentile Body weight: 60 kg	Potential exposure	0.149	93.21	0.098	49.14
	Gloves + work wear – arms, body and legs covered (during M&L)	0.013	8.28	0.021	10.60
	Work wear and protective gloves (during M/L&A)	0.004	2.25	0.003	1.68
OPEX MODEL	no PPE**	-	113 49.3	-	60.5
	+ type of PPE (work wear and protective gloves)	-	6.3 32.4	-	9.9
LEAFY VEGETABLES 1L Vehicle-mounted; downward spraying Application rate: 0.125 kg a.s./ha difenoconazole; 0.2 kg a.s/ha azoxystrobin					
AOEM Model 75th percentile Body weight: 60 kg	Risk assessment is covered by double application.				
OPEX MODEL	Risk assessment is covered by double application.				
LEAFY VEGETABLES 2L Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin					
AOEM Model 75th percentile Body weight: 60 kg	Potential exposure	0.149	93.21	0.098	49.14
	Gloves + work wear – arms, body and legs covered (during M&L)	0.013	8.28	0.021	10.60
	Work wear and protective gloves (during M/L&A)	0.004	2.25	0.003	1.68
OPEX MODEL	no PPE**	-	113 49.3	-	60.5
	+ type of PPE (work wear and protective gloves)	-	6.3 32.4	-	9.9
ORNAMENTAL/NURSERY PLANTS 2L Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin					
AOEM Model	Potential exposure	0.078	48.25	0.088	44.07

75th percentile Body weight: 60 kg	Gloves + work wear – arms, body and legs covered (during M&L)	0.036	22.55	0.065	32.41
	Work wear and protective gloves (during M/L&A)	0.001	0.80	0.001	0.74
OPEX MODEL low ornamentals	no PPE**	-	113 49.3	-	60.5
	+ type of PPE (work wear and protective gloves)	-	6.3 32.4	-	9.9
OPEX MODEL high ornamentals	no PPE**	-	108 86.8	-	161
	+ type of PPE (work wear and protective gloves)	-	22.6 32	-	43
POME FRUIT 2L Vehicle-mounted; upward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin					
AOEM Model 75th percentile Body weight: 60 kg	Potential exposure	0.16	98.06	0.230	115.17
	Gloves + work wear – arms, body and legs covered (during M&L)	0.11	72.36	0.207	103.51
	Work wear and protective gloves (during M/L&A)	0.01	8.54	0.024	11.89
OPEX MODEL	no PPE**	-	108 86.8	-	161
	+ type of PPE (work wear and protective gloves)	-	22.6 32	-	43

* no PPE: Operator wearing T-shirt and shorts
** no PPE: Operator wearing long-sleeved shirt, long trousers ("permeable") but no gloves

The exposure was calculated for every available application technique for every crops.

		Difenoconazole	Azoxystrobin
Model data	**Level of PPE**	**% of systemic AOEL**	**% of systemic AOEL**
Field crops (winter oilseed rape, spring oilseed rape) Application method: downward spraying Application technique: normal &vehicle-mounted Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha Re-entry activity: Inspection, irrigation			
OPEX v.1.0.1	no PPE	49.3 50.2	56.6

OPEX v.1.0.2	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32.4~~ 33	36.8
Low vegetables (mustard, papaver somniferum, soybean, sunflower, pumpkin, hemp/flax; covered: cichorium intybus, horseradish, celeriac) Application method: downward spraying Application technique: Normal&vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha (worst case) Re-entry activity: Inspection, irrigation			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Application technique : Normal&vehicle-mounted	no PPE	~~49.3~~ 50.2	56.6
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32.4~~ 33	36.8
~~**OPEX v.1.0.1**~~ ~~Application technique:Normal & Manual-Hand held~~	~~no PPE~~	~~422~~	~~385~~
	~~+PPE (protected body) during mixing/loading and application~~	~~53.7~~	~~49.8~~
~~**OPEX v.1.0.1**~~ ~~Application technique:Normal & Manual-Knapsack~~	~~no PPE~~	~~426~~	~~386~~
	~~+PPE (protected body) during mixing/loading and application~~	~~58.5~~	~~52~~
Low vegetables (mustard, papaver somniferum, soybean, sunflower, pumpkin, hemp/flax; covered: cichorium intybus, horseradish, celeriac) Application method: downward spraying Application technique: Normal&vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha (worst case) Re-entry activity: Reaching, picking (all except Brassica)			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Application Technique: normal&Vehicle mounted	no PPE	~~49.3~~ 50.2	56.6
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32.4~~ 33	36.8
~~**OPEX v.1.0.1**~~ ~~Application Technique: normal&Manual-Hand held~~	~~no PPE~~	~~422~~	~~385~~
	~~+PPE (protected body) during mixing/loading and application~~	~~53.7~~	~~49.8~~
~~**OPEX v.1.0.1**~~	~~no PPE~~	~~426.4~~	~~386~~

~~Application Technique: normal&Manual-Knapsack~~	~~+PPE (protected body) during mixing/loading and application~~	~~58.5~~	~~52~~
Low vegetables (beetroot) Application method: downward spraying Application technique: Normal&Vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 1 x 0.2 kg azoxystrobin/ha, 1 x 0.125 kg difenoconazole/ha Re-entry activity: Removing bolting sugar beets			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Application Technique: normal&Vehicle-mounted	no PPE	~~49.3~~ 50.2	56.6
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32.4~~ 33	36.8
~~**OPEX v.1.0.1**~~ ~~Application Technique: normal&Manual-Hand held~~	~~no PPE~~	~~422~~	~~285~~
	~~+PPE (protected body) during mixing/loading and application~~	~~53.7~~	~~49.8~~
~~**OPEX v.1.0.1**~~ ~~Application Technique: normal&Manual-Knapsack~~	~~no PPE~~	~~426~~	~~386~~
	~~+PPE (protected body) during mixing/loading and application~~	~~58.5~~	~~52~~
Low vegetables (rutabaga) Application method: downward spraying Application technique: Normal&Vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 1 x 0.2 kg azoxystrobin/ha, 1 x 0.125 kg difenoconazole/ha Re-entry activity: Maintenance (Brassica only)			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Application Technique: normal&Vehicle-mounted	no PPE	~~49.3~~ 50.2	56.6
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32.4~~ 33	36.8
~~**OPEX v.1.0.1**~~ ~~Application Technique: normal&Manual-Hand held~~	~~no PPE~~	~~422~~	~~385~~
	~~+PPE (protected body) during mixing/loading and application~~	~~53.7~~	~~49.8~~
~~**OPEX v.1.0.1**~~ ~~Application Technique: normal&Manual-Hand held~~	~~no PPE~~	~~426~~	~~386~~
	~~+PPE (protected body) during mixing/loading and application~~	~~58.5~~	~~52~~

Low vegetables (rutabaga) Application method: downward spraying Application technique: Normal&Vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 1 x 0.2 kg azoxystrobin/ha, 1 x 0.125 kg difenoconazole/ha Re-entry activity: Harvest (only Brassica)			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Application Technique: normal&~~Manual-Hand held~~ Vehicle-mounted	no PPE	~~49.3~~ 50.2	56.6
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32.4~~ 33	36.8
~~**OPEX v.1.0.1**~~ ~~Application Technique: normal&Manual-Hand held~~	~~no PPE~~	~~422~~	~~385~~
	~~+PPE (protected body) during mixing/loading and application~~	~~53.7~~	~~49.8~~
~~**OPEX v.1.0.1**~~ ~~Application Technique: normal&Manual-Knapsack~~	~~no PPE~~	~~426~~	~~386~~
	~~+PPE (protected body) during mixing/loading and application~~	~~58.5~~	~~52~~
~~**Low ornamentals** (Ornamental nursery plants, forest nursery plants, renewals, afforestation and plantations of forest tree)~~ ~~Vehicle-mounted, Manual Hand held, Manual Knapsack; downward spraying~~ ~~Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha~~ ~~Re-entry activity: Cutting, sorting, bundling, carrying~~			
~~**OPEX v.1.0.1**~~ ~~Vehicle-mounted~~	~~no PPE~~	~~49.3~~	~~56.6~~
	~~+PPE (protected body) during mixing/loading and application~~	~~32.4~~	~~36.8~~
~~**OPEX v.1.0.1**~~ ~~Normal&Manual-Hand held~~	~~no PPE~~	~~422~~	~~385~~
	~~+PPE (protected body) during mixing/loading and application~~	~~53.7~~	~~49.8~~
~~**OPEX v.1.0.1**~~ ~~Normal&Manual-Knapsack~~	~~no PPE~~	~~426~~	~~386~~
	~~+PPE (protected body) during mixing/loading and application~~	~~58.5~~	~~52~~

~~Low ornamentals~~ ~~(Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree)~~ ~~Vehicle-mounted, Manual Hand held, Manual Knapsack; downward spraying~~ ~~Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha~~ ~~Re-entry activity: Inspection, irrigation~~			
~~**OPEX v.1.0.1**~~ ~~Vehicle-mounted~~	~~no PPE~~	~~49.3~~	~~56.6~~
	~~+PPE (protected body) during mixing/loading and application~~	~~32.4~~	~~36.8~~
~~**OPEX v.1.0.1**~~ ~~Normal&Manual-Hand held~~	~~no PPE~~	~~422~~	~~385~~
	~~+PPE (protected body) during mixing/loading and application~~	~~53.7~~	~~49.8~~
~~**OPEX v.1.0.1**~~ ~~Normal&Manual-Knapsack~~	~~no PPE~~	~~426~~	~~385~~
	~~+PPE (protected body) during mixing/loading and application~~	~~58.5~~	~~49.8~~
High ornamentals (Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree, tobacco) Application method:upward spraying; buffer strip: 5 m; Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha Re-entry activity: Cutting, sorting, bundling, carrying			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Normal&Vehicle-mounted	no PPE	~~86.8~~ 96.6	120
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32~~ 34.9	41.5
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Normal&Manual-Hand held	no PPE	~~269~~ 304	267
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~18.1~~ 19.8	20.7
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Normal&Manual-Knapsack	no PPE	~~216~~ 244	211
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~17.6~~ 18.6	16

High ornamental (Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree, tobacco) Application method:upward spraying; buffer strip: 5 m; Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack rate Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha Re-entry activity: Inspection, irrigation			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Normal&Vehicle-mounted	no PPE	~~86.8~~ 96.6	120
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~32~~ 34.9	41.5
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Normal&Manual-Hand held	no PPE	~~269~~ 304	267
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~18.1~~ 19.8	20.7
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Normal&Manual-Knapsack	no PPE	~~216~~ 244	211
	~~+PPE (protected body)~~ Workwear during mixing/loading and application	~~17.6~~ 18.6	16
~~**Orchards** (energetic plants, salix viminalis, wicker)~~ ~~Application method:upward spraying; buffer strip: 5 m;~~ ~~Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack~~ ~~Application rate: 2 x 0.160 2 kg azoxystrobin/ha, 2 x 0.100 125 kg difenoconazole/ha~~ ~~Re-entry activity: Maintenance/thinning~~			
~~**OPEX v.1.0.1**~~ ~~Vehicle – mounted~~	~~no PPE~~	~~70.6~~	~~97.2~~
	~~+PPE (protected body) during mixing/loading and application~~	~~26.6~~	~~34.3~~
~~**OPEX v.1.0.1**~~ ~~Normal&Manual-Hand held~~	~~no PPE~~	~~257~~	~~255~~
	~~+PPE (protected body) during mixing/loading and application~~	~~16.1~~	~~18.2~~
~~**OPEX v.1.0.1**~~ ~~Normal&Manual-Knapsack~~	~~no PPE~~	~~209~~	~~203~~
	~~+PPE (protected body) during mixing/loading and application~~	~~17.2~~	~~15.4~~

Orchards (energetic plants, salix viminalis, wicker) Application method:upward spraying; buffer strip: 5 m; Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack Application rate: 2 x 0.160 2 kg azoxystrobin/ha, 2 x 0.100 125 kg difenoconazole/ha Re-entry activity: Inspection, irrigation			
OPEX v.1.0.1 Vehicle – mounted	no PPE	70.6	97.2
	+PPE (protected body) during mixing/loading and application	26.6	34.3
OPEX v.1.0.1 Normal&Manual-Hand held	no PPE	257	255
	+PPE (protected body) during mixing/loading and application	16.1	18.2
OPEX v.1.0.1 Normal&Manual-Knapsack	no PPE	209	203
	+PPE (protected body) during mixing/loading and application	17.2	15.4
Orchards (energetic plants, salix viminalis, wicker) Application method:upward spraying; buffer strip: 5 m; Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack Application rate: 2 x 0.160 2 kg azoxystrobin/ha, 2 x 0.100 125 kg difenoconazole/ha Re-entry activity: Searching, reaching, picking			
OPEX v.1.0.1 Vehicle-mounted	no PPE	78.5	97.2
	+PPE (protected body) during mixing/loading and application	29	34.3
OPEX v.1.0.1 Normal&Manual-Hand held	no PPE	292	255
	+PPE (protected body) during mixing/loading and application	17.6	18.2
OPEX v.1.0.1 Normal&Manual-Knapsack	no PPE	236	203
	+PPE (protected body) during mixing/loading and application	18.1	15.4

6.6.3 Measurement of operator exposure

Since the operator exposure estimations carried out indicated that the acceptable operator exposure level (AOEL) will not be exceeded under conditions of intended uses and considering above mentioned personal protective equipment (PPE), a study to provide measurements of operator exposure was not necessary and was therefore not performed.

6.6.4 Worker exposure (KCP 7.2.3)

zRMS's comment	Acceptable. The Applicant performed worker exposure calculations using the EFSA OPEX calculator version 1.0.2 (29/04/2024). The report containing the calculation results is included in Appendix 3. The calculation results revealed that the worker exposure to CHR/F/SCORPIO 325 SC is acceptable in the *Field* and *Low vegetable* scenarios if the worker is wearing the workwear. In the case of the *High ornamentals* scenario, the safe use is in all applications, if worker is wearing the workwear and uses gloves. However, taking into account the combined exposure to both active substances (azoxystrobin and difenoconazole), the Hazard Index (HI) in the *Low vegetables* scenario is 1 for reaching, picking activity and above 1 (HI=1.6) for sugar beets. The use of gloves reduces the combined exposure in both cases to the acceptable level (HI=0.2, value below 1). In the case of the *Low vegetables* scenario for Brassica, the HI value is 1.8 and unfortunately the TC for gloves is not available in the EFSA OPEX calculator version 1.0.2. Therefore, according to the harmonised approach at the national level, the worker exposure including gloves was calculated by zRMS using the EUROPOEM II model. The calculated Hazard Index was then at the acceptable level (HI=0.18) - see zRMS comment in Point 6.6.6.

6.6.4.1 Estimation of worker exposure

Table 6.6.4 shows the exposure model(s) used for estimation of worker exposure after entry into a previously treated area or handling a crop treated with CHR/F/SCORPIO 325 SC according to the critical use(s). Outcome of the estimation is presented in Table 6.6.5 Detailed calculations are in Appendix 3.

Table 6.6.4: Exposure models for intended uses

~~Critical uses~~	~~Oilseed rape (Winter oilseed rape) (1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products OPEX MODEL~~
~~Critical uses~~	~~Oilseed rape (Winter oilseed rape, Spring oilseed rape, Sinapsis alba [White mustard], Papaver somniferum [Breadseed poppy], Glycine max [Soybean], Helianthus annuus [sunflower] Linum usitatissimum [Flax], Cannabis sativa [Hemp] (2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products OPEX MODEL~~

~~Critical use~~	~~Fruiting vegetables~~ ~~(Cucurbita pepo [pumpkin])~~ ~~(2 x 1.0L product/ha)~~
~~Model~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical uses~~	~~Root and steem vegetables~~ ~~(Sugar beet, Brassica napus subsp. Rapifera (Swede), Beta vulgaris subsp. Vulgaris [Leaf beet], Armoracia rusticana [Horseradish], Apium graveolens var.rapaceum [Celeriac])~~ ~~(1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical uses~~	~~Leafy vegetables~~ ~~(Cichorium intybus [Common chicory]~~ ~~(1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical uses~~	~~Leafy vegetables~~ ~~(Nicotiana tabacum [Tabacco])~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical uses~~	~~Ornamental/nursery plants~~ ~~(Ornamental nursery plants, Forest nursery plants, Renewals, afforestation and plantations of forest trees)~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~
~~Critical use~~	~~Pome fruit~~ ~~(Wicker, Salix viminalis)~~ ~~(2 x 1.0L product/ha)~~
~~Model~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~

Critical uses	Field crops (max. 2 x 1 L product/ha) Low vegetables (max. 2 x 1 L product/ha as a worst case)

	Low vegetables (re-entry activity: removing bolting sugar beet) (max. 1x 1 L product/ha) Low vegetables (for Brassica only: 1 x 1 L product/ha) ~~Low ornamentals (max. 2 x 1 L product/ha)~~ High ornamentals (max. 2 x 1 L product/ha) ~~Orchards (max. 2 x 0.8 L product/ha)~~
Model	OPEX ~~version: 1.0.1~~ version: 1.0.2

Table 6.6.5: Estimated worker exposure

		~~Difenoconazole~~		~~Azoxystrobin~~	
~~Model data~~	~~Level of PPE~~	~~Total absorbed dose (mg/kg/day)~~	~~% of systemic AOEL~~	~~Total absorbed dose (mg/kg/day)~~	~~% of systemic AOEL~~
~~Number of applications and application rate: OILSEED RAPE 1L~~		~~1 x 0.125 kg a.s./ha~~		~~1 x 0.2 kg a.s./ha~~	
~~**AOEM MODEL:** 2 hours/day(1), TC: 12500 cm²/person/h total potential exposure 1400 cm² arms, body and legs covered Body weight: 60 kg~~	~~Risk assessment is covered by double application.~~				
~~**Model OPEX**~~	~~Risk assessment is covered by double application.~~				
~~Number of applications and application rate: OILSEED RAPE 2L~~		~~2 x 0.125 kg a.s./ha~~		~~2 x 0.2 kg a.s./ha~~	
~~**AOEM MODEL:** 2 hours/day(1), TC: 12500 cm²/person/h total potential exposure 1400 cm² arms, body and legs covered Body weight: 60 kg~~	~~no PPE~~	~~0.149~~	~~93.21~~	~~0.141~~	~~70.31~~
	~~with PPE (work wear arms, body and legs covered(3))~~	~~0.013~~	~~8.28~~	~~0.016~~	~~7.88~~
	~~with PPE (working wear and gloves)(4)~~	~~0.004~~	~~2.25~~	~~-~~	~~-~~
~~**MODEL OPEX**~~	~~no PPE(3)~~	~~-~~	~~48.1~~	~~-~~	~~98~~
	~~with PPE (work wear and protective gloves)(4)~~	~~-~~	~~4.8~~	~~-~~	~~9.8~~

Number of applications and application rate: FRUITING VEGETABLES 2L		2 x 0.125 kg a.s./ha		2 x 0.2 kg a.s./ha	
AOEM MODEL: 8 hours/day(1), TC: 5800 cm²/person/h total potential exposure 2500 cm² arms, body and legs covered Body weight: 60 kg	no PPE	0.143	89.72	0.261	130.50
	with PPE (work wear- arms, body and legs covered (3))	0.062	38.67	0.112	56.25
	with PPE (working wear and gloves)(4)	0.014	8.97	0.026	13.05
MODEL OPEX	no PPE(3)	-	48.1	-	98
	with PPE (work wear and protective gloves)(4)	-	4.8	-	9.8
Number of applications and application rate: ROOT VEGETABLES		1 x 0.125 kg a.s./ha		1x 0.2 kg a.s./ha	
AOEM MODEL: 2 hours/day(1), TC: 12500 cm²/person/h total potential exposure 1400 cm² arms, body and legs covered Body weight: 60 kg	no PPE(3)	0.069	42.97	0.125	62.50
	with PPE(4)	0.008	4.81	0.014	7.00
MODEL OPEX	no PPE(3)	-	48.1	-	98
	with PPE (work wear and protective gloves)(4)	-	4.8	-	9.8
Number of applications and application rate: LEAFY VEGETABLES 1L		1 x 0.125 kg a.s./ha		1 x 0.2 kg a.s./ha	
AOEM MODEL 8 hours/day(1), TC: 5800 cm²/person/h total potential exposure 2500 cm² arms, body and legs covered Body weight: 60 kg	Risk assessment is covered by double application.				
MODEL OPEX	Risk assessment is covered by double application.				

Number of applications and application rate: LEAFY VEGETABLES 2L		2 x 0.125 kg a.s./ha		2 x 0.2 kg a.s./ha	
AOEM MODEL 8 hours/day(1), TC: 5800 cm²/person/h total potential exposure 2500 cm² arms, body and legs covered Body weight: 60 kg	no PPE(3)	0.22	137.46	0.340	199.94
	with PPE (work wear- arms, body and legs covered	0.095	59.25	0.172	86.18
	with PPE (working wear and gloves)	0.022	13.75	0.04	19.99
MODEL OPEX	no PPE(3)	-	48.1	-	98
	with PPE (work wear and protective gloves)(4)	-	4.8	-	9.8
Number of applications and application rate: ORNAMTENTALS 2 L		2 x 0.125 kg a.s./ha		2 x 0.2 kg a.s./ha	
AOEM MODEL 8 hours/day(1), TC: 14000 cm²/person/h total potential exposure 5000 cm² arms, body and legs covered Body weight: 60 kg	no PPE(3)	0.531	331.80	0.965	482.62
	with PPE (work wear- arms, body and legs covered)	0.19	118.50	0.345	172.36
	with PPE (working wear and gloves)	0.053	33.18	0.096	48.26
MODEL OPEX (low ornamentals)					
Cutting,sorting, bundling, carrying	no PPE(3)	-	331	-	674
	with PPE (work wear and protective gloves)(4)	-	33.1	-	67.4
Inspection, irigation	no PPE(3)	-	73.9	-	151
	with PPE (work wear and protective gloves)(4)	-	7.4	-	15.1

MODEL OPEX (high ornamentals)					
Cutting,sorting, bundling, carrying	no PPE(3)	-	331	-	674
	with PPE (work wear and protective gloves)(4)	-	33.1	-	67.4
Inspection, irrigation	no PPE(3)	-	73.9	-	151
	with PPE (work wear and protective gloves)(4)	-	7.4	-	15.1
Number of applications and application rate: POME FRUIT 2 L		2 x 0.125 kg a.s./ha		2 x 0.2 kg a.s./ha	
AOEM MODEL 8 hours/day(1), TC: 22500 cm^2/person/h total potential exposure 4500cm^2 arms, body and legs covered Body weight: 60 kg	no PPE(3)	0.85	533.25	1.551	775.64
	with PPE (work wear arms, body and legs covered)	0.171	106.65	0.310	155.13
	with PPE (working wear and gloves)	0.085	53.32	0.155	77.56
MODEL OPEX					
Maintenance/thinning	no PPE(3)	-	532	-	1084
	with PPE (work wear and protective gloves)(4	-	53.2	-	108
Inspection, irrigation	no PPE(3)	-	73.9	-	151
	with PPE (work wear and protective gloves)(4)	-	7.4	-	15.1
Searching, reaching, picking	no PPE(3)	-	296	-	602
	with PPE (work wear and protective gloves)(4)	-	29.6	-	60.2
EUROPOEM					
	no PPE	-	21.59	-	30.6
	with PPE	-	4.31	-	6.12

(1) e.g. 8 h/day for professional applications for harvesting, pruning, tying, thinning or weeding activities etc. or 2 h/day for

~~professional applications for maintenance, inspection or irrigation activities etc.~~
~~(2) e.g. EUROPOEM II, 2002, Post-Application Exposure of Workers to Pesticides in Agriculture or US EPA policy paper [EPA, Science Advisory Council for Exposure; Agricultural Transfer Coefficients, Policy # 3.]. TC: Transfer coefficient~~
~~(3) no PPE: Worker wearing long sleeved shirt, long trousers ("permeable") but no gloves~~
~~(4) with PPE: *type of PPE* / see 'Instructions for use'~~

		Difenoconazole	**Azoxystrobin**
Model data	**Level of PPE**	**% of systemic AOEL**	**% of systemic AOEL**
Field crops (winter oilseed rape, spring oilseed rape) Vehicle-mounted; downward spraying Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Inspection, irrigation	no PPE	~~48.1~~ 54.7	70
	~~+PPE~~ Workwear (arms, body and legs covered)	~~5.4~~ 6.1	7.8
Low vegetables (mustard, papaver somniferum, soybean, sunflower, pumpkin, hemp/flax; covered: cichorium intybus, horseradish, celeriac) Vehicle-mounted; downward spraying Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha (worst case)			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Inspection, irrigation	no PPE	~~48.1~~ 54.7	70
	~~+PPE~~ Workwear (arms, body and legs covered)	~~5.4~~ 6.1	7.8
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Reaching, picking (all except Brassica)	no PPE	~~89.3~~ 102	130
	~~+PPE~~ Workwear (arms, body and legs covered)	~~38.5~~ 43.8	56
Low vegetables (beetroot) Vehicle-mounted; downward spraying Application rate: 1 x 0.2 kg azoxystrobin/ha, 1 x 0.125 kg difenoconazole/ha			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Removing bolting sugar beets	no PPE	~~256~~ 291	372
	~~+PPE~~ Workwear (arms, body and legs covered)	~~60.5~~ 68.8	88
Low vegetables (rutabaga) Vehicle-mounted; downward spraying Application rate: 1 x 0.2 kg azoxystrobin/ha, 1 x 0.125 kg difenoconazole/ha			
~~**OPEX v.1.0.1**~~	no PPE	-*	-*

OPEX v.1.0.2 Harvest (only Brassica) and Maintenance (only Brassica)	~~+PPE~~ Workwear (arms, body and legs covered)	~~68.8~~ 78.1	100
~~**Low ornamentals** (Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree)~~ ~~Vehicle-mounted; downward spraying~~ ~~Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha~~			
~~**OPEX v.1.0.1** Cutting, sorting, bundling, carrying~~	~~no PPE~~	~~331~~	~~482~~
	~~+PPE (hands, arms, body and legs covered)~~	~~33.1~~	~~48.2~~
~~**OPEX v.1.0.1** Inspection, irigation~~	~~no PPE~~	~~73.9~~	~~108~~
	~~+PPE (arms, body and legs covered)~~	~~8.3~~	~~12~~
High ornamental (Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree, tobacco) Vehicle-mounted; upward spraying; buffer strip: 5m; Normal&Manual-Hand held, Normal&Manual-Knapsack upward spraying Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha			
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Cutting, sorting, bundling, carrying	no PPE	~~331~~ 376	482
	+PPE: Workwear (arms, body and legs covered) and gloves	~~33.1~~ 37.6	48.2
~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2** Inspection, irrigation	no PPE	~~73.9~~ 84	108
	+PPE: Workwear (arms, body and legs covered) and gloves	~~8.3~~ 9.4	12
~~**Orchards** (Energetic plants, Salix viminalis, Wicker)~~ ~~Vehicle-mounted; upward spraying; buffer strip: 5m; Normal&Manual-Hand held, Normal&Manual-Knapsack upward spraying~~ ~~Application rate: 2 x 0.160 kg azoxystrobin/ha, 2 x 0.100 kg difenoconazole/ha~~			
~~**OPEX v.1.0.1** Maintenance/thinning~~	~~no PPE~~	~~426~~	~~619~~
	~~+PPE (hands, arms, body and legs covered)~~	~~42.6~~	~~61.9~~
~~**OPEX v.1.0.1** Inspection, irrigation~~	~~no PPE~~	~~59.1~~	~~86~~
	~~+PPE (arms, body and legs covered)~~	~~6.6~~	~~9.6~~

~~**OPEX v.1.0.1** Searching, reaching, picking~~	~~no PPE~~	~~237~~	~~344~~
	~~+PPE (arms, body and legs covered)~~	~~66.2~~	~~96.3~~

* The calculations for scenario low vegetables for re-entry activities: Harvest (only Brassica) and Maintenance (only Brassica) are not available in OPEX MODEL ~~version 1.0.1~~ version 1.0.2.

6.6.4.2 Refinement of generic DFR value (KCP 7.2)

Not required.

6.6.4.3 Measurement of worker exposure

Since the worker exposure estimations carried out indicated that the acceptable operator exposure level (AOEL) will not be exceeded under conditions of intended uses and considering above mention PPE, a study to provide measurements of worker exposure was not necessary and was therefore not performed.

6.6.5 Bystander and resident exposure (KCP 7.2.2)

zRMS's comment	Acceptable. The Applicant performed resident exposure calculations using the EFSA OPEX calculator version 1.0.2 (29/04/2024). The report containing the calculation results is included in Appendix 3. The calculation results revealed that resident exposure, both for child and adult, is acceptable (below the AOEL) considering all pathways of exposure – drift, vapour, deposit and re-entry, if the buffer zone of 2-3 meters is used in the *Field* and *Low vegetables* scenarios and 5 meter in the *High ornamentals* scenario. The AAOEL values for azoxystrobin and difenoconazole are not specified, therefore it is assumed that the bystander exposure estimation is covered by the calculated resident exposure.

6.6.5.1 Estimation of bystander and resident exposure

No bystander risk assessment is required for PPPs that do not have significant acute toxicity or the potential to exert toxic effects. Exposure of resident is used also for bystander because of no AAOEL was set up.

Table 6.6.6 shows the exposure model(s) used for estimation of ~~bystander and~~ resident exposure to difenoconazole and azoxystrobin. Outcome of the estimation is presented in Table 6.6.7. Detailed calculations are in Appendix 3.

Table 6.6.6: Exposure models for intended uses

~~Critical uses~~	~~Oilseed rape (Winter oilseed rape) (1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for~~

	~~Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX-MODEL~~
~~Critical uses~~	~~Oilseed rape~~ ~~(Winter oilseed rape, Spring oilseed rape, Sinapsis alba [White mustard], Papaver somniferum [Breadseed poppy], Glycine max [Soybean], Helianthus annuus [sunflower] Linum usitatissimum [Flax], Cannabis sativa [Hemp]~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX-MODEL~~
~~Critical use~~	~~Fruiting vegetables~~ ~~(Cucurbita pepo [pumpkin])~~ ~~(2 x 1.0L product/ha)~~
~~Model~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX-MODEL~~
~~Critical uses~~	~~Root and steem vegetables~~ ~~(Sugar beet, Brassica napus subsp. Rapifera (Swede), Beta vulgaris subsp. Vulgaris [Leaf beet], Armoracia rusticana [Horseradish], Apium graveolens var.rapaceum [Celeriac])~~ ~~(1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX-MODEL~~
~~Critical uses~~	~~Leafy vegetables~~ ~~(Cichorium intybus [Common chicory]~~ ~~(1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX-MODEL~~
~~Critical uses~~	~~Leafy vegetables~~ ~~(Nicotiana tabacum [Tabacco])~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX-MODEL~~
~~Critical uses~~	~~Ornamental/nursery plants~~ ~~(Ornamental nursery plants, Forest nursery plants, Renewals, afforestation and plantations of forest trees)~~ ~~(2 x 1.0L product/ha)~~
~~Models~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX-MODEL~~
~~Critical use~~	~~Pome fruit~~ ~~(Wicker, Salix viminalis)~~ ~~(2 x 1.0L product/ha)~~

~~Model~~	~~"EFSA Model" ver. 30.03.2015 – Guidance on the Assessment of Exposure for Operators, Workers, Residents and Bystannders in Risk Assessment for the Plant Protection products~~ ~~OPEX MODEL~~

Critical uses	Field crops (max. 2 x 1 L product/ha) Low vegetables (max. 2 x 1 L product/ha as a worst case) Low vegetables (re-entry activity: removing bolting sugar beet) (max. 1x 1 L product/ha) Low vegetables (for Brassica only: 1 x 1 L product/ha) ~~Low ornamentals (max. 2 x 1 L product/ha)~~ High ornamentals (max. 2 x 1 L product/ha) ~~Orchards (max. 2 x 0.8 L product/ha)~~
Model	OPEX ~~version: 1.0.1~~ version :1.0.2

~~Table 6.6.7: Estimated bystander and resident exposure~~

	~~Difenoconazole~~		~~Azoxystrobin~~	
~~Model data~~	~~Total absorbed dose (mg/kg/day)~~	~~% of systemic AOEL~~	~~Total absorbed dose (mg/kg/day)~~	~~% of systemic AOEL~~
~~For OILSEED RAPE 1L : Vehicle-mounted; downward spraying Application rate: 0.125 kg a.s./ha difenoconazole; 0.2 kg a.s/ha azoxystrobin~~				
~~Bystanders (adult), (children)~~	~~No required~~	~~-~~	~~No required~~	~~-~~
~~MODEL AOEM~~				
~~Residents (adult) 75th percentile All pathways mean~~	~~Risk assessment is covered by double application.~~			
~~Residents (children) 75th percentile All pathways mean~~				
~~MODEL OPEX~~	~~Risk assessment is covered by double application.~~			
~~For OILSEED RAPE 2L : Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin~~				
~~AOEM MODEL~~				
~~Bystanders (adult), (children)~~	~~No required~~	~~-~~	~~No required~~	~~-~~
~~Residents (adult) 75th percentile All pathways mean~~	~~0.006~~	~~3.75~~	~~0.11~~	~~5.36~~
~~Residents (children) 75th percentile All pathways mean~~	~~0.014~~	~~8.88~~	~~0.025~~	~~12.47~~

OPEX MODEL				
Residents (adult) 75th percentile All pathways mean	0.006	3.8	0.01	7.4
Residents (children) 75th percentile All pathways mean	0.01	8.7	0.03	17
For FRUTITING VEGETABLES 2L : Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x0.2 kg a.s/ha azoxystrobin				
MODEL AOEM				
Bystanders (adult), (children)	No required	-	No required	-
Residents (adult) 75th percentile All pathways mean	0.006	3.75	0.011	5.36
Residents (children) 75th percentile All pathways mean	0.014	8.88	0.025	12.47
MODEL OPEX				
Residents (adult) 75th percentile All pathways mean	0.006	3.8	0.01	7.4
Residents (children) 75th percentile All pathways mean	0.01	8.7	0.03	17
For: ROOT VEGETABLES 1L Vehicle-mounted; downward spraying Application rate: 1x 0.125 kg a.s./ha difenoconazole; 1x 0.2 kg a.s/ha azoxystrobin				
Bystanders (adult), (children)	No required	-	No required	-
MODEL AOEM				
Residents (adult) 75th percentile All pathways mean	0.005	3.41	0.01	4.87
Residents (children) 75th percentile All pathways mean	0.013	8.25	0.023	11.55
MODEL OPEX				
Residents (adult) 75th percentile All pathways mean	0.006	3.8	0.01	7.4
Residents (children) 75th percentile All pathways mean	0.01	8.7	0.03	17

For LEAFY VEGETABLES 2L Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin				
Bystanders (adult), (children)	No required	-	No required	-
AOEM MODEL				
Residents (adult) 75th percentile All pathways mean	0.008	5.22	0.015	7.75
Residents (children) 75th percentile All pathways mean	0.018	11.05	0.034	16.85
OPEX MODEL				
Residents (adult) 75th percentile All pathways mean	0.006	3.8	0.01	7.4
Residents (children) 75th percentile All pathways mean	0.01	8.7	0.03	17
For ORNAMENTALS 2L Vehicle-mounted; downward spraying Application rate: 2x 0.125 kg a.s./ha difenoconazole; 2x 0.2 kg a.s/ha azoxystrobin				
Bystanders (adult), (children)	No required	-	No required	-
AOEM MODEL				
Residents (adult) 75th percentile All pathways mean	0.008	5.22	0.015	7.75
Residents (children) 75th percentile All pathways mean	0.018	11.05	0.034	16.85
OPEX MODEL				
Low ornamentals				
Residents (adult) 75th percentile All pathways mean	0.008	5.2	0.02	10.4
Residents (children) 75th percentile All pathways mean	0.02	10.9	0.04	21.4
High ornamentals				
Residents (adult) 75th percentile All pathways mean	0.02	10.5	0.04	21.2
Residents (children) 75th percentile All pathways mean	0.03	19.3	0.08	38.6

~~For POME FRUIT 2L~~ ~~Vehicle-mounted; upward spraying~~ ~~Application rate: 2 x 0.125 kg a.s./ha difenoconazole; 2 x 0.2 kg a.s/ha azoxystrobin~~				
~~Bystanders (adult), (children)~~	~~No required~~	~~-~~	~~No required~~	~~-~~
~~**MODEL AOEM**~~				
~~Residents (adult)~~ ~~75th percentile All pathways mean~~	~~0.018~~	~~11.19~~	~~0.032~~	~~16.17~~
~~Residents (children)~~ ~~75th percentile All pathways mean~~	~~0.034~~	~~21.13~~	~~0.060~~	~~30.26~~
~~**MODEL OPEX**~~				
~~Residents (adult)~~ ~~75th percentile All pathways mean~~	~~0.02~~	~~11.2~~	~~0.05~~	~~22.6~~
~~Residents (children)~~ ~~75th percentile All pathways mean~~	~~0.03~~	~~20.9~~	~~0.08~~	~~41.8~~

	Difenoconazole		**Azoxystrobin**	
Model data ~~**OPEX v.1.0.1**~~ **OPEX v.1.0.2**	**Total absorbed dose (mg/kg/day)**	**% of systemic AOEL**	**Total absorbed dose (mg/kg/day)**	**% of systemic AOEL**
Field crops (winter oilseed rape, spring oilseed rape) Application method: downward spraying Application technique: normal &vehicle-mounted Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha Re-entry activity: Inspection, irrigation				
Residents (adult) 75th percentile All pathways mean	~~0.006~~ 0.007	~~3.8~~ 4.2	0.01	5.4
Residents (children) 75th percentile All pathways mean	~~0.01~~ 0.02	~~8.7~~ 9.8	0.02	12.3
Low vegetables (mustard, papaver somniferum, soybean, sunflower, pumpkin, hemp/flax; covered: cichorium intybus, horseradish, celeriac) Application method: downward spraying Application technique: Normal&vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha (worst case) Re-entry activity: Inspection, irrigation, Reaching, picking (all except Brassica)				
Residents (adult)	~~0.006~~ 0.007	~~3.8~~ 4.2	0.01	5.4

75th percentile All pathways mean				
Residents (children) 75th percentile All pathways mean	~~0.01~~ 0.02	~~8.7~~ 9.8	0.02	12.3
Low vegetables (beetroot) Application method: downward spraying Application technique: Normal&vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 1 x 0.2 kg azoxystrobin/ha, 1 x 0.125 kg difenoconazole/ha Re-entry activity: Removing bolting sugar beets				
Residents (adult) 75th percentile All pathways mean	~~0.005~~ 0.006	~~3.4~~ 3.9	0.01	4.9
Residents (children) 75th percentile All pathways mean	0.01	~~8.1~~ 9.1	0.02	11.4
Low vegetables (rutabaga) Application method: downward spraying Application technique: Normal&vehicle-mounted, ~~Normal & Manual-Hand held, Normal & Manual-Knapsack~~ Application rate: 1 x 0.2 kg azoxystrobin/ha, 1 x 0.125 kg difenoconazole/ha Re-entry activity: Maintenance (Brassica only), Harvest (only Brassica)				
Residents (adult) 75th percentile All pathways mean	~~0.005~~ 0.006	~~3.4~~ 3.9	0.01	4.9
Residents (children) 75th percentile All pathways mean	0.01	~~8.1~~ 9.1	0.02	11.4
~~**Low ornamentals** (Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree)~~ ~~Vehicle-mounted, Manual Hand held, Manual Knapsack; downward spraying~~ ~~Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha~~ ~~Re-entry activity: Cutting, sorting, bundling, carrying, Inspection, irrigation~~				
~~Residents (adult) 75th percentile All pathways mean~~	~~0.008~~	~~5.2~~	~~0.01~~	~~7.5~~
~~Residents (children) 75th percentile All pathways mean~~	~~0.02~~	~~10.9~~	~~0.03~~	~~15.5~~
High ornamental (Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree, tobacco) Application method:upward spraying; buffer strip: 5 m; Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha Re-entry activity: Cutting, sorting, bundling, carrying, ~~Inspection, irrigation~~				
Residents (adult) 75th percentile All pathways mean	~~0.02~~ ~~0.009~~ 0.02	~~10.5~~ ~~5.6~~ 11.9	~~0.03~~ ~~0.01~~ 0.03	~~15.2~~ ~~7.1~~ 15.2
Residents (children) 75th percentile All pathways	~~0.03~~ 0.02 0.03	~~19.3~~ ~~10.6~~ 21.9	~~0.06~~ ~~0.03~~ 0.06	~~27.7~~ ~~13.3~~ 27.7

mean				
~~**Orchards** (Energetic plants, Salix viminalis, Wicker)~~ ~~Application method:upward spraying; buffer strip: 5 m;~~ ~~Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack~~ ~~Application rate: 2 x 0.160 kg azoxystrobin/ha, 2 x 0.100 kg difenoconazole/ha~~ ~~Re-entry activity: Maintenance/thinning~~				
~~Residents (adult)~~ ~~75th percentile All pathways~~ ~~mean~~	~~0.01~~	~~9~~	~~0.03~~	~~13~~
~~Residents (children)~~ ~~75th percentile All pathways~~ ~~mean~~	~~0.03~~	~~16.8~~	~~0.05~~	~~24.1~~
~~**Orchards** (Energetic plants, Salix viminalis, Wicker)~~ ~~Application method:upward spraying; buffer strip: 5 m;~~ ~~Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack~~ ~~Application rate: 2 x 0.160 kg azoxystrobin/ha, 2 x 0.100kg difenoconazole/ha~~ ~~Re-entry activity: Searching, reaching, picking~~				
~~Residents (adult)~~ ~~75th percentile All pathways~~ ~~mean~~	~~0.01~~	~~9~~	~~0.03~~	~~13~~
~~Residents (children)~~ ~~75th percentile All pathways~~ ~~mean~~	~~0.03~~	~~16.8~~	~~0.05~~	~~24.1~~
~~**Orchards** (Energetic plants, Salix viminalis, Wicker)~~ ~~Application method:upward spraying; buffer strip: 5 m;~~ ~~Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack~~ ~~Application rate: 2 x 0.160 kg azoxystrobin/ha, 2 x 0.100 kg difenoconazole/ha~~ ~~Re-entry activity: Inspection, irrigation~~				
~~Residents (adult)~~ ~~75th percentile All pathways~~ ~~mean~~	~~0.01~~	~~9~~	~~0.03~~	~~13~~
~~Residents (children)~~ ~~75th percentile All pathways~~ ~~mean~~	~~0.03~~	~~16.8~~	~~0.05~~	~~24.1~~
High ornamental (Ornamental nursery plants, forest nursery plants, renewals, afforestations and plantations of forest tree, tobacco) Application method:upward spraying; buffer strip: 5 m; Application technique: Normal&Vehicle-mounted, Normal&Manual-Hand held, Normal&Manual-Knapsack Application rate: 2 x 0.2 kg azoxystrobin/ha, 2 x 0.125 kg difenoconazole/ha Re-entry activity: Inspection, irrigation				
Residents (adult) 75th percentile All pathways mean	0.02	11.9	0.03	15.2
Residents (children) 75th percentile All pathways mean	0.03	21.9	0.06	27.7

6.6.5.2 Measurement of bystander and/or resident exposure

Since the resident exposure estimations carried out indicated that the acceptable operator exposure level (AOEL) for difenoconazole and azoxystrobin will not be exceeded under conditions of intended uses and considering above mentioned risk mitigation measures, a study to provide measurements of resident exposure was not necessary and was therefore not performed.

6.6.6 Combined exposure

zRMS's comment	**Operator:** The combined exposure to both active substances (azoxystrobin and difenoconazole in CHR/F/SCORPIO 325 SC) is acceptable for operator wearing only a workwear in all scenarios (Hazard Index is <1). **Worker:** • *Field, Low vegetables* (Activity: Inspection, irrigation) – the combined exposure is acceptable (HI<1) if worker is wearing a workwear. • *Low vegetables* (Activities: Reaching picking and Removing bolting sugar beets) - the combined exposure is acceptable (HI<1) if worker is wearing a workwear and uses gloves. • *Low vegetables* (Activities: Harvest and maintenance of Brassica) - the HI value is 1.8 and unfortunately the TC for gloves is not available in the EFSA OPEX calculator version 1.0.2. The approach of the Applicant is not acceptable. Therefore, according to the harmonised approach at the national level, the worker exposure including gloves was calculated by zRMS using the EUROPOEM II model and next this exposure was used for HI calculations. Azoxystrobin:

form	Clapton 325 S.C.		Re-entry in the field		
a.s.	Azoxystrobin				
Parameter		**Value**	**Unit**	**References, comments**	
Re-entry activities in the field					
AR	Application rate	0.2	kg a.s./ha	summary of intended uses	
Worker					
Duration					
T		8	hours / day	default: 6 h (Europoem II)	
Inhalation Exposure				without PPE	
	no model available	-			
Dermal Exposure					
DFR	Dislodgeable foliar residue	30	mg a.s./m2/kg a.s./ha	default (Europoem II)	
TC	Transfer coefficient	0.25	m2/ hour	vegetable (field): 0.25; ornamentals: 0.5; small fruit: 0.3; large fruit: 0.45 (Europoem II)	
Dermal Exposure		**12**	mg a.s./ day	DE = DFR x AR x TC x T	
Internal exposure					
DA	Dermal Absorption	50	%		
	PPE-factor dermal	5		gloves*	
	AOEL	0.2	mg a.s./ day	based on 70 kg bw	
		Without PPE	**With PPE**		
	Internal exposure	[mg a.s./ day]	[mg a.s./ day]		
	Inhalation	-	-	no model available	
	Dermal	6.000	1.200	DE(int) = DE x (DA/100)	
	Total	**6.000**	**1.200**	**sum**	
	% AOEL				
	Inhalation	-	-	no model available	
	Dermal	3000	600	%AOEL = 100 x DE(int) / AOEL	
	Total	**3000**	**600**	**sum**	
*	It is assumed in the used TC values, that body exposure is already reduced by (protective) clothing. The use of gloves will result in an extra reduction factor of 5				

The calculated exposure (with PPE) is 1.2 mg a.s/day, it means 0.02 mg a.s./kg bw/day.

HQ (AZX) = 0.10

Difenoconazole:

form	Clapton 325 S.C.		Re-entry in the field	
a.s.	Difeconazole			
Parameter		**Value**	**Unit**	**References, comments**
Re-entry activities in the field				
AR	Application rate	0.125	kg a.s./ha	summary of intended uses
Worker				
Duration				
T		8	hours / day	default: 6 h (Europoem II)
Inhalation Exposure				without PPE
	no model available	-		
Dermal Exposure				
DFR	Dislodgeable foliar residue	30	mg a.s./m2/kg a.s./ha	default (Europoem II)
TC	Transfer coefficient	0.25	m2/ hour	vegetable (field): 0.25; ornamentals: 0.5; small fruit: 0.3; large fruit: 0.45 (Europoem II)
Dermal Exposure		**7.5**	mg a.s./ day	DE = DFR x AR x TC x T
Internal exposure				
DA	Dermal Absorption	50	%	
	PPE-factor dermal	5		gloves*
	AOEL	0.16	mg a.s./ day	based on 70 kg bw
		Without PPE	**With PPE**	
	Internal exposure	[mg a.s./ day]	[mg a.s./ day]	
	Inhalation	-	-	no model available
	Dermal	3.750	0.750	DE(int) = DE x (DA/100)
	Total	**3.750**	**0.750**	**sum**
	% AOEL			
	Inhalation	-	-	no model available
	Dermal	2344	469	%AOEL = 100 x DE(int) / AOEL
	Total	**2344**	**469**	**sum**
*	It is assumed in the used TC values, that body exposure is already reduced by (protective) clothing. The use of gloves will result in an extra reduction factor of 5.			

The calculated exposure (with PPE) is 0.750 mg a.s/day, it means 0.0125 mg a.s./kg bw/day.

HQ (DIF) = 0.08

Therefore, HI=0.18 (below 1)

Conclusions:

Combined exposure in *Low vegetables* scenario for Brassica is acceptable if worker is wearing a workwear and uses gloves.

Taking above into account, the worker should use protective gloves in *Low vegetables* scenario except Inspection, irrigation activity.

- *High ornamentals* - the combined exposure is acceptable (HI<1) if worker is wearing a workwear and uses gloves.

Resident/Bystander

The combined exposure (HI<1) is acceptable for residents (both for child and adult) provided that the buffer zone of 2-3 m is used in the *Field* and *Low vegetables* scenarios and 5 m in the *High ornamentals* scenario. The exposure assessment of residents also covers the bystander exposure, therefore the combined exposure of bystanders is also not expected.

The product ~~us~~ is a mixture of two active substances.

6.6.6.1 Exposure Assessment of difenoconazole and azoxystrobin in CHR/F/SCORPIO 325

SC

Note: The combined toxicological effect of these active substances has not been investigated with regard to repeated dose toxicity.

At the first tier, combined exposure is calculated as the sum of the component exposures without regard to the mode of action or mechanism/target of toxicity. Initially, the individual Hazard Quotients (HQ) are calculated for all active substances in the PPP by assessing the exposure according to appropriate models and dividing the individual exposure levels by the respective systemic AOEL. This is equivalent to the predicted exposure as % of systemic AOEL from Table 6.6.3 converted to decimal. The Hazard Index (HI) is the sum of the individual HQs.

Table 6.6.~~8~~ 7: Long-term risk assessment from combined exposure – model ~~AOEM,~~ OPEX ~~v.1.0.1.~~ v.1.0.2.

~~Application scenario~~	~~Active Ingredient~~	~~Estimated exposure / AOEL (HQ) MODEL AOEM~~	~~Estimated exposure / MODEL OPEX~~
	~~OILSEED (single application)~~ ~~Risk assessment is covered by double application.~~		
	~~OILSEED (double application)~~		
~~Operators~~	~~Cumulative risk Operators (HI)~~	~~0.1888~~	~~0.2~~
~~Workers~~	~~Cumulative risk Workers (HI)~~	~~0.162~~	~~0.2~~
~~Resident – Adult~~	~~Cumulative risk Resident – Adult (HI)~~	~~0.091~~	~~0.1~~
~~Resident – Child~~	~~Cumulative risk Resident – Child (HI)~~	~~0.213~~	~~0.3~~
	~~FRUITING VEGETABLES (double application)~~		
~~Operators~~	~~Cumulative risk Operators (HI)~~	~~0.1888~~	~~0.2~~
~~Workers~~	~~Cumulative risk Workers (HI)~~	~~0.949~~	~~0.2~~
~~Resident – Adult~~	~~Cumulative risk Resident – Adult (HI)~~	~~0.091~~	~~0.1~~
~~Resident – Child~~	~~Cumulative risk Resident – Child (HI)~~	~~0.213~~	~~0.3~~
	~~ROOT AND TUBER VEGETABLES (single application)~~		
~~Operators~~	~~Cumulative risk Operators (HI)~~	~~0.1888~~	~~0.2~~
~~Workers~~	~~Cumulative risk Workers (HI)~~	~~0.118~~	~~0.2~~
~~Resident – Adult~~	~~Cumulative risk Resident – Adult (HI)~~	~~0.083~~	~~0.1~~
~~Resident – Child~~	~~Cumulative risk Resident – Child (HI)~~	~~0.198~~	~~0.3~~
	~~LEAFY VEGETABLES AND FRESH HERBS (double application)~~		

Application scenario	Active Ingredient	Estimated exposure / AOEL (HQ) MODEL AOEM	Estimated exposure / MODEL OPEX
Operators	Cumulative risk Operators (HI)	0.1888	0.2
Workers	Cumulative risk Workers (HI)	0.337	0.2
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.130	0.1
Resident - Child	Cumulative risk Resident – Child (HI)	0.279	0.3
	ORNAMENTAL PLANTS (double application)		
	LOW ORNAMENTALS		
	Re-entry activity: Inspection, irrigation		
Operators	Cumulative risk Operators (HI)	0.55	0.2
Workers	Cumulative risk Workers (HI)	0.814	0.3
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.130	0.2
Resident - Child	Cumulative risk Resident – Child (HI)	0.279	0.3
	Re-entry activity: Cutting, sorting, bundling, carrying		
Operators	Cumulative risk Operators (HI)	0.55	0.2
Workers	Cumulative risk Workers (HI)	0.814	1.0
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.130	0.2
Resident - Child	Cumulative risk Resident – Child (HI)	0.279	0.3
	HIGH ORNAMENTALS		
	Re-entry activity: Inspection, irrigation		
Operators	Cumulative risk Operators (HI)	0.55	0.7
Workers	Cumulative risk Workers (HI)	0.814	0.3
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.130	0.3
Resident - Child	Cumulative risk Resident – Child (HI)	0.279	0.6
	Re-entry activity: Cutting, sorting, bundling, carrying		
Operators	Cumulative risk Operators (HI)	0.55	0.7
Workers	Cumulative risk Workers (HI)	0.814	1.0

Application scenario	Active Ingredient	Estimated exposure / AOEL (HQ) MODEL AOEM	Estimated exposure / MODEL OPEX
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.130	0.3
Resident - Child	Cumulative risk Resident – Child (HI)	0.279	0.6
	POME FRUIT (double application)		
	Re-entry activity: Maintenance/thinning		
Operators	Cumulative risk Operators (HI)	0.204	0.7
Workers	Cumulative risk Workers (HI)	1.308**	1.6*
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.274	0.3
Resident - Child	Cumulative risk Resident – Child (HI)	0.579	0.6
	Re-entry activity: Inspection, irrigation		
Operators	Cumulative risk Operators (HI)	0.204	0.7
Workers	Cumulative risk Workers (HI)	1.308**	0.3
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.274	0.3
Resident - Child	Cumulative risk Resident – Child (HI)	0.579	0.6
	Re-entry activity: Searching, reaching, picking		
Operators	Cumulative risk Operators (HI)	0.204	0.7
Workers	Cumulative risk Workers (HI)	1.308**	0.9
Resident - Adult	Cumulative risk Resident – Adult (HI)	0.274	0.3
Resident - Child	Cumulative risk Resident – Child (HI)	0.579	0.6

* The safe re-entry interval (days) is 21 days.
** An additional risk assessment for workers (POME FRUIT) was carried out according to the EUROPOEM model. According to the EUROPOEM model, the cumulative risk assessment is 0.58.

Application scenario	Estimated exposure / MODEL OPEX

Application scenario		Estimated exposure / MODEL OPEX
FIELD CROPS (re-entry activity: inspection, irrigation)		
Operators ~~(protected body)~~ (workwear)	**Cumulative risk Operators (HI)**	0.7
Workers (Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	0.1
Resident – Adult Buffer zone 2-3 m	**Cumulative risk Resident – Adult (HI)**	~~0.09~~ 0.1
Resident – Child Buffer zone 2-3 m	**Cumulative risk Resident – Child (HI)**	0.2
LOW VEGETABLES (re-entry activity: inspection, irrigation)		
Operators Application technique: Normal&Vehicle-mounted (~~protected body~~ workwear during M&L and Application)	**Cumulative risk Operators (HI)**	0.7
~~Operators Application technique: normal&Manual Hand held Application (protected body and hands during M&L and Application)~~		~~0.9~~
~~Operators Application technique: normal&Manual Knapsack Application (protected body and hands during M&L and Application)~~		~~0.9~~
Workers (Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	0.1
Resident – Adult Buffer zone 2-3 m	**Cumulative risk Resident – Adult (HI)**	~~0.09~~ 0.1
Resident – Child Buffer zone 2-3 m	**Cumulative risk Resident – Child (HI)**	0.2
LOW VEGETABLES (re-entry activity: removing bolting sugar beets)		

Application scenario		Estimated exposure / MODEL OPEX
Operators Application technique: Normal&Vehicle-mounted (~~protected body~~ workwear during M&L and Application)	**Cumulative risk Operators (HI)**	0.7
~~Operators Application technique: normal&Manual Hand held Application (protected body and hands during M&L and Application)~~		~~0.9~~
~~Operators Application technique: normal&Manual Knapsack Application (protected body and hands during M&L and Application)~~		~~0.9~~
Workers (Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	~~0.1~~ ~~0.2~~ 1.6
Workers (Gloves and Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	0.2
Resident – Adult Buffer zone 2-3 m	**Cumulative risk Resident – Adult (HI)**	~~0.08~~ 0.09
Resident – Child Buffer zone 2-3 m	**Cumulative risk Resident – Child (HI)**	0.2
LOW VEGETABLES (re-entry activity: Harvest (Brassica only))		
Operators Application technique: Normal&Vehicle-mounted (~~protected body~~ workwear during M&L and Application)	**Cumulative risk Operators (HI)**	0.7
~~Operators Application technique: normal&Manual Hand held Application (protected body and hands during M&L and Application)~~		~~0.9~~

Application scenario		Estimated exposure / MODEL OPEX
~~Operators Application technique: normal&Manual Knapsack Application (protected body and hands during M&L and Application)~~		~~0.9~~
Workers (Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	~~1.7*~~ 1.8*
Workers (Gloves and Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	-*
Resident – Adult Buffer zone 2-3 m	**Cumulative risk Resident – Adult (HI)**	~~0.08~~ 0.09
Resident – Child Buffer zone 2-3 m	**Cumulative risk Resident – Child (HI)**	0.2
LOW VEGETABLES (re-entry activity: Maintenance (Brassica only))		
Operators Application technique: Normal&Vehicle-mounted (~~protected body~~ workwear during M&L and Application)	**Cumulative risk Operators (HI)**	0.7
~~Operators Application technique: normal&Manual Hand held Application (protected body and hands during M&L and Application)~~		~~0.9~~
~~Operators Application technique: normal&Manual Knapsack Application (protected body and hands during M&L and Application)~~		~~0.9~~
Workers (Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	~~1.7*~~ 1.8*
Workers	**Cumulative risk Workers (HI)**	-*

Application scenario		Estimated exposure / MODEL OPEX
(Gloves and Workwear - Arms, body and legs covered)		
Resident – Adult Buffer zone 2-3 m	**Cumulative risk Resident – Adult (HI)**	~~0.08~~ 0.09
Resident – Child Buffer zone 2-3 m	**Cumulative risk Resident – Child (HI)**	0.2
LOW VEGETABLES (re-entry activity: reaching, picking (all except Brassica))		
Operators Application technique: Normal&Vehicle-mounted (~~protected body~~ workwear during M&L and Application)	**Cumulative risk Operators (HI)**	0.7
~~Operators Application technique: normal&Manual Hand held Application (protected body and hands during M&L and Application)~~		~~0.9~~
~~Operators Application technique: normal&Manual Knapsack Application (protected body and hands during M&L and Application)~~		~~0.9~~
Workers (Workwear - arms, body and legs covered)	**Cumulative risk Workers (HI)**	~~0.9~~ 1.0
Workers (Gloves and Workwear - arms, body and legs covered)	**Cumulative risk Workers (HI)**	0.2
Resident – Adult Buffer zone 2-3 m	**Cumulative risk Resident – Adult (HI)**	~~0.09~~ 0.1
Resident – Child Buffer zone 2-3 m	**Cumulative risk Resident – Child (HI)**	0.2
~~**LOW ORNAMENTALS (re-entry activity: cutting, sorting, bundling, carrying)**~~		
~~Operators~~	~~**Cumulative risk**~~	~~0.7~~

Application scenario		Estimated exposure / MODEL OPEX
~~Application technique: Normal&Vehicle-mounted (protected body during M&L and Application)~~	~~Operators (HI)~~	
~~Operators Application technique: normal&Manual Hand held Application (protected body and hands during M&L and Application)~~		~~0.9~~
~~Operators Application technique: normal&Manual Knapsack Application (protected body and hands during M&L and Application)~~		~~0.9~~
~~Workers (Hands, arms, body and legs covered)~~	~~Cumulative risk Workers (HI)~~	~~0.8~~
~~Resident – Adult~~	~~Cumulative risk Resident – Adult (HI)~~	~~0.1~~
~~Resident – Child~~	~~Cumulative risk Resident – Child (HI)~~	~~0.3~~
~~LOW ORNAMENTALS (re-entry activity: inspection, irrigation)~~		
~~Operators Application technique: Normal&Vehicle-mounted (protected body during M&L and Application)~~	~~Cumulative risk Operators (HI)~~	~~0.7~~
~~Operators Application technique: normal&Manual Hand held Application (protected body and hands during M&L and Application)~~		~~0.9~~
~~O Operators Application technique: normal&Manual Knapsack Application (protected body and~~		~~0.9~~

Application scenario		Estimated exposure / MODEL OPEX
~~hands during M&L and Application)~~		
~~Worker (Arms, body and legs covered)~~	~~**Cumulative risk Workers (HI)**~~	~~0.2~~
~~Resident - Adult~~	~~**Cumulative risk Resident – Adult (HI)**~~	~~0.1~~
~~Resident – Child~~	~~**Cumulative risk Resident – Child (HI)**~~	~~0.3~~
HIGH ORNAMENTALS (re-entry activity: cutting, sorting, bundling, carrying)		
Operators Application technique: Normal&Vehicle-mounted (~~protected body~~ workwear during M&L and Application)	**Cumulative risk Operators (HI)**	~~0.7~~ 0.8
Operators Application technique: normal&Manual-Hand held Application (~~protected body~~ workwear during M&L and Application)		0.4
Operators Application technique: normal&Manual-Knapsack Application (~~protected body~~ workwear during M&L and Application)		~~0.4~~ 0.3
Workers (Workwear - arms, body and legs covered)	**Cumulative risk Workers (HI)**	~~0.8~~ ~~0.9~~ 3.1
Workers (Gloves and Workwear - arms, body and legs covered)	**Cumulative risk Workers (HI)**	0.9
Resident – Adult Buffer zone 5 m	**Cumulative risk Resident – Adult (HI)**	~~0.3~~ 0.1
Resident – Child Buffer zone 5 m	**Cumulative risk Resident – Child (HI)**	~~0.5~~ 0.2
HIGH ORNAMENTALS (re-entry activity: inspection, irrigation)		

Application scenario		Estimated exposure / MODEL OPEX
Operators Application technique: Normal&Vehicle-mounted (~~protected body~~ workwear during M&L and Application	**Cumulative risk Operators (HI)**	~~0.7~~ 0.8
Operators Application technique: normal&Manual-Hand held Application (~~protected body~~ workwear during M&L and Application)		0.4
Operators Application technique: normal&Manual-Knapsack Application (~~protected body~~ workwear during M&L and Application		0.3
Workers (Workwear - Arms, body and legs covered)	**Cumulative risk Workers (HI)**	0.2
Resident – Adult Buffer zone 5 m	**Cumulative risk Resident – Adult (HI)**	0.3
Resident – Child Buffer zone 5 m	**Cumulative risk Resident – Child (HI)**	0.5
~~ORCHARDS (re-entry activity:maintenance/thinning)~~		
~~Operators Application technique: Normal&Vehicle-mounted (protected body during M&L and Application~~	**~~Cumulative risk Operators (HI)~~**	~~0.6~~
~~Operators Application technique: normal&Manual-Hand held Application (protected body during M&L and Application)~~		~~0.3~~
~~Operators Application technique: normal&Manual-~~		~~0.3~~

Application scenario		Estimated exposure / MODEL OPEX
Knapsack Application (protected body during M&L and Application		
Workers (hands, arms, body and legs covered)	Cumulative risk Workers (III)	1.0
Resident – Adult	Cumulative risk Resident – Adult (III)	0.2
Resident – Child	Cumulative risk Resident – Child (III)	0.4
ORCHARDS (re-entry activity: inspection, irrigation)		
Operators Application technique: Normal&Vehicle-mounted (protected body during M&L and Application	Cumulative risk Operators (III)	0.6
Operators Application technique: normal&Manual Hand held Application (protected body during M&L and Application)		0.3
Operators Application technique: normal&Manual-Knapsack Application (protected body during M&L and Application		0.3
Workers (arms, body and legs covered)	Cumulative risk Workers (III)	0.1
Resident - Adult	Cumulative risk Resident – Adult (III)	0.2
Resident – Child	Cumulative risk Resident – Child (III)	0.4
ORCHARDS (re-entry activity: searching, reaching, picking)		
Operators Application technique: Normal&Vehicle-mounted (protected	Cumulative risk Operators (III)	0.6

Application scenario		Estimated exposure / MODEL OPEX
~~body during M&L and Application~~		
~~Operators Application technique: normal&Manual Hand held Application (protected body during M&L and Application)~~		~~0.3~~
~~Operators Application technique: normal&Manual Knapsack Application (protected body during M&L and Application~~		~~0.3~~
~~Workers (hands, arms, body and legs covered)~~	~~Cumulative risk Workers (III)~~	~~0.6~~
~~Resident - Adult~~	~~Cumulative risk Resident – Adult (III)~~	~~0.2~~
~~Resident - Child~~	~~Cumulative risk Resident – Child (III)~~	~~0.4~~

* The calculations for scenarios low vegetables for re-entry activities - Maintenance and Harvest (only Brassica) are not available in OPEX MODEL ~~version 1.0.1~~ version 1.0.2 for combined exposure (hands, arms, body and legs covered). Safe-entry interval - 23 days.

The Guidance on the assessment of exposure of operators, workers, residents and bystanders (2022) the information about Transfer coefficients for the low vegetables scenario (nature of task: Harvest/ maintenance with PPE: covered body (workwear) and gloves (PPE) are not available.

TC value for the low vegetables nature of task scenario: Harvest/maintenance with PPE: covered body (workwear) and gloves (PPE) was extrapolated with proportion to the value from the Low vegetables (Reach/pick) - TC assuming, arms, body and legscovered (workwear;bare hands) and TC, covered body(workwear) and gloves (PPE).
TC for scenario low vegetables (harvest/maintenance) - covered body (workwear) and gloves (PPE) amounts to 1160 cm^2/h.

The dermal exposure for low vegetables (harvest/maintenance - with TC, covered body (workwear) and gloves (PPE)) was calculated according to Guidance on the assessment of exposure of operators, workers, residents and bystanders dermal exposure and using the following formula:

$$PDE = (DFR \text{ or } TTR \times TC \times T)/1{,}000,$$

where:

- PDE = potential dermal exposure (mg a.s./day)
- DFR = dislodgeable foliar residue ($\mu g/cm^2$) (consider MAF, if necessary)
- TTR = turf transferable residue ($\mu g/cm^2$) in the case of amenity grassland
- TC = transfer coefficient (cm^2/h)
- T = task duration (h/day).

The DFR value is 0.6 µg/cm² for azoxystrobin and 0.375 µg/cm² for difenoconazole.
The default value for time of exposure should be taken as 8 h for harvesting and maintenance type activities.
The transfer coefficient value was extrapolated and amounts to 1160 cm²/h.

The dermal exposure (mg a.s./day) for azoxystrobin is ~~2.784~~ 5.568 mg a.s./day for scenario low vegetables (Harvest/ maintenance – covered body (workwear) and gloves (PPE). ~~The estimated exposure (% of AOEL at day 0) is 23.2 %~~
The dermal exposure (mg a.s./day) for difenoconazole is ~~1.53~~ 3.48 mg a.s./day for scenario low vegetables (Harvest/ maintenance – covered body (workwear) and gloves (PPE). ~~The estimated exposure (% of AOEL at day 0) is 15.95 %.~~

The combined exposure for scenario low vegetables (Harvest/ maintenance – covered body (workwear) and gloves (PPE) is ~~0.4.~~ 0.7

Appendix 1 Lists of data considered in support of the evaluation

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 6.3.1	K. Czerwińska	2024	Toxicological classification of product CHR/F/SCORPIO 325 based on calculation method taking into consideration health hazards of constituent substances. PUH Chemirol Sp. z o.o. non GLP Unpublished	N	Chemirol

List of data submitted or referred to by the applicant and relied on, but already evaluated at EU peer review

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 6.4.1	Callander R.	2005	Azoxystrobin Metabolite R234886: Bacterial Mutation Assay In S.Typhimurium and E. Coli. Central Toxicology Laboratory, Alderley Park, Macclesfield, Cheshire, UK Laboratory Report No. CTL/YV7083; Syngenta File No. R234886/0005 GLP Yes Unpublished	N	SYN
KCP 6.4.1	Straube E.	2005	Azoxystrobine metabolite R234886: Acute Oral Toxicity Study In The Rat (Up and Down Procedure) Laboratory report number A12284; Syngenta File No, R234886/0004. GLP Yes Unpublished	N	SYN

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 studies relied upon

A 2.1 Statement on bridging possibilities

Not required.

A 2.2 Acute oral toxicity (KCP 7.1.1)

zRMS's comment	The toxicological assessment of the CHR/F/SCORPIO 325 SC formulation was carried out by calculation method in accordance with the principles of Regulation 1272/2008. Details are included in Doc. C. According to the calculation results, CHR/F/SCORPIO 325 SC should not be classified for human health as oral toxic.

Reference:	KCP 7.1.1
Report	Toxicological classification of product CHR/F/SCORPIO 325 SC based on calculation method taking into consideration health hazards of constituent substances; 2024, K.Czerwińska
Guideline(s):	Regulation (EC) No. 1272/2008
Deviations:	-
GLP:	No
Acceptability:	

According to point 7.1.1 of Part A of Annex to the Commission Regulation (EU) No 284/2013 as regards the data requirements for plant protection products:
"A test for acute oral toxicity shall be carried out, unless the applicant can justify an alternative approach under Regulation (EC) No 1272/2008. In the latter case, acute oral toxicity of all components shall be provided or reliably predicted with a validated method. Consideration shall be given to the possible effects of components on the toxic potential of the total mixture."

The complete composition of the formulation with the classification of individual ingredients is available in part C.

Due to the fact, that all components of the formulation CHR/F/SCORPIO 325 SC are known, the acute oral toxicity test is not necessary.

We use the summation method using the formula:

$$ATE_{mix} = \frac{100}{\sum_{i=1}^{n} \frac{C_i}{ATE_i}}$$

Where:

- Ci - concentration of ingredient i (% w/w or % v/v)
- i – the individual ingredient from 1 to n
- n – the number of ingredients
- ATEi - Acute Toxicity Estimate of ingredient i.

We use the table:

Table 3.1.2 Conversion from experimentally obtained acute toxicity range values (or acute toxicity hazard categories) to acute toxicity point estimates for classification for the respective routes of exposure.

Exposure routes	Classification Category or experimentally obtained acute toxicity range estimate	Converted acute toxicity point estimate (see Note 1)
Oral (mg/kg bodyweight)	0 < Category 1 ≤ 5 5 < Category 2 ≤ 50 50 < Category 3 ≤ 300 300 < Category 4 ≤ 2 000	0,5 5 100 500
Dermal (mg/kg bodyweight)	0 < Category 1 ≤ 50 50 < Category 2 ≤ 200 200 < Category 3 ≤ 1 000 1 000 < Category 4 ≤ 2 000	5 50 300 1 100
Gases (ppmV)	0 < Category 1 ≤ 100 100 < Category 2 ≤ 500 500 < Category 3 ≤ 2 500 2 500 < Category 4 ≤ 20 000	10 100 700 4 500
Vapours (mg/l)	0 < Category 1 ≤ 0,5 0,5 < Category 2 ≤ 2,0 2,0 < Category 3 ≤ 10,0 10,0 < Category 4 ≤ 20,0	0,05 0,5 3 11
Dust/mist (mg/l)	0< Category 1 ≤ 0,05 0,05 < Category 2 ≤ 0,5 0,5 < Category 3 ≤ 1,0 1,0 < Category 4 ≤ 5,0	0,005 0,05 0,5 1,5

Note 1 These values are designed to be used in the calculation of the ATE for classification of a mixture based on its components and do not represent test results.

Three ingredients are classified in this class of hazard.

- 11.98% (Acute Tox. 4, H302, ATE=1453 mg/kg bw)
- 0.0075% (Acute Tox. 4, H302, LD_{50} = 670 mg/kg)
- 20.7% (Acute Tox. 4, H302)

LD_{50} for the ingredient one is 670 mg/kg (according to MSDS). For the ~~rest of~~ components ~~s~~ I the estimated value~~s~~ from the table 3.1.2 were used.

$$ATE_{mix} = \frac{100}{\sum_{i=1}^{n} \frac{C_i}{ATE_{mix}}} = \frac{100}{\frac{11,98}{1453} + \frac{0,0075}{670} + \frac{20,7}{500}} = 2014 \text{ mg/kg bw}$$

According to the table 3.1.2, a result (2014 mg/kg bw > 2 000 mg/kg bw) is higher from the ATE_{mix} triggering classification. Therefore the formulation is not classified as Acute Tox. 4, H302.

Conclusion

According to calculation method, the result 20148 mg/kg bw is higher than result triggering classification. Therefore the formulation is not classified as Acute Tox. 4, H302.

According to point 7.1.1 of part A of Annex Regulation No 284/2014, it is possible to waive from performing acute oral toxicity tests.

A 2.3 Acute percutaneous (dermal) toxicity (KCP 7.1.2)

zRMS's comment	The toxicological assessment of the CHR/F/SCORPIO 325 SC formulation was carried out by calculation method in accordance with the principles of Regulation 1272/2008. None of the components of CHR/F/SCORPIO 325 SC is classified as dermal toxic, therefore the whole formulation is not classified in this hazard class.

Reference:	KCP 7.1.2
Report	Toxicological classification of product CHR/F/SCORPIO 325 SC based on calculation method taking into consideration health hazards of constituent substances; 2024, K.Czerwińska
Guideline(s):	Regulation (EC) No. 1272/2008
Deviations:	-
GLP:	No
Acceptability:	

According to point 7.1.2 of Part A of Annex to the Commission Regulation (EU) No 284/2013 as regards the data requirements for plant protection products:
"A test for dermal toxicity shall be carried out on a case by case basis, unless the applicant can justify an alternative approach under Regulation (EC) No 1272/2008. In the latter case, acute dermal toxicity of all components shall be provided or reliably predicted with a validated method. Consideration shall be given to the possible effects of components on the toxic potential of the total mixture.
Findings of severe skin irritation or corrosion in the dermal study may be used instead of performing a specific irritation study."

The complete composition of the formulation with the classification of individual ingredients is available in part C.

Due to the fact, that all components of the formulation CHR/F/SCORPIO 325 SC are known, the acute

dermal toxicity test is not necessary.

Conclusion

No relevant ingredients classified in this class of hazard.

A 2.4 Acute inhalation toxicity (KCP 7.1.3)

zRMS's comment	The toxicological assessment of the CHR/F/SCORPIO 325 SC formulation was carried out by calculation method in accordance with the principles of Regulation 1272/2008. Details are included in Doc. C. According to the calculation results, CHR/F/SCORPIO 325 SC should be classified for human health as Acute Tox. 4 with hazard statement H332 - *Harmful if inhaled*.

Reference:	KCP 7.1.3
Report	Toxicological classification of product CHR/F/SCORPIO 325 SC based on calculation method taking into consideration health hazards of constituent substances; 2024, K.Czerwińska
Guideline(s):	Regulation (EC) No. 1272/2008
Deviations:	-
GLP:	No
Acceptability:	

Inhalation study on CHR/F/SCORPIO 325 SC is not required according to point 7.1.3 of Part A of Annex to the Commission Regulation (EU) No 284/2013 as regards the data requirements for plant protection products the inhalation test must be carried out since the preparation is:

- a gas or liquefied gas,
- a smoke generating formulation or fumigant,
- used with fogging equipment,
- a vapor releasing preparation,
- an aerosol,
- a powder containing a significant proportion of particles of diameter <50 µm (> 1% on a weight basis),
- to be applied from aircraft in cases where inhalation exposure is relevant,
- contains an active substance with a vapor pressure > 1x10-2 Pa and is to be used in enclosed spaces such as warehouses or glasshouses,
- to be applied in a manner which generates a significant proportion of particles or droplets of diameter < 50 µm (> 1% on a weight basis).

The active substances and the other co-formulants are not classified as acute inhalation toxic, it can be assumed that entire formulation is not classified in this class. According to point 7.1.3 of part A of Annex Regulation No 284/2014, it is possible to waive from acute inhalation toxicity test.

The complete composition of the formulation with the classification of individual ingredients is available in part C.

Materials and methods

We use the summation method using the formula:

$$ATE_{mix} = \frac{100}{\sum_{i=1}^{n} \frac{C_i}{ATE_i}}$$

Where:

- Ci - concentration of ingredient i (% w/w or % v/v)
- i – the individual ingredient from 1 to n
- n – the number of ingredients
- ATEi - Acute Toxicity Estimate of ingredient i.

We use the table:

Table 3.1.2 Conversion from experimentally obtained acute toxicity range values (or acute toxicity hazard categories) to acute toxicity point estimates for classification for the respective routes of exposure.

Exposure routes	Classification Category or experimentally obtained acute toxicity range estimate	Converted acute toxicity point estimate (see Note 1)
Oral (mg/kg bodyweight)	0 < Category 1 ≤ 5 5 < Category 2 ≤ 50 50 < Category 3 ≤ 300 300 < Category 4 ≤ 2 000	0,5 5 100 500
Dermal (mg/kg bodyweight)	0 < Category 1 ≤ 50 50 < Category 2 ≤ 200 200 < Category 3 ≤ 1 000 1 000 < Category 4 ≤ 2 000	5 50 300 1 100
Gases (ppmV)	0 < Category 1 ≤ 100 100 < Category 2 ≤ 500 500 < Category 3 ≤ 2 500 2 500 < Category 4 ≤ 20 000	10 100 700 4 500
Vapours (mg/l)	0 < Category 1 ≤ 0,5 0,5 < Category 2 ≤ 2,0 2,0 < Category 3 ≤ 10,0 10,0 < Category 4 ≤ 20,0	0,05 0,5 3 11
Dust/mist (mg/l)	0< Category 1 ≤ 0,05 0,05 < Category 2 ≤ 0,5 0,5 < Category 3 ≤ 1,0 1,0 < Category 4 ≤ 5,0	0,005 0,05 0,5 1,5

Note 1 These values are designed to be used in the calculation of the ATE for classification of a mixture based on its components and do not represent test results.

Two ingredients are classified in this hazard class.

- 18.68 % (Acute Tox. 3, H331, ATE=0.7mg/L)
- 1.13% (Acute Tox 3. H331)

$$ATE_{mix} = \frac{100}{\sum_{i=1}^{n} \frac{C_i}{ATE_{mix}}} = \frac{100}{\frac{18.68}{0.7} + \frac{1.13}{0.5}} = 3.45$$

According to the table 3.1.2, the result (1.0 mg/L < 3.45mg/L ≤ 5.0 mg/L) is lower than ATEmix for dust/mist triggering classification. Therefore the formulation is classified as **Acute Tox. 4, H332.**

Conclusion

According to calculation method, the result 3.45 mg/l is lower than result triggering classification. Therefore the formulation is classified as **Acute Tox. 4, H332.**

A 2.5 Skin irritation (KCP 7.1.4)

zRMS's comment	The toxicological assessment of the CHR/F/SCORPIO 325 SC formulation was carried out by calculation method in accordance with the principles of Regulation 1272/2008. Details are included in Doc. C. According to the calculation results, CHR/F/SCORPIO 325 SC should not be classified for human health as skin irritant.

Reference:	KCP 7.1.4
Report	Toxicological classification of product CHR/F/SCORPIO 325 SC based on calculation method taking into consideration health hazards of constituent substances; 2024, K.Czerwińska
Guideline(s):	Regulation (EC) No. 1272/2008
Deviations:	-
GLP:	No
Acceptability:	

According to point 7.1.4 of Part A of Annex to the Commission Regulation (EU) No 284/2013 as regards the data requirements for plant protection products:
" The skin irritancy of the plant protection product shall be reported based on the tiered approach, unless the applicant can justify an alternative approach under Regulation (EC) No 1272/2008. In the latter case, skin irritation properties of all components shall be provided or reliably predicted with a validated method. Consideration shall be given to the possible effects of components on the irritant potential of the total mixture."

The complete composition of the formulation with the classification of individual ingredients is available in part C.
Due to the fact, that all components of the formulation CHR/F/SCORPIO 325 SC are known, skin corrosive test is not necessary.

For consideration of corrosive and irritant properties the following table applies:

Table 3.2.3 Generic concentration limits of ingredients classified for skin corrosive/irritant hazard (Category 1 or 2) that trigger classification of the mixture as corrosive/irritant to skin.

Sum of ingredients classified as:	Concentration triggering classification of a mixture as:	
	Skin Corrosive	Skin Irritant
	Category 1 (see note below)	Category 2
Skin Corrosive Categories 1A, 1B, 1C	≥ 5 %	≥ 1 % but < 5 %
Skin irritant Category 2		≥ 10 %
10 × Skin Corrosive Category 1A, 1B, 1C) + Skin irritant Category 2		≥ 10 %

Note
The sum of all ingredients of a mixture classified as Skin Corrosive Category 1A, 1B or 1C respectively, shall each be ≥ 5 % respectively in order to classify the mixture as either Skin Corrosive Category 1A, 1B or 1C. If the sum of the Skin Corrosive Category 1A ingredients is < 5 % but the sum of Category 1A+1B ingredients is ≥ 5 %, the mixture shall be classified as Skin Corrosive Category 1B. Similarly, if the sum of Skin Corrosive Category 1A+1B ingredients is < 5 % but the sum of Category 1A+1B+1C ingredients is ≥ 5 % the mixture shall be classified as Skin Corrosive Category 1C.

Only one ingredient is relevant in this class of hazard
- 0.003% (Skin Corr. 1, H314)

We use the summation method, consisting in adding up the percentages of all ingredients classified in the each class (according to the table 3.2.3).

According to the table 3.2.3, the sum of components classified as corrosive to skin (0.003%) is lower than concentration triggering classification (1%). Therefore the formulation is not classified in this class of hazard.

Two ingredients are classified in this class.
- 0.0075% (Skin Irrit. 2, H315)
- 0.003% (Skin Corr. 1, H314)

We use the summation method, consisting in adding up the percentages of all ingredients classified in the each class and taking into account ingredients classified in higher class (according to the table 3.2.3).

$$10 \times \sum C_{SkinCorr} + \sum C_{SkinIrrit} = 0.03\% + 0.0075\% = 0.0375\%$$

According to the table 3.2.3, the sum of components classified as irritant and corrosive to skin (0.0375%) is lower than generic concentration level (10%). Therefore the formulation is not classified in this class of hazard.

Conclusion

According to calculation method, the result 0.003 % and 0.0375 % is significantly lower than a concentration triggering classification (1% and 10 % respectively). Therefore the formulation is not classified as Skin Corr. 1, H314 nor Skin Irrit. 2, H315.

A 2.6 Eye irritation (KCP 7.1.5)

zRMS's comment	The toxicological assessment of the CHR/F/SCORPIO 325 SC formulation was carried out by calculation method in accordance with the principles of Regulation 1272/2008. Details are included in Doc. C. According to the calculation results, CHR/F/SCORPIO 325 SC should be classified for human health as Eye Dam. 1 with hazard statement H318 - *Causes serious eye damage*.

Reference:	KCP 7.1.5
Report	Toxicological classification of product CHR/F/SCORPIO 325 SC based on calculation method taking into consideration health hazards of constituent substances; 2024, K.Czerwińska
Guideline(s):	Regulation (EC) No. 1272/2008
Deviations:	-
GLP:	No
Acceptability:	

According to point 7.1.5 of Part A of Annex to the Commission Regulation (EU) No 284/2013 as regards the data requirements for plant protection products:
" Eye irritation tests shall be provided, unless it is likely that severe effects on the eyes may be produced or the applicant can justify an alternative approach under Regulation (EC) No 1272/2008. In the latter case, eye irritation properties of all components shall be provided or reliably predicted with a validated method. Consideration shall be given to the possible effects of components on the irritant potential of the total mixture."

The complete composition of the formulation with the classification of individual ingredients is available in part C.
Due to the fact, that all components of the formulation CHR/F/SCORPIO 325 SC are known, eye corrosion

test is not necessary.

For consideration of corrosive and irritant properties the following table applies:

Table 3.3.3 Generic concentration limits of ingredients of a mixture classified as Skin corrosive Category 1 and/ or eye Category 1 or 2 for effects on the eye that trigger classification of the mixture for effects on the eye (Category 1 or 2).

Sum of ingredients classified as:	Concentration triggering classification of a mixture as:	
	Irreversible Eye Effects	Reversible Eye Effects
	Category 1	Category 2
Eye Effects Category 1 or Skin Corrosive Category 1A, 1B, 1C	≥ 3 %	≥ 1 % but < 3 %
Eye Effects Category 2		≥ 10 %
(10 × Eye Effects Category 1) + Eye effects Category 2		≥ 10 %
Skin Corrosive Category 1A, 1B, 1C + Eye effects Category 1	≥ 3 %	≥ 1 % but < 3 %
10 × (Skin Corrosive Category 1A, 1B, 1C + Eye Effects Category 1) + Eye Effects Category 2		≥ 10 %

~~Four~~ Five ingredients are relevant in this class of hazard.

- 11.98% (Eye Irrit., H319)
- 0.0075% (Eye Dam. 1, H318)
- 0.003% (Skin Corr 1A H314)
- 20.7 % (Eye Dam. 1, H318)
- 0.25% (Eye Irrit.2, H319)

Conclusion

One of the ingredients has a concentration of 20.7% and belongs to the Eye Dam hazard class. 1, H318, which is higher than the concentration that would lead to classification in class 1 (3%). Therefore, the preparation is classified as **Eye Dam. 1, H318.**

A 2.7 Skin sensitisation (KCP 7.1.6)

zRMS's comment	The toxicological assessment of the CHR/F/SCORPIO 325 SC formulation was carried out by calculation method in accordance with the principles of Regulation 1272/2008. Details are included in Doc. C. According to the calculation results, CHR/F/SCORPIO 325 SC should not be classified for human health as skin sensitiser, however it should be labelled as EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one. May cause an allergic reaction.

Reference:	KCP 7.1.6
Report	Toxicological classification of product CHR/F/SCORPIO 325 SC based on calculation method taking into consideration health hazards of constituent substances; 2024, K.Czerwińska
Guideline(s):	Regulation (EC) No. 1272/2008
Deviations:	-
GLP:	No
Acceptability:	

According to point 7.1.6 of Part A of Annex to the Commission Regulation (EU) No 284/2013 as regards the data requirements for plant protection products:

”The skin sensitisation test shall be carried out unless the active substances or co-formulants are known to have sensitising properties or the applicant can justify an alternative approach under Regulation (EC) No 1272/2008. In the latter case, skin sensitisation properties of all components shall be provided or reliably predicted with a validated method.
Consideration shall be given to the possible effects of components on the sensitising potential of the total mixture.”
Due to the fact, that all components of the formulation CHR/F/SCORPIO 325 SC are known, skin sensitisation test is not necessary.

The complete composition of the formulation with the classification of individual ingredients is available in part C.

Materials and methods

We use the table:

Table 3.4.5
Generic concentration limits of ingredients of a mixture classified as either skin sensitisers or respiratory sensitisers that trigger classification of the mixture

Ingredient classified as:	Concentration triggering classification of a mixture as:		
	Skin Sensitiser	Respiratory Sensitiser	
	All physical states	Solid/Liquid	Gas
Skin Sensitiser Category 1	≥ 1,0 %	-	-
Skin Sensitiser Category 1A	≥ 0,1 %	-	-
Skin Sensitiser Category 1B	≥ 1,0 %		
Respiratory Sensitiser Category 1	-	≥ 1,0 %	≥ 0,2 %

Respiratory Sensitiser Category 1A	-	≥ 0,1 %	≥ 0,1 %
Respiratory Sensitiser Category 1B		≥ 1,0 %	≥ 0,2 %

One ingredient is relevant in this class of hazard.

- 0.0075 % (Skin Sens. 1, H317) (SCL: C ≥ 0.05~~36~~ %) (21 ATP)

The relevant ingredient does not exceed the specific concentration limit that causes the product to be classified as a sensitizer (0.05~~36~~%)~~,~~, however it exceeds one tenth of the SCL value, therefore according to the ATP21, the CHR/F/SCORPIO 325 SC formulation should be labelled as EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one. May cause an allergic reaction.

Conclusion

According to the calculation method, the concentration of the corresponding component is much lower than the specific concentration causing classification (0.05~~36~~%). Therefore, the preparation is not classified as Skin Sens. 1, H317. However, its concentration exceeds one tenth of the SCL value, therefore according to the ATP21, the CHR/F/SCORPIO 325 SC formulation should be labelled as EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one. May cause an allergic reaction.

A 2.8 Supplementary studies for combinations of plant protection products (KCP 7.1.7)

Not required.

A 2.9 Data on co-formulants (KCP 7.4)

Not required.

A 2.9.1 Material safety data sheet for each co- formulant

Information regarding material safety data sheets of the co-formulants can be found in the confidential dossier of this submission (Registration Report - Part C).

A 2.9.2 Available toxicological data for each co-formulant

Available toxicological data for each co-formulant can be found in the confidential dossier of this submission (Registration Report - Part C).

A 2.10 Studies on dermal absorption (KCP 7.3)

zRMS's comment	In the absence of experimental data for CHR/F/SCORPIO 325 SC, default values for formulation type: suspension concentrate (SC) were used according to the Guidance on dermal absorption (EFSA Journal 2017;15(6):4873).

Annex point	Author	Year	Title Source, Company, Report No. GLP or GEP status (where relevant) Published or Unpublished	Data protection claimed Y/N	Owner	Data used
~~KIIIA1 7.6.2 / 03~~	~~Toner F., Swanson A.~~	~~2013~~	~~Difenoconazole/Azoxystrobin SC (A18253A) - The In Vitro Percutaneous Absorption of Radiolabelled Difenoconazole in Concentrate Formulation and Two In-Use Dilutions Through Human Split-Thickness Skin Syngenta Charles River Laboratories, Edinburgh, United Kingdom, 34702 GLP, not published Syngenta File No A18253A_10052~~	~~N~~	~~Syngenta~~	~~Yes~~

Appendix 3 Exposure calculations

EFSA OPEX version 1.0.2 – Report:

CHR_F_SCORPIO 325 SC_ Clapton 325 SC, S

~~A 3.1 Operator exposure calculations (KCP 7.2.1.1)~~

~~Table A 1: Estimation of operator exposure towards difeconazole without PPE during application using AOEM Model – OILSEED RAPE~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*I_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	6,25	kg a.s./day	*I_AmoutAS*
Dermal absorption of the product	25,00%		*I_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*I_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	19909	74139	AOEM	
Body	12935	122660	AOEM	
Head	324	1778	AOEM	
Protected hands (gloves)	113	1238	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
Protected head (hood and face shield)	5	101	AOEM	
Inhalation	6	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	927	8771	AOEM	
Body	518	2672	AOEM	
Head	24	74	AOEM	
Protected hands (gloves)	115	4127	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
Inhalation	3	8	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	No			
Clothing	Potential exposure		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,7953103	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0132552	
% of RVNAS	93,21%	8,28%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	6,0885254	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,1014754	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table A2: Estimation of operator exposure towards azoxystrobin without PPEduring application using AOEM Model – OILSEED RAPE~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	10	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded		Reference	Comment
		75th centile	95th centile		
Mixing and loading	Hands	28588	106902	AOEM	
	Body	17999	140606	AOEM	
	Head	519	2846	AOEM	
	Protected hands (gloves)	154	1981	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
	Protected head (hood and face shield)	8	161	AOEM	
	Inhalation	7	30	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied		Reference	Comment
		75th centile	95th centile		
Application	Hands	1483	12376	AOEM	
	Body	829	4275	AOEM	
	Head	39	118	AOEM	
	Protected hands (gloves)	148	4360	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
	Inhalation	3	11	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	No			
	Clothing	Potential exposure		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	1,2720966	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0212016	
% of RVNAS	49,14%	10,60%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	9,0546441	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,1509107	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~**Table A3: Estimation of operator exposure towards difeconazole with PPE – gloves ad workwear at application using AOEM Model – OILSEED RAPE**~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	6,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	19909	74139	AOEM	
Body	12935	122660	AOEM	
Head	324	1778	AOEM	
Protected hands (gloves)	113	1238	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
Protected head (hood and face shield)	5	101	AOEM	
Inhalation	6	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	927	8771	AOEM	
Body	518	2672	AOEM	
Head	24	74	AOEM	
Protected hands (gloves)	115	4127	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
Inhalation	3	8	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,2160524	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0036009	
% of RVNAS	93,21%	2,25%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	2,8847291	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,0480788	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table A4: Estimation of operator exposure towards azoxystrobin with PPE – gloves ad workwear at application using AOEM Model – OILSEED RAPE~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	10	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	28588	106902	AOEM	
Body	17999	140606	AOEM	
Head	519	2846	AOEM	
Protected hands (gloves)	154	1981	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
Protected head (hood and face shield)	8	161	AOEM	
Inhalation	7	30	AOEM	
Protective Equipment		Select for inclusion	Penetration factor	Inhalation Protection factor
Gloves		Yes	Incl. in AOEM model	
Clothing		Work wear - arms, body and legs covered	Incl. in AOEM model	
Head and respiratory PPE		None	1	1
Water soluble bag		No	1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	1483	12376	AOEM	
Body	829	4275	AOEM	
Head	39	118	AOEM	
Protected hands (gloves)	148	4360	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
Inhalation	3	11	AOEM	
Protective Equipment		Select for inclusion	Penetration factor	Inhalation Protection factor
Gloves		Yes	Incl. in AOEM model	
Clothing		Work wear - arms, body and legs covered	Incl. in AOEM model	
Head and respiratory PPE		None	1	1
Closed cab		No	vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	0,2011753	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0033529	
% of RVNAS	49,14%	1,68%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	2,9369433	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,0489491	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table A5 Estimation of worker exposure towards difeconazole using AOEM Model – OILSEED RAPE~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Oilseeds		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Inspection, irrigation		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	90	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,1		*d_MAF*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	44,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm^2	*d_DFR*
Working hours	2	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	12500	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	1400	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	no TC available for this assessment	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	4,6406250	0,5197500	no TC available for this assessment	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0773438	0,0086625		
% of RVNAS	48,34%	5,41%		

~~Table A6 Estimation of worker exposure towards azoxystrobin using AOEM Model – OILSEED RAPE~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Oilseeds		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Inspection, irrigation		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	90	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,1		*d_MAF*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	50,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Working hours	2	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	12500	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	1400	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	no TC available for this assessment	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	8,4375000	0,9450000	no TC available for this assessment	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,1406250	0,0157500		
% of RVNAS	70,31%	7,88%		

~~Table A7 Estimation of resident exposure towards difeconazole AOEM Model- OILSEED RAPE~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Croptype	Oilseeds		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		*I_AppEquip*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		*I_FormVol*
Buffer strip	2-3	m	*I_Buffer*
Application rate of the product	0,125	kg a.s./ha	*I_AppRate*
Concentration of active substance (in-use dilution for liquid applications)	0,625	g a.s./l	*d_ConcAS*
Dermal absorption of product	25,00%		*I_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*I_AbsorpInuse*
Oral absorption	100,00%		*I_AbsorpOralInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm²	*d_DFR*
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	*I_Volat*
Concentration in air	0,001	mg/m³	*d_AirCon*
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	*d_ReExpDur*
Exposure duration inhalation	24	hours	*d_ReExpDurInhal*
Exposure duration entry into treated crops	0,25	hours	*d_ExpDurTreatCrop*
Light clothing adjustment factor	18,0%		*d_ClothAF*
Breathing rate adult	0,23	m³/day/kg	*d_BreathRAd*
Breathing rate child (1-3 year old)	1,07	m³/day/kg	*d_BreathRCh*
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		*d_Turf*
Transfer coeff. of surface deposits-adult	7300	cm²/hour	*d_ReTCAd*
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	*d_ReTCCh*
Saliva extraction percentage	50,00%		*d_SalExt*
Surface area of hands mouthed	20	cm²	*d_AreaHM*
Frequency of hand to mouth activity	9,5	events/hour	*d_ReFreqHM*
Ingestion rate for mouthing of grass per day	25	cm²	*d_MouthGrass*
Dislodgeable residues percentage transferability for object to mouth	20,00%		*d_DRP*
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	*d_TcEntryCh*
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	*d_TcEntryCh*

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0738760	0,0107000	0,0101509	0,1044141	0,1420810
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0073876	0,0010700	0,0010151	0,0104414	0,0142081
% of RVNAS	4,62%	0,67%	0,63%	6,53%	8,88%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1060475	0,0138000	0,0252945	0,3480469	0,3602119
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0017675	0,0002300	0,0004216	0,0058008	0,0060035
% of RVNAS	1,10%	0,14%	0,26%	3,63%	3,75%

~~**Table A8 Estimation of resident exposure towards azoystrobin AOEM Model- OILSEED RAPE**~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Croptype	Oilseeds		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		*i_AppEquip*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		*i_FormVal*
Buffer strip	2-3	m	*i_Buffer*
Application rate of the product	0,2	kg a.s./ha	*i_AppRate*
Concentration of active substance (in-use dilution for liquid applications)	1	g a.s./l	*d_ConcAS*
Dermal absorption of product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorpInuse*
Oral absorption	100,00%		*i_AbsorpOralInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	*i_Volat*
Concentration in air	0,001	mg/m^3	*d_AirCon*
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	*d_ReExpDur*
Exposure duration inhalation	24	hours	*d_ReExpDurInhal*
Exposure duration entry into treated crops	0,25	hours	*d_ExpDurTreatCrop*
Light clothing adjustment factor	18,0%		*d_ClothAF*
Breathing rate adult	0,23	m^3/day/kg	*d_BreathRAd*
Breathing rate child (1-3 year old)	1,07	m^3/day/kg	*d_BreathRCh*
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		*d_Turf*
Transfer coeff. of surface deposits-adult	7300	cm^2/hour	*d_ReTCAd*
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm^2/hour	*d_ReTCCh*
Saliva extraction percentage	50,00%		*d_SalExt*
Surface area of hands mouthed	20	cm^2	*d_AreaHM*
Frequency of hand to mouth activity	9,5	events/hour	*d_ReFreqHM*
Ingestion rate for mouthing of grass per day	25	cm^2	*d_MouthGrass*
Dislodgeable residues percentage transferability for object to mouth	20,00%		*d_DRP*
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm^2/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm^2/h	*d_TcEntryCh*
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm^2/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (mean) - child	1794	cm^2/h	*d_TcEntryCh*

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1342900	0,0107000	0,0182070	0,1898438	0,2493689
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0134290	0,0010700	0,0018207	0,0189844	0,0249369
% of RVNAS	6,71%	0,54%	0,91%	9,49%	12,47%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1928000	0,0138000	0,0459900	0,6328125	0,6436276
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0032133	0,0002300	0,0007665	0,0105469	0,0107271
% of RVNAS	1,61%	0,12%	0,38%	5,27%	5,36%

~~Table B 1: Estimation of operator exposure towards difeconazole without PPE during application using AOEM Model – FRUITING VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	6,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	19909	74139	AOEM	
Body	12935	122660	AOEM	
Head	324	1778	AOEM	
Protected hands (gloves)	113	1238	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
Protected head (hood and face shield)	5	101	AOEM	
Inhalation	6	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	927	8771	AOEM	
Body	518	2672	AOEM	
Head	24	74	AOEM	
Protected hands (gloves)	115	4127	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
Inhalation	3	8	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	No			
Clothing	Potential exposure		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,7953103	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0132552	
% of RVNAS	93,21%	8,28%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	6,0885254	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,1014754	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table B 1: Estimation of operator exposure towards azoxystrobin without PPE during application using AOEM Model – FRUITING VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	10	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Mixing and loading	Hands	28588	106902	AOEM	
	Body	17999	140606	AOEM	
	Head	519	2846	AOEM	
	Protected hands (gloves)	154	1981	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
	Protected head (hood and face shield)	8	161	AOEM	
	Inhalation	7	30	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Application	Hands	1483	12376	AOEM	
	Body	829	4275	AOEM	
	Head	39	118	AOEM	
	Protected hands (gloves)	148	4360	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
	Inhalation	3	11	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	No			
	Clothing	Potential exposure		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	1,2720966	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0212016	
% of RVNAS	49,14%	10,60%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	9,0546441	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,1509107	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table B3: Estimation of operator exposure towards difeconazole with PPE – gloves ad workwear at application using AOEM Model – FRUITING VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	6,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded		Reference	Comment
	75th centile	95th centile		
Hands	19909	74139	AOEM	
Body	12935	122660	AOEM	
Head	324	1778	AOEM	
Protected hands (gloves)	113	1238	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
Protected head (hood and face shield)	5	101	AOEM	
Inhalation	6	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied		Reference	Comment
	75th centile	95th centile		
Hands	927	8771	AOEM	
Body	518	2672	AOEM	
Head	24	74	AOEM	
Protected hands (gloves)	115	4127	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
Inhalation	3	8	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,2160524	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0036009	
% of RVNAS	93,21%	2,25%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	2,8847291	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,0480788	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~**Table B4: Estimation of operator exposure towards azoxystrobin with PPE – gloves ad workwear at application using AOEM Model – FRUITING VEGETABLES**~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	10	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	28588	106902	AOEM	
Body	17999	140606	AOEM	
Head	519	2846	AOEM	
Protected hands (gloves)	154	1981	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
Protected head (hood and face shield)	8	161	AOEM	
Inhalation	7	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	1483	12376	AOEM	
Body	829	4275	AOEM	
Head	39	118	AOEM	
Protected hands (gloves)	148	4360	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
Inhalation	3	11	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	0,2011753	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0033529	
% of RVNAS	49,14%	1,68%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	2,9369433	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,0489491	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table B5 Estimation of worker exposure towards difeconazole using AOEM Model – FRUITING VEGETABLES~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Fruiting vegetables		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Reaching, picking		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	90	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,1		*d_MAF*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	44,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	5800	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	2500	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	580	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	8,6130000	3,7125000	0,8613000	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,1435500	0,0618750	0,0143550	
% of RVNAS	89,72%	38,67%	8,97%	

~~Table B6 Estimation of worker exposure towards azoxystrobin using AOEM Model – FRUITING VEGETABLES~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Fruiting vegetables		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Reaching, picking		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	90	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,1		*d_MAF*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	50,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	5800	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	2500	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	580	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	15,6600000	6,7500000	1,5660000	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,2610000	0,1125000	0,0261000	
% of RVNAS	130,50%	56,25%	13,05%	

~~Table A7 Estimation of resident exposure towards difeconazole AOEM Model– FRUITING VEGETABLES~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Croptype	Fruiting vegetables		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		*i_AppEquip*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		*i_FormVal*
Buffer strip	2-3	m	*i_Buffer*
Application rate of the product	0,125	kg a.s./ha	*i_AppRate*
Concentration of active substance (in-use dilution for liquid applications)	0,625	g a.s./l	*d_ConcAS*
Dermal absorption of product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorpInuse*
Oral absorption	100,00%		*i_AbsorpOralInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm²	*d_DFR*
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	*i_Volat*
Concentration in air	0,001	mg/m³	*d_AirCon*
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	*d_ReExpDur*
Exposure duration inhalation	24	hours	*d_ReExpDurInhal*
Exposure duration entry into treated crops	0,25	hours	*d_ExpDurTreatCrop*
Light clothing adjustment factor	18,0%		*d_ClothAF*
Breathing rate adult	0,23	m³/day/kg	*d_BreathRAd*
Breathing rate child (1-3 year old)	1,07	m³/day/kg	*d_BreathRCh*
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		*d_Turf*
Transfer coeff. of surface deposits-adult	7300	cm²/hour	*d_ReTCAd*
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	*d_ReTCCh*
Saliva extraction percentage	50,00%		*d_SalExt*
Surface area of hands mouthed	20	cm²	*d_AreaHM*
Frequency of hand to mouth activity	9,5	events/hour	*d_ReFreqHM*
Ingestion rate for mouthing of grass per day	25	cm²	*d_MouthGrass*
Dislodgeable residues percentage transferability for object to mouth	20,00%		*d_DRP*
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	*d_TcEntryCh*
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	*d_TcEntryCh*

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0738760	0,0107000	0,0101509	0,1044141	0,1420810
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0073876	0,0010700	0,0010151	0,0104414	0,0142081
% of RVNAS	4,62%	0,67%	0,63%	6,53%	8,88%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1060475	0,0138000	0,0252945	0,3480469	0,3602119
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0017675	0,0002300	0,0004216	0,0058008	0,0060035
% of RVNAS	1,10%	0,14%	0,26%	3,63%	3,75%

~~**Table A8 Estimation of resident exposure towards azoxystrobin AOEM Model FRUITING VEGETABLES**~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Croptype	Fruiting vegetables		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		i_AppEquip
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		i_FormVal
Buffer strip	2-3	m	i_Buffer
Application rate of the product	0,2	kg a.s./ha	i_AppRate
Concentration of active substance (in-use dilution for liquid applications)	1	g a.s./l	d_ConcAS
Dermal absorption of product	10,00%		i_AbsorpProduct
Dermal absorption of in-use dilution	50,00%		i_Absorpinuse
Oral absorption	100,00%		i_AbsorpOralInuse
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm²	d_DFR
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	i_Volat
Concentration in air	0,001	mg/m³	d_AirCon
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	d_ReExpDur
Exposure duration inhalation	24	hours	d_ReExpDurInhal
Exposure duration entry into treated crops	0,25	hours	d_ExpDurTreatCrop
Light clothing adjustment factor	18,0%		d_ClothAF
Breathing rate adult	0,23	m³/day/kg	d_BreathRAd
Breathing rate child (1-3 year old)	1,07	m³/day/kg	d_BreathRCh
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		d_Turf
Transfer coeff. of surface deposits-adult	7300	cm²/hour	d_ReTCAd
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	d_ReTCCh
Saliva extraction percentage	50,00%		d_SalExt
Surface area of hands mouthed	20	cm²	d_AreaHM
Frequency of hand to mouth activity	9,5	events/hour	d_ReFreqHM
Ingestion rate for mouthing of grass per day	25	cm²	d_MouthGrass
Dislodgeable residues percentage transferability for object to mouth	20,00%		d_DRP
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	d_TcEntryCh
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	d_TcEntryCh

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1342900	0,0107000	0,0182070	0,1898438	0,2493689
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0134290	0,0010700	0,0018207	0,0189844	0,0249369
% of RVNAS	6,71%	0,54%	0,91%	9,49%	12,47%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1928000	0,0138000	0,0459900	0,6328125	0,6436276
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0032133	0,0002300	0,0007665	0,0105469	0,0107271
% of RVNAS	1,61%	0,12%	0,38%	5,27%	5,36%

~~Table C 1: Estimation of operator exposure towards difeconazole without PPE during application using AOEM Model – LEAFY VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	6,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Mixing and loading	Hands	19909	74139	AOEM	
	Body	12935	122660	AOEM	
	Head	324	1778	AOEM	
	Protected hands (gloves)	113	1238	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
	Protected head (hood and face shield)	5	101	AOEM	
	Inhalation	6	30	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Application	Hands	927	8771	AOEM	
	Body	518	2672	AOEM	
	Head	24	74	AOEM	
	Protected hands (gloves)	115	4127	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
	Inhalation	3	8	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	No			
	Clothing	Potential exposure		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,7953103	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0132552	
% of RVNAS	93,21%	8,28%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	6,0885254	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,1014754	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table C 2: Estimation of operator exposure towards azoxystrobin without PPE during application using AOEM Model – LEAFY VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*I_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	10	kg a.s./day	*I_AmoutAS*
Dermal absorption of the product	10,00%		*I_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*I_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Mixing and loading	Hands	28588	106902	AOEM	
	Body	17999	140606	AOEM	
	Head	519	2846	AOEM	
	Protected hands (gloves)	154	1981	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
	Protected head (hood and face shield)	8	161	AOEM	
	Inhalation	7	30	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Application	Hands	1483	12376	AOEM	
	Body	829	4275	AOEM	
	Head	39	118	AOEM	
	Protected hands (gloves)	148	4360	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
	Inhalation	3	11	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	No			
	Clothing	Potential exposure		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	1,2720966	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0212016	
% of RVNAS	49,14%	10,60%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	9,0546441	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,1509107	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table C3: Estimation of operator exposure towards difeconazole with PPE – gloves ad workwear at application using AOEM Model – LEAFY VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*I_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	6,25	kg a.s./day	*I_AmoutAS*
Dermal absorption of the product	25,00%		*I_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*I_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded		Reference	Comment
		75th centile	95th centile		
Mixing and loading	Hands	19909	74139	AOEM	
	Body	12935	122660	AOEM	
	Head	324	1778	AOEM	
	Protected hands (gloves)	113	1238	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
	Protected head (hood and face shield)	5	101	AOEM	
	Inhalation	6	30	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied		Reference	Comment
		75th centile	95th centile		
Application	Hands	927	8771	AOEM	
	Body	518	2672	AOEM	
	Head	24	74	AOEM	
	Protected hands (gloves)	115	4127	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
	Inhalation	3	8	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,2160524	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0036009	
% of RVNAS	93,21%	2,25%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	2,8847291	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,0480788	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~**Table C4: Estimation of operator exposure towards azoxystrobin with PPE – gloves ad workwear at application using AOEM Model – LEAFY VEGETABLES**~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*l_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	10	kg a.s./day	*l_AmoutAS*
Dermal absorption of the product	10,00%		*l_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*l_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	28588	106902	AOEM	
Body	17999	140606	AOEM	
Head	519	2846	AOEM	
Protected hands (gloves)	154	1981	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
Protected head (hood and face shield)	8	161	AOEM	
Inhalation	7	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	1483	12376	AOEM	
Body	829	4275	AOEM	
Head	39	118	AOEM	
Protected hands (gloves)	148	4360	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
Inhalation	3	11	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	0,2011753	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0033529	
% of RVNAS	49,14%	1,68%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	2,9369433	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,0489491	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table B5 Estimation of worker exposure towards difeconazole using AOEM Model – LEAFY VEGETABLES~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Leaf vegetables and fresh herbs		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Reaching, picking		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	14	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,7		*d_MAF*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	44,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	5800	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	2500	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	580	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	13,1961466	5,6879942	1,3196147	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,2199358	0,0947999	0,0219936	
% of RVNAS	137,46%	59,25%	13,75%	

~~Table B6 Estimation of worker exposure towards azoxystrobin using AOEM Model – LEAFY VEGETABLES~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Leaf vegetables and fresh herbs		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Reaching, picking		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	14	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,7		*d_MAF*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	50,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	5800	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	2500	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	580	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	23,9929939	10,3418077	2,3992994	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,3998832	0,1723635	0,0399883	
% of RVNAS	199,94%	86,18%	19,99%	

~~Table C7 Estimation of resident exposure towards difeconazole AOEM Model– LEAFY VEGETABLES~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Croptype	Leaf vegetables and fresh herbs		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		i_AppEquip
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		i_FormVal
Buffer strip	2-3	m	i_Buffer
Application rate of the product	0,125	kg a.s./ha	i_AppRate
Concentration of active substance (in-use dilution for liquid applications)	0,416666667	g a.s./l	d_ConcAS
Dermal absorption of product	25,00%		i_AbsorpProduct
Dermal absorption of in-use dilution	44,00%		i_AbsorpInuse
Oral absorption	100,00%		i_AbsorpOralInuse
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm²	d_DFR
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	i_Volat
Concentration in air	0,001	mg/m³	d_AirCon
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	d_ReExpDur
Exposure duration inhalation	24	hours	d_ReExpDurInhal
Exposure duration entry into treated crops	0,25	hours	d_ExpDurTreatCrop
Light clothing adjustment factor	18,0%		d_ClothAF
Breathing rate adult	0,23	m³/day/kg	d_BreathRAd
Breathing rate child (1-3 year old)	1,07	m³/day/kg	d_BreathRCh
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		d_Turf
Transfer coeff. of surface deposits-adult	7300	cm²/hour	d_ReTCAd
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	d_ReTCCh
Saliva extraction percentage	50,00%		d_SalExt
Surface area of hands mouthed	20	cm²	d_AreaHM
Frequency of hand to mouth activity	9,5	events/hour	d_ReFreqHM
Ingestion rate for mouthing of grass per day	25	cm²	d_MouthGrass
Dislodgeable residues percentage transferability for object to mouth	20,00%		d_DRP
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	d_TcEntryCh
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	d_TcEntryCh

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0492507	0,0107000	0,0155524	0,1599748	0,1767706
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0049251	0,0010700	0,0015552	0,0159975	0,0176771
% of RVNAS	3,08%	0,67%	0,97%	10,00%	11,05%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0706983	0,0138000	0,0387542	0,5332495	0,5009401
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0011783	0,0002300	0,0006459	0,0088875	0,0083490
% of RVNAS	0,74%	0,14%	0,40%	5,55%	5,22%

~~Table C8 Estimation of resident exposure towards azoxystrobin AOEM Model- LEAFY VEGETABLES~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Croptype	Leaf vegetables and fresh herbs		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		*i_AppEquip*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		*i_FormVal*
Buffer strip	2-3	m	*i_Buffer*
Application rate of the product	0,2	kg a.s./ha	*i_AppRate*
Concentration of active substance (in-use dilution for liquid applications)	0,666666667	g a.s./l	*d_ConcAS*
Dermal absorption of product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorpInuse*
Oral absorption	100,00%		*i_AbsorpOralInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm²	*d_DFR*
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	*i_Volat*
Concentration in air	0,001	mg/m³	*d_AirCon*
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	*d_ReExpDur*
Exposure duration inhalation	24	hours	*d_ReExpDurInhal*
Exposure duration entry into treated crops	0,25	hours	*d_ExpDurTreatCrop*
Light clothing adjustment factor	18,0%		*d_ClothAF*
Breathing rate adult	0,23	m³/day/kg	*d_BreathRAd*
Breathing rate child (1-3 year old)	1,07	m³/day/kg	*d_BreathRCh*
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		*d_Turf*
Transfer coeff. of surface deposits-adult	7300	cm²/hour	*d_ReTCAd*
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	*d_ReTCCh*
Saliva extraction percentage	50,00%		*d_SalExt*
Surface area of hands mouthed	20	cm²	*d_AreaHM*
Frequency of hand to mouth activity	9,5	events/hour	*d_ReFreqHM*
Ingestion rate for mouthing of grass per day	25	cm²	*d_MouthGrass*
Dislodgeable residues percentage transferability for object to mouth	20,00%		*d_DRP*
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	*d_TcEntryCh*
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	*d_TcEntryCh*

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0895267	0,0107000	0,0278953	0,2908633	0,3123517
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0089527	0,0010700	0,0027895	0,0290863	0,0312352
% of RVNAS	4,48%	0,54%	1,39%	14,54%	15,62%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1285333	0,0138000	0,0704622	0,9695445	0,8995010
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0021422	0,0002300	0,0011744	0,0161591	0,0149917
% of RVNAS	1,07%	0,12%	0,59%	8,08%	7,50%

~~**Table D 1: Estimation of operator exposure towards difeconazole without PPE during application using AOEM Model – ROOT VEGETABLES**~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125 kg a.s./ha	*i_AppRate*
Assumed area treated	50 ha/day	*d_AreaTreated*
Amount of active substance applied	6,25 kg a.s./day	*i_AmountAS*
Dermal absorption of the product	25,00%	*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%	*i_AbsorpInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	
Indoor or Outdoor application	Outdoor	
Application method	Downward spraying	
Application equipment	Vehicle-mounted	
Season	not relevant	

Mixing and loading

Exposure values	µg exposure/day mixed and loaded		Reference	Comment
	75th centile	95th centile		
Hands	19909	74139	AOEM	
Body	12935	122660	AOEM	
Head	324	1778	AOEM	
Protected hands (gloves)	113	1238	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
Protected head (hood and face shield)	5	101	AOEM	
Inhalation	6	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied		Reference	Comment
	75th centile	95th centile		
Hands	927	8771	AOEM	
Body	518	2672	AOEM	
Head	24	74	AOEM	
Protected hands (gloves)	115	4127	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
Inhalation	3	8	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	No			
Clothing	Potential exposure		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,7953103	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0132552	
% of RVNAS	93,21%	8,28%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	6,0885254	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,1014754	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table D 2: Estimation of operator exposure towards azoxystrobin without PPE during application using AOEM Model – ROOT VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	10	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Mixing and loading	Hands	28588	106902	AOEM	
	Body	17999	140606	AOEM	
	Head	519	2846	AOEM	
	Protected hands (gloves)	154	1981	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
	Protected head (hood and face shield)	8	161	AOEM	
	Inhalation	7	30	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Application	Hands	1483	12376	AOEM	
	Body	829	4275	AOEM	
	Head	39	118	AOEM	
	Protected hands (gloves)	148	4360	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
	Inhalation	3	11	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	No			
	Clothing	Potential exposure		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	1,2720966	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0212016	
% of RVNAS	49,14%	10,60%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	9,0546441	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,1509107	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table D3: Estimation of operator exposure towards difeconazole with PPE – gloves ad workwear at application using AOEM Model – ROOT VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	50	ha/day	*d_AreaTreated*
Amount of active substance applied	6,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded		Reference	Comment
	75th centile	95th centile		
Hands	19909	74139	AOEM	
Body	12935	122660	AOEM	
Head	324	1778	AOEM	
Protected hands (gloves)	113	1238	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	121	914	AOEM	
Protected head (hood and face shield)	5	101	AOEM	
Inhalation	6	30	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied		Reference	Comment
	75th centile	95th centile		
Hands	927	8771	AOEM	
Body	518	2672	AOEM	
Head	24	74	AOEM	
Protected hands (gloves)	115	4127	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	14	35	AOEM	
Inhalation	3	8	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	8,9479000	0,2160524	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1491317	0,0036009	
% of RVNAS	93,21%	2,25%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	54,7501237	2,8847291	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,9125021	0,0480788	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table D4: Estimation of operator exposure towards azoxystrobin with PPE – gloves ad workwear at application using AOEM Model – ROOT VEGETABLES~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2 kg a.s./ha	*i_AppRate*
Assumed area treated	50 ha/day	*d_AreaTreated*
Amount of active substance applied	10 kg a.s./day	*i_AmountAS*
Dermal absorption of the product	10,00%	*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%	*i_AbsorpInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	
Indoor or Outdoor application	Outdoor	
Application method	Downward spraying	
Application equipment	Vehicle-mounted	
Season	not relevant	

	Exposure values	µg exposure/day mixed and loaded		Reference	Comment
		75th centile	95th centile		
Mixing and loading	Hands	28588	106902	AOEM	
	Body	17999	140606	AOEM	
	Head	519	2846	AOEM	
	Protected hands (gloves)	154	1981	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	183	1463	AOEM	
	Protected head (hood and face shield)	8	161	AOEM	
	Inhalation	7	30	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied		Reference	Comment
		75th centile	95th centile		
Application	Hands	1483	12376	AOEM	
	Body	829	4275	AOEM	
	Head	39	118	AOEM	
	Protected hands (gloves)	148	4360	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	23	56	AOEM	
	Inhalation	3	11	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted outward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,8971790	0,2011753	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0982863	0,0033529	
% of RVNAS	49,14%	1,68%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	33,4611003	2,9369433	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,5576850	0,0489491	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table D5 Estimation of worker exposure towards difeconazole using AOEM Model – ROOT VEGETABLES~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Root and tuber vegetables		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Inspection, irrigation		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Number of applications	1		*i_AppNo*
Interval between multiple applications	365	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,0		*d_MAF*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	44,00%		*i_Absorpinuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm^2	*d_DFR*
Working hours	2	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	12500	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	1400	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	no TC available for this assessment	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	4,1250000	0,4620000	no TC available for this assessment	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0687500	0,0077000		
% of RVNAS	42,97%	4,81%		

~~Table D6 Estimation of worker exposure towards azoxystrobin using AOEM Model – ROOT VEGETABLES~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Crop type	Root and tuber vegetables		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Inspection, irrigation		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Number of applications	1		*i_AppNo*
Interval between multiple applications	365	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,0		*d_MAF*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	50,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Working hours	2	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	12500	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	1400	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	no TC available for this assessment	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	7,5000000	0,8400000	no TC available for this assessment	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,1250000	0,0140000		
% of RVNAS	62,50%	7,00%		

~~Table C7 Estimation of resident exposure towards difeconazole AOEM Model – ROOT VEGETABLES~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Croptype	Root and tuber vegetables		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		i_AppEquip
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		i_FormVal
Buffer strip	2-3	m	i_Buffer
Application rate of the product	0,125	kg a.s./ha	i_AppRate
Concentration of active substance (in-use dilution for liquid applications)	0,625	g a.s./l	d_ConcAS
Dermal absorption of product	25,00%		i_AbsorpProduct
Dermal absorption of in-use dilution	44,00%		i_AbsorpInuse
Oral absorption	100,00%		i_AbsorpOralInuse
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm²	d_DFR
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	i_Volat
Concentration in air	0,001	mg/m³	d_AirCon
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	d_ReExpDur
Exposure duration inhalation	24	hours	d_ReExpDurInhal
Exposure duration entry into treated crops	0,25	hours	d_ExpDurTreatCrop
Light clothing adjustment factor	18,0%		d_ClothAF
Breathing rate adult	0,23	m³/day/kg	d_BreathRAd
Breathing rate child (1-3 year old)	1,07	m³/day/kg	d_BreathRCh
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		d_Turf
Transfer coeff. of surface deposits-adult	7300	cm²/hour	d_ReTCAd
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	d_ReTCCh
Saliva extraction percentage	50,00%		d_SalExt
Surface area of hands mouthed	20	cm²	d_AreaHM
Frequency of hand to mouth activity	9,5	events/hour	d_ReFreqHM
Ingestion rate for mouthing of grass per day	25	cm²	d_MouthGrass
Dislodgeable residues percentage transferability for object to mouth	20,00%		d_DRP
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	d_TcEntryCh
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	d_TcEntryCh

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0738760	0,0107000	0,0090230	0,0928125	0,1320049
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0073876	0,0010700	0,0009023	0,0092813	0,0132005
% of RVNAS	4,62%	0,67%	0,56%	5,80%	8,25%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1060475	0,0138000	0,0224840	0,3093750	0,3273198
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0017675	0,0002300	0,0003747	0,0051563	0,0054553
% of RVNAS	1,10%	0,14%	0,23%	3,22%	3,41%

~~Table C8 Estimation of resident exposure towards azoystrobin AOEM Model- ROOT VEGETABLES~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Croptype	Root and tuber vegetables		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		i_AppEquip
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		i_FormVal
Buffer strip	2-3	m	i_Buffer
Application rate of the product	0,2	kg a.s./ha	i_AppRate
Concentration of active substance (in-use dilution for liquid applications)	1	g a.s./l	d_ConcAS
Dermal absorption of product	10,00%		i_AbsorpProduct
Dermal absorption of in-use dilution	50,00%		i_AbsorpInuse
Oral absorption	100,00%		i_AbsorpOralInuse
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm²	d_DFR
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	i_Volat
Concentration in air	0,001	mg/m³	d_AirCon
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	d_ReExpDur
Exposure duration inhalation	24	hours	d_ReExpDurInhal
Exposure duration entry into treated crops	0,25	hours	d_ExpDurTreatCrop
Light clothing adjustment factor	18,0%		d_ClothAF
Breathing rate adult	0,23	m³/day/kg	d_BreathRAd
Breathing rate child (1-3 year old)	1,07	m³/day/kg	d_BreathRCh
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		d_Turf
Transfer coeff. of surface deposits-adult	7300	cm²/hour	d_ReTCAd
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	d_ReTCCh
Saliva extraction percentage	50,00%		d_SalExt
Surface area of hands mouthed	20	cm²	d_AreaHM
Frequency of hand to mouth activity	9,5	events/hour	d_ReFreqHM
Ingestion rate for mouthing of grass per day	25	cm²	d_MouthGrass
Dislodgeable residues percentage transferability for object to mouth	20,00%		d_DRP
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	d_TcEntryCh
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	d_TcEntryCh

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1342900	0,0107000	0,0161840	0,1687500	0,2310690
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0134290	0,0010700	0,0016184	0,0168750	0,0231069
% of RVNAS	6,71%	0,54%	0,81%	8,44%	11,55%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1928000	0,0138000	0,0408800	0,5625000	0,5838238
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0032133	0,0002300	0,0006813	0,0093750	0,0097304
% of RVNAS	1,61%	0,12%	0,34%	4,69%	4,87%

~~Table E1: Estimation of operator exposure towards difeconazole without PPE during application using AOEM Model – ORNAMENTALS~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	1,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	5767	21173	AOEM	
Body	4173	76848	AOEM	
Head	65	356	AOEM	
Protected hands (gloves)	40	248	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	29	183	AOEM	
Protected head (hood and face shield)	1	20	AOEM	
Inhalation	4	29	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	2025	4414	AOEM	This scenario assumes that small area equipment is used
Body	2779	3521	AOEM	
Head	17	195	AOEM	
Protected hands (gloves)	25	22	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	35	41	AOEM	
Inhalation	6	46	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	No			
Clothing	Potential exposure		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	4,6323948	2,1645357	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0772066	0,0360756	
% of RVNAS	48,25%	22,55%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	28,2463900	3,8486351	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,4707732	0,0641439	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~**Table E2: Estimation of operator exposure towards azoxystrobin without PPE during application using AOEM Model – ORNAMENTALS**~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*l_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	2	kg a.s./day	*l_AmoutAS*
Dermal absorption of the product	10,00%		*l_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*l_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

OutdoorSoluble concentrates, emulsifiable concentrate, etc.Downward sprayingVehicle-mounted

	Exposure values	µg exposure/day mixed and loaded		Reference	Comment
		75th centile	95th centile		
Mixing and loading	Hands	8281	30530	AOEM	
	Body	5807	88092	AOEM	
	Head	104	569	AOEM	
	Protected hands (gloves)	54	396	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	44	293	AOEM	
	Protected head (hood and face shield)	2	32	AOEM	
	Inhalation	5	29	AOEM	
	Protective Equipment		Select for inclusion	Penetration factor	Inhalation Protection factor
	Gloves		Yes	Incl. in AOEM model	
	Clothing		Work wear - arms, body and legs covered	Incl. in AOEM model	
	Head and respiratory PPE		None	1	1
	Water soluble bag		No	1	

	Exposure values	µg exposure/day applied		Reference	Comment
		75th centile	95th centile		
Application	Hands	3241	6227	AOEM	This scenario assumes that small area equipment is used
	Body	4446	5634	AOEM	
	Head	27	312	AOEM	
	Protected hands (gloves)	32	23	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	56	66	AOEM	
	Inhalation	8	60	AOEM	
	Protective Equipment		Select for inclusion	Penetration factor	Inhalation Protection factor
	Gloves		No		
	Clothing		Potential exposure	Incl. in AOEM model	
	Head and respiratory PPE		None	1	1
	Closed cab		No	vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,2880372	3,8890254	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0881340	0,0648171	
% of RVNAS	44,07%	32,41%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	18,0953892	6,3020756	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,3015898	0,1050346	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table E3: Estimation of operator exposure towards difeconazole with PPE – gloves ad workwear at application using AOEM Model – ORNAMENTALS~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	1,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded		Reference	Comment
		75th centile	95th centile		
Mixing and loading	Hands	5767	21173	AOEM	
	Body	4173	76848	AOEM	
	Head	65	356	AOEM	
	Protected hands (gloves)	40	248	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	29	183	AOEM	
	Protected head (hood and face shield)	1	20	AOEM	
	Inhalation	4	29	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied		Reference	Comment
		75th centile	95th centile		
Application	Hands	2025	4414	AOEM	This scenario assumes that small area equipment is used
	Body	2779	3521	AOEM	
	Head	17	195	AOEM	
	Protected hands (gloves)	25	22	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	35	41	AOEM	
	Inhalation	6	46	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	4,6323948	0,0767217	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0772066	0,0012787	
% of RVNAS	48,25%	0,80%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	28,2463900	0,3850200	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,4707732	0,0064170	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~**Table E4: Estimation of operator exposure towards azoxystrobin with PPE – gloves ad workwear at application using AOEM Model – ORNAMENTALS**~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*l_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	2	kg a.s./day	*l_AmoutAS*
Dermal absorption of the product	10,00%		*l_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*l_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded		Reference	Comment
		75th centile	95th centile		
Mixing and loading	Hands	8281	30530	AOEM	
	Body	5807	88092	AOEM	
	Head	104	569	AOEM	
	Protected hands (gloves)	54	396	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	44	293	AOEM	
	Protected head (hood and face shield)	2	32	AOEM	
	Inhalation	5	29	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied		Reference	Comment
		75th centile	95th centile		
Application	Hands	3241	6227	AOEM	This scenario assumes that small area equipment is used
	Body	4446	5634	AOEM	
	Head	27	312	AOEM	
	Protected hands (gloves)	32	23	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	56	66	AOEM	
	Inhalation	8	60	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	5,2880372	0,0892042	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,0881340	0,0014867	
% of RVNAS	44,07%	0,74%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	18,0953892	0,4158970	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,3015898	0,0069316	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table E5: Estimation of worker exposure towards difeconazole using AOEM Model – ORNAMENTALS~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Ornamentals		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Cutting, sorting, bundling, carrying		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	14	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,7		*d_MAF*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	44,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	14000	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	5000	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	1400	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	31,8527678	11,3759885	3,1852768	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,5308795	0,1895998	0,0530879	
% of RVNAS	331,80%	118,50%	33,18%	

~~Table E6: Estimation of worker exposure towards azoxystrobine using AOEM Model – ORNAMENTALS~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Ornamentals		
Indoor or outdoor	Outdoor		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Cutting, sorting, bundling, carrying		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	14	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,7		*d_MAF*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	50,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	14000	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	5000	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	1400	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	57,9141232	20,6836154	5,7914123	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,9652354	0,3447269	0,0965235	
% of RVNAS	482,62%	172,36%	48,26%	

~~Table E8 Estimation of resident exposure towards difeconazole AOEM Model ORNAMENTALS~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Croptype	Ornamentals		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		*I_AppEquip*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		*I_FormVal*
Buffer strip	2-3	m	*I_Buffer*
Application rate of the product	0,125	kg a.s./ha	*I_AppRate*
Concentration of active substance (in-use dilution for liquid applications)	0,416666667	g a.s./l	*d_ConcAS*
Dermal absorption of product	25,00%		*I_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*I_AbsorpInuse*
Oral absorption	100,00%		*I_AbsorpOralInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm^2	*d_DFR*
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	*I_Volat*
Concentration in air	0,001	mg/m^3	*d_AirCon*
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	*d_ReExpDur*
Exposure duration inhalation	24	hours	*d_ReExpDurInhal*
Exposure duration entry into treated crops	0,25	hours	*d_ExpDurTreatCrop*
Light clothing adjustment factor	18,0%		*d_ClothAF*
Breathing rate adult	0,23	m^3/day/kg	*d_BreathRAd*
Breathing rate child (1-3 year old)	1,07	m^3/day/kg	*d_BreathRCh*
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		*d_Turf*
Transfer coeff. of surface deposits-adult	7300	cm^2/hour	*d_ReTCAd*
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm^2/hour	*d_ReTCCh*
Saliva extraction percentage	50,00%		*d_SalExt*
Surface area of hands mouthed	20	cm^2	*d_AreaHM*
Frequency of hand to mouth activity	9,5	events/hour	*d_ReFreqHM*
Ingestion rate for mouthing of grass per day	25	cm^2	*d_MouthGrass*
Dislodgeable residues percentage transferability for object to mouth	20,00%		*d_DRP*
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm^2/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm^2/h	*d_TcEntryCh*
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm^2/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (mean) - child	1794	cm^2/h	*d_TcEntryCh*

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0492507	0,0107000	0,0155524	0,1599748	0,1767706
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0049251	0,0010700	0,0015552	0,0159975	0,0176771
% of RVNAS	3,08%	0,67%	0,97%	10,00%	11,05%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0706983	0,0138000	0,0387542	0,5332495	0,5009401
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0011783	0,0002300	0,0006459	0,0088875	0,0083490
% of RVNAS	0,74%	0,14%	0,40%	5,55%	5,22%

~~Table E8 Estimation of resident exposure towards azoxystrobine AOEM Model ORNAMENTALS~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Croptype	Ornamentals		
Application method	Downward spraying		
Application equipment	Vehicle-mounted		*i_AppEquip*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		*i_FormVal*
Buffer strip	2-3	m	*i_Buffer*
Application rate of the product	0,2	kg a.s./ha	*i_AppRate*
Concentration of active substance (in-use dilution for liquid applications)	0,666666667	g a.s./l	*d_ConcAS*
Dermal absorption of product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorpInuse*
Oral absorption	100,00%		*i_AbsorpOralInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	*i_Volat*
Concentration in air	0,001	mg/m^3	*d_AirCon*
Resident dermal spray drift exposure 75th percentile - adult	0,47	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	0,327	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00010	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00022	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	0,22318	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	0,18	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00009	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00017	ml spray dilution/person	
Exposure duration dermal	2	hours	*d_ReExpDur*
Exposure duration inhalation	24	hours	*d_ReExpDurInhal*
Exposure duration entry into treated crops	0,25	hours	*d_ExpDurTreatCrop*
Light clothing adjustment factor	18,0%		*d_ClothAF*
Breathing rate adult	0,23	m^3/day/kg	*d_BreathRAd*
Breathing rate child (1-3 year old)	1,07	m^3/day/kg	*d_BreathRCh*
Drift percentage on surface (75th percentile)	5,60%		
Drift percentage on surface (mean)	4,10%		
Turf transferable residues percentage	5,00%		*d_Turf*
Transfer coeff. of surface deposits-adult	7300	cm^2/hour	*d_ReTCAd*
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm^2/hour	*d_ReTCCh*
Saliva extraction percentage	50,00%		*d_SalExt*
Surface area of hands mouthed	20	cm^2	*d_AreaHM*
Frequency of hand to mouth activity	9,5	events/hour	*d_ReFreqHM*
Ingestion rate for mouthing of grass per day	25	cm^2	*d_MouthGrass*
Dislodgeable residues percentage transferability for object to mouth	20,00%		*d_DRP*
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm^2/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm^2/h	*d_TcEntryCh*
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm^2/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (mean) - child	1794	cm^2/h	*d_TcEntryCh*

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,0895267	0,0107000	0,0278953	0,2908633	0,3123517
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0089527	0,0010700	0,0027895	0,0290863	0,0312352
% of RVNAS	4,48%	0,54%	1,39%	14,54%	15,62%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,1285333	0,0138000	0,0704622	0,9695445	0,8995010
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0021422	0,0002300	0,0011744	0,0161591	0,0149917
% of RVNAS	1,07%	0,12%	0,59%	8,08%	7,50%

~~Table F1: Estimation of operator exposure towards difeconazole without PPE during application using AOEM Model – POME FRUIT~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*I_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	1,25	kg a.s./day	*I_AmoutAS*
Dermal absorption of the product	25,00%		*I_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*I_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Outdoor;Soluble concentrates, emulsifiable concentrate, etc.;Upward spraying;Vehicle-mounted

	Exposure values	µg exposure/day mixed and loaded		Reference	Comment
		75th centile	95th centile		
Mixing and loading	Hands	5767	21173	AOEM	
	Body	4173	76848	AOEM	
	Head	65	356	AOEM	
	Protected hands (gloves)	40	248	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	29	183	AOEM	
	Protected head (hood and face shield)	1	20	AOEM	
	Inhalation	4	29	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied		Reference	Comment
		75th centile	95th centile		
Application	Hands	3076	7796	AOEM	No data available for a drift reduction scenario
	Body	11015	64270	AOEM	
	Head	1448	8884	AOEM	
	Protected hands (gloves)	44	1149	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	144	281	AOEM	
	Inhalation	72	103	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	No			
	Clothing	Potential exposure		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	9,4141688	6,9463098	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1569028	0,1157718	
% of RVNAS	98,06%	72,36%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	60,3445974	35,9468424	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	1,0057433	0,5991140	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~**Table F2: Estimation of operator exposure towards azoxystrobine without PPE during application using AOEM Model – POME FRUIT**~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*l_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	2	kg a.s./day	*l_AmoutAS*
Dermal absorption of the product	10,00%		*l_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*l_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Mixing and loading	Hands	8281	30530	AOEM	
	Body	5807	88092	AOEM	
	Head	104	569	AOEM	
	Protected hands (gloves)	54	396	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	44	293	AOEM	
	Protected head (hood and face shield)	2	32	AOEM	
	Inhalation	5	29	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Application	Hands	4666	12474	AOEM	No data available for a drift reduction scenario
	Body	17623	102832	AOEM	
	Head	2316	14214	AOEM	
	Protected hands (gloves)	70	1839	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	230	449	AOEM	
	Inhalation	94	165	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	No			
	Clothing	Potential exposure		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	13,8207416	12,4217297	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,2303457	0,2070288	
% of RVNAS	115,17%	103,51%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	76,8738270	65,0805134	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	1,2812305	1,0846752	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table F3: Estimation of operator exposure towards difeconazole with PPE – gloves ad workwear at application using AOEM Model – POME FRUIT~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	1,25	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

	Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Mixing and loading	Hands	5767	21173	AOEM	
	Body	4173	76848	AOEM	
	Head	65	356	AOEM	
	Protected hands (gloves)	40	248	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	29	183	AOEM	
	Protected head (hood and face shield)	1	20	AOEM	
	Inhalation	4	29	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Water soluble bag	No		1	

	Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Application	Hands	3076	7796	AOEM	No data available for a drift reduction scenario
	Body	11015	64270	AOEM	
	Head	1448	8884	AOEM	
	Protected hands (gloves)	44	1149	AOEM	
	Protected body (workwear or protective garment and sturdy footwear)	144	281	AOEM	
	Inhalation	72	103	AOEM	
	Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
	Gloves	Yes		Incl. in AOEM model	
	Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
	Head and respiratory PPE	None		1	1
	Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	9,4141688	0,8292311	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1569028	0,0138205	
% of RVNAS	98,06%	8,64%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	60,3445974	4,8669782	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	1,0057433	0,0811163	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table F4: Estimation of operator exposure towards azoxystrobin with PPE – gloves ad workwear at application using AOEM Model – POME FRUIT~~

Operator exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC outdoor spray applications

Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Assumed area treated	10	ha/day	*d_AreaTreated*
Amount of active substance applied	2	kg a.s./day	*i_AmoutAS*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	50,00%		*i_AbsorInuse*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		
Indoor or Outdoor application	Outdoor		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		
Season	not relevant		

Mixing and loading

Exposure values	µg exposure/day mixed and loaded 75th centile	95th centile	Reference	Comment
Hands	8281	30530	AOEM	
Body	5807	88092	AOEM	
Head	104	569	AOEM	
Protected hands (gloves)	54	396	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	44	293	AOEM	
Protected head (hood and face shield)	2	32	AOEM	
Inhalation	5	29	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Water soluble bag	No		1	

Application

Exposure values	µg exposure/day applied 75th centile	95th centile	Reference	Comment
Hands	4666	12474	AOEM	No data available for a drift reduction scenario
Body	17623	102832	AOEM	
Head	2316	14214	AOEM	
Protected hands (gloves)	70	1839	AOEM	
Protected body (workwear or protective garment and sturdy footwear)	230	449	AOEM	
Inhalation	94	165	AOEM	
Protective Equipment	Select for inclusion		Penetration factor	Inhalation Protection factor
Gloves	Yes		Incl. in AOEM model	
Clothing	Work wear - arms, body and legs covered		Incl. in AOEM model	
Head and respiratory PPE	None		1	1
Closed cab	No		vehicle mounted upward spraying only	

1. Total

	Without RPE/PPE	With RPE/PPE	
Longer term			
Total systemic exposure from mixing, loading and application (mg a.s./day)	9,4141688	0,8292311	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	0,1569028	0,0138205	
% of RVNAS	98,06%	8,64%	
Acute			
Total systemic exposure from mixing, loading and application (mg a.s./day)	60,3445974	4,8669782	
Total systemic exposure from mixing, loading and application per kg body weight (mg/kg bw/day)	1,0057433	0,0811163	
% of RVAAS	#DZIEL/0!	#DZIEL/0!	

~~Table E5: Estimation of worker exposure towards difeconazole using AOEM Model – POME FRUIT~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Crop type	Pome fruit		
Indoor or outdoor	Outdoor		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Searching, reaching, picking		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,125	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	14	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalflifeAS*
Multiple application factor	1,7		*d_MAF*
Dermal absorption of the product	25,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	44,00%		*i_Absorpinuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	22500	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	4500	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	2250	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	51,1919482	10,2383896	5,1191948	
Total systemic exposure per kg body weight (mg/kg bw/day)	0,8531991	0,1706398	0,0853199	
% of RVNAS	533,25%	106,65%	53,32%	

~~Table E5-1: Estimation of worker exposure towards difeconazole using EUROPOEM – POME FRUIT~~

WORKER EXPOSURE			EUROPOEM II MODEL	
form	S.C		Re-entry in the field	
a.s.	difenoconazole			
Parameter		**Value**	**Unit**	**References, comments**
Re-entry activities in the field				
AR	Application rate	0.272	kg a.s./ha	summary of intended uses
Worker				
Duration				
T		8	hours / day	default: 6 h (Europoem II)
Inhalation Exposure				without PPE
	no model available	-		
Dermal Exposure				
DFR	Dislodgeable foliar residue	30	mg a.s./m2/kg a.s./ha	default (Europoem II)
TC	Transfer coefficient	0.45	m2/ hour	vegetable (field): 0.25; ornamentals: 0.5; small fruit: 0.3; large fruit: 0.45
Dermal Exposure		**29.376**	mg a.s./ day	DE = DFR x AR x TC x T
Internal exposure				
DA	Dermal Absorption	44	%	
	PPE-factor dermal	5		gloves*
	AOEL	9.6	mg a.s./ day	based on 70 kg bw
		Without PPE	**With PPE**	
	Internal exposure	[mg a.s./ day]	[mg a.s./ day]	
	Inhalation	-	-	no model available
	Dermal	12.925	2.585	DE(int) = DE x (DA/100)
	Total	**12.925**	**2.585**	**sum**
	% AOEL			
	Inhalation	-	-	no model available
	Dermal	135	27	%AOEL = 100 x DE(int) / AOEL
	Total	**135**	**27**	**sum**
*	It is assumed in the used TC values, that body exposure is already reduced by (protective) clothing. The use of gloves will result in an extra reduction factor of 5.			

~~Table E6: Estimation of worker exposure towards azoxystrobin using AOEM Model – POME FRUIT~~

Worker exposure from residues on foliage for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Crop type	Pome fruit		
Indoor or outdoor	Outdoor		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		
Worker's task	Searching, reaching, picking		
Main body parts in contact with foliage	Hand and body		
Application rate of active substance	0,2	kg a.s./ha	*i_AppRate*
Number of applications	2		*i_AppNo*
Interval between multiple applications	14	days	*i_AppInt*
Half-life of active substance	30	days	*d_HalfLifeAS*
Multiple application factor	1,7		*d_MAF*
Dermal absorption of the product	10,00%		*i_AbsorpProduct*
Dermal absorption of the in-use dilution	50,00%		*i_AbsorpInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm^2	*d_DFR*
Working hours	8	hr	*d_WorkHr*
Dermal transfer coefficient - Total potential exposure	22500	cm^2/hr	*d_DermTcUCV*
Dermal transfer coefficient - arms, body and legs covered	4500	cm^2/hr	*d_DermTcCV1*
Dermal transfer coefficient - hands, arms, body and legs covered	2250	cm^2/hr	*d_DermTcCV2*
Inhalation transfer coefficient for automated applications	NA	ha/hr*10^(-3)	*d_InhalTcAut*
Inhalation transfer coefficient for cutting ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcCut*
Inhalation transfer coefficient for sorting / bundling ornamentals	NA	ha/hr*10^(-3)	*d_InhalTcSort*

1. Total

	Potential exposure	Work wear - arms, body and legs covered	Working wear and gloves	Comments
Total systemic exposure (mg a.s./day)	93,0762694	18,6152539	9,3076269	
Total systemic exposure per kg body weight (mg/kg bw/day)	1,5512712	0,3102542	0,1551271	
% of RVNAS	775,64%	155,13%	77,56%	

~~Table E6-1: Estimation of worker exposure towards azoxystrobin using EUROPOEM – POME FRUIT~~

WORKER EXPOSURE			EUROPOEM II MODEL	
form	S.C		Re-entry in the field	
a.s.	azoxystrobin			
Parameter		**Value**	**Unit**	**References, comments**
Re-entry activities in the field				
AR	Application rate	0.34	kg a.s./ha	summary of intended uses
Worker				
Duration				
T		8	hours / day	default: 6 h (Europoem II)
Inhalation Exposure				without PPE
	no model available	-		
Dermal Exposure				
DFR	Dislodgeable foliar residue	30	mg a.s./m2/kg a.s./ha	default (Europoem II)
TC	Transfer coefficient	0.45	m2/ hour	vegetable (field): 0.25; ornamentals: 0.5; small fruit: 0.3; large fruit: 0.45
Dermal Exposure		**36.72**	mg a.s./ day	DE = DFR x AR x TC x T
Internal exposure				
DA	Dermal Absorption	50	%	
	PPE-factor dermal	5		gloves*
	AOEL	12	mg a.s./ day	based on 70 kg bw
		Without PPE	**With PPE**	
	Internal exposure	[mg a.s./ day]	[mg a.s./ day]	
	Inhalation	-	-	no model available
	Dermal	18.360	3.672	DE(int) = DE x (DA/100)
	Total	**18.360**	**3.672**	**sum**
	% AOEL			
	Inhalation	-	-	no model available
	Dermal	153	31	%AOEL = 100 x DE(int) / AOEL
	Total	**153**	**31**	**sum**
*	It is assumed in the used TC values, that body exposure is already reduced by (protective) clothing. The use of gloves will result in an extra reduction factor of 5.			

~~Table E7 Estimation of resident exposure towards difeconazole AOEM Model- POME FRUIT~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC			
Croptype	Pome fruit		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		*i_AppEquip*
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		*i_FormVal*
Buffer strip	5	m	*i_Buffer*
Application rate of the product	0,125	kg a.s./ha	*i_AppRate*
Concentration of active substance (in-use dilution for liquid applications)	0,416666667	g a.s./l	*d_ConcAS*
Dermal absorption of product	25,00%		*i_AbsorpProduct*
Dermal absorption of in-use dilution	44,00%		*i_AbsorpInuse*
Oral absorption	100,00%		*i_AbsorpOralInuse*
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,375	µg a.s./cm²	*d_DFR*
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	*i_Volat*
Concentration in air	0,001	mg/m³	*d_AirCon*
Resident dermal spray drift exposure 75th percentile - adult	5,63	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	1,689	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00210	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00164	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	3,68	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	1,11	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00170	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00133	ml spray dilution/person	
Exposure duration dermal	2	hours	*d_ReExpDur*
Exposure duration inhalation	24	hours	*d_ReExpDurInhal*
Exposure duration entry into treated crops	0,25	hours	*d_ExpDurTreatCrop*
Light clothing adjustment factor	18,0%		*d_ClothAF*
Breathing rate adult	0,23	m³/day/kg	*d_BreathRAd*
Breathing rate child (1-3 year old)	1,07	m³/day/kg	*d_BreathRCh*
Drift percentage on surface (75th percentile)	15,79%		
Drift percentage on surface (mean)	11,69%		
Turf transferable residues percentage	5,00%		*d_Turf*
Transfer coeff. of surface deposits-adult	7300	cm²/hour	*d_ReTCAd*
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	*d_ReTCCh*
Saliva extraction percentage	50,00%		*d_SalExt*
Surface area of hands mouthed	20	cm²	*d_AreaHM*
Frequency of hand to mouth activity	9,5	events/hour	*d_ReFreqHM*
Ingestion rate for mouthing of grass per day	25	cm²	*d_MouthGrass*
Dislodgeable residues percentage transferability for object to mouth	20,00%		*d_DRP*
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	*d_TcEntryCh*
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	*d_TcEntryAd*
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	*d_TcEntryCh*

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,2545978	0,0107000	0,0438521	0,1599748	0,3381432
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0254598	0,0010700	0,0043852	0,0159975	0,0338143
% of RVNAS	15,91%	0,67%	2,74%	10,00%	21,13%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,8472517	0,0138000	0,1092730	0,5332495	1,0738120
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0141209	0,0002300	0,0018212	0,0088875	0,0178969
% of RVNAS	8,83%	0,14%	1,14%	5,55%	11,19%

~~Table E8 Estimation of resident exposure towards azoxystrobine AOEM Model- POME FRUIT~~

Resident exposure for CHR/F/SCORPIO 325 SC/ Clapton 325 SC, Scarp 325 SC

Croptype	Pome fruit		
Application method	Upward spraying		
Application equipment	Vehicle-mounted		i_AppEquip
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.		i_FormVal
Buffer strip	5	m	i_Buffer
Application rate of the product	0,2	kg a.s./ha	i_AppRate
Concentration of active substance (in-use dilution for liquid applications)	0,666666667	g a.s./l	d_ConcAS
Dermal absorption of product	10,00%		i_AbsorpProduct
Dermal absorption of in-use dilution	50,00%		i_AbsorpInuse
Oral absorption	100,00%		i_AbsorpOralInuse
Dislodgeable foliar residue (i_AppRate*i_DFR)	0,6	µg a.s./cm²	d_DFR
Vapour pressure of in-use dilution	low volatile substances having a vapour pressure of <5*10-3Pa	Pa	i_Volat
Concentration in air	0,001	mg/m³	d_AirCon
Resident dermal spray drift exposure 75th percentile - adult	5,63	ml spray dilution/person	
Resident dermal spray drift exposure 75th percentile - child	1,689	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - adult	0,00210	ml spray dilution/person	
Resident inhal. spray drift exposure 75th percentile - child	0,00164	ml spray dilution/person	
Resident dermal spray drift exposure mean - adult	3,68	ml spray dilution/person	
Resident dermal spray drift exposure mean - child	1,11	ml spray dilution/person	
Resident inhal. spray drift exposure mean - adult	0,00170	ml spray dilution/person	
Resident inhal. spray drift exposure mean - child	0,00133	ml spray dilution/person	
Exposure duration dermal	2	hours	d_ReExpDur
Exposure duration inhalation	24	hours	d_ReExpDurInhal
Exposure duration entry into treated crops	0,25	hours	d_ExpDurTreatCrop
Light clothing adjustment factor	18,0%		d_ClothAF
Breathing rate adult	0,23	m³/day/kg	d_BreathRAd
Breathing rate child (1-3 year old)	1,07	m³/day/kg	d_BreathRCh
Drift percentage on surface (75th percentile)	15,79%		
Drift percentage on surface (mean)	11,69%		
Turf transferable residues percentage	5,00%		d_Turf
Transfer coeff. of surface deposits-adult	7300	cm²/hour	d_ReTCAd
Transfer coeff. of surface deposits-child (1-3 year old)	2600	cm²/hour	d_ReTCCh
Saliva extraction percentage	50,00%		d_SalExt
Surface area of hands mouthed	20	cm²	d_AreaHM
Frequency of hand to mouth activity	9,5	events/hour	d_ReFreqHM
Ingestion rate for mouthing of grass per day	25	cm²	d_MouthGrass
Dislodgeable residues percentage transferability for object to mouth	20,00%		d_DRP
Transfer coefficient for entry into treated crops (75th percentile) - adult	7500	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (75th percentile) - child	2250	cm²/h	d_TcEntryCh
Transfer coefficient for entry into treated crops (mean) - adult	5980	cm²/h	d_TcEntryAd
Transfer coefficient for entry into treated crops (mean) - child	1794	cm²/h	d_TcEntryCh

1. Total

1.1 1-3 year old child

	Spray drift (75th percentile)	Vapour (75th percentile)	Surface deposits (75th percentile)	Entry into treated crops (75th percentile)	All pathways (mean)
Total systemic exposure (mg a.s./day)	0,4627557	0,0107000	0,0786548	0,2908633	0,6051334
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0462756	0,0010700	0,0078655	0,0290863	0,0605133
% of RVNAS	23,14%	0,54%	3,93%	14,54%	30,26%

1.2 Adult

	Spray drift	Vapour	Surface deposits	Entry into treated crops	All pathways (mean)
Total systemic exposure (mg a.s./day)	1,5402667	0,0138000	0,1986782	0,9695445	1,9409399
Total systemic exposure per kg body weight (mg/kg bw/day)	0,0256711	0,0002300	0,0033113	0,0161591	0,0323490
% of RVNAS	12,84%	0,12%	1,66%	8,08%	16,17%

A 4.1 Calculations – OPEX version: 1.0.1

Information on product and active substance(s)

Product name	CHR/F/SCORPIO 325 SC; Clapton 325 SC, Scarp 325 SC
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.
Product category	Other
Name of active substance	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200
AOEL [mg/kg bw/day]	0.2
AAOEL [mg/kg bw]	
Inhalation absorption [%]	100
Oral absorption [%]	100
Dermal absorption [%] (concentrate)	10
Name of active substance	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125
AOEL [mg/kg bw/day]	0.16
AAOEL [mg/kg bw]	
Inhalation absorption [%]	100
Oral absorption [%]	100
Dermal absorption [%] (concentrate)	10

Assessed uses

Crops	Max. application rate of the product [l or kg/ha]	Unit	Max. no. of applications	Interval between multiple applications [days]	Min. volume water [l/ha]	Max. volume water [l/ha]	Indoor/ outdoor	Application method	Type of cultivation	Application technique	Buffer strip [m]
Field crops	1.0	l/ha	2	90	200	400	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low vegetables	1.0	l/ha	2	90	200	400	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low vegetables	1.0	l/ha	2	90	200	400	Outdoor	Downward spraying	Normal	Manual-hand held	2-3
Low vegetables	1.0	l/ha	2	90	200	400	Outdoor	Downward spraying	Normal	Manual-knapsack	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Manual-hand held	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Manual-knapsack	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Manual-hand held	2-3

Crops	Max. application rate of the product [l or kg/ha]	Unit	Max. no. of applications	Interval between multiple applications [days]	Min. volume water [l/ha]	Max. volume water [l/ha]	Indoor/ outdoor	Application method	Type of cultivation	Application technique	Buffer strip [m]
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Manual-knapsack	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Manual-hand held	2-3
Low vegetables	1.0	l/ha	1	7	200	400	Outdoor	Downward spraying	Normal	Manual-knapsack	2-3
Low ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Downward spraying	Normal	Manual-hand held	2-3
Low ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Downward spraying	Normal	Manual-knapsack	2-3
Low ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Downward spraying	Normal	Manual-hand held	2-3

Crops	Max. application rate of the product [l or kg/ha]	Unit	Max. no. of applications	Interval between multiple applications [days]	Min. volume water [l/ha]	Max. volume water [l/ha]	Indoor/ outdoor	Application method	Type of cultivation	Application technique	Buffer strip [m]
Low ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Downward spraying	Normal	Manual-knapsack	2-3
High ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Vehicle-mounted	5
High ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-hand held	5
High ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-knapsack	5
High ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Vehicle-mounted	5
High ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-hand held	5
High ornamentals	1.0	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-knapsack	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Vehicle-mounted	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-hand held	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-knapsack	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Vehicle-mounted	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-hand held	5

Crops	Max. application rate of the product [l or kg/ha]	Unit	Max. no. of applications	Interval between multiple applications [days]	Min. volume water [l/ha]	Max. volume water [l/ha]	Indoor/ outdoor	Application method	Type of cultivation	Application technique	Buffer strip [m]
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-knapsack	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Vehicle-mounted	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-hand held	5
Orchards	0.8	l/ha	2	14	300	1200	Outdoor	Upward spraying	Normal	Manual-knapsack	5
Low vegetables	1.0	l/ha	2	90	200	400	Outdoor	Downward spraying	Normal	Vehicle-mounted	2-3
Low vegetables	1.0	l/ha	2	90	200	400	Outdoor	Downward spraying	Normal	Manual-hand held	2-3
Low vegetables	1.0	l/ha	2	90	200	400	Outdoor	Downward spraying	Normal	Manual-knapsack	2-3

~~**Operator**~~

Use 1 : Field crops

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)	Difenoconazole (% AOEL)	Combined (hazard index)
		Normal & vehicle-mounted		
		56.6	49.3	1.06
		36.8	32.4	0.692

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)	Difenoconazole (% AOEL)	Combined (hazard index)
		Normal & vehicle-mounted		
				0
				0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Field crops/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Field crops/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 2 : Low vegetables

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**56.6**	385	386	**49.3**	422	426	1.06	8.08	8.12
		36.8	**49.8**	**52**	32.4	**53.7**	**58.5**	**0.692**	1.04	1.11
		7.4	43.9	44.1	5.2	48.3	48.6	0.126	**0.923**	**0.928**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	49.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	53.7
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	52
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	58.5
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 3 : Low vegetables

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**56.6**	385	386	**49.3**	422	426	1.06	8.08	8.12
		36.8	**49.8**	**52**	32.4	**53.7**	**58.5**	**0.692**	1.04	1.11
		7.4	43.9	44.1	5.2	48.3	48.6	0.126	**0.923**	**0.928**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, downward spraying, manual hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	49.8
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	53.7
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	52
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	58.5
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 4 : Low vegetables

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**56.6**	385	386	**49.3**	422	426	1.06	8.08	8.12
		36.8	**49.8**	**52**	32.4	**53.7**	**58.5**	**0.692**	1.04	1.11
		7.4	43.9	44.1	5.2	48.3	48.6	0.126	**0.923**	**0.928**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	49.8
Difenoconazole	Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	53.7
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	52
Difenoconazole	Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	58.5
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 5 : Low vegetables

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**56.6**	385	386	**49.3**	422	426	1.06	8.08	8.12
		36.8	**49.8**	**52**	32.4	**53.7**	**58.5**	**0.692**	1.04	1.11
		7.4	43.9	44.1	5.2	48.3	48.6	0.126	**0.923**	**0.928**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	49.8
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	53.7
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	52
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	58.5
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 6 : Low ornamentals

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**56.6**	385	386	**49.3**	422	426	1.06	8.08	8.12
		36.8	**49.8**	**52**	32.4	**53.7**	**58.5**	**0.692**	1.04	1.11
		7.4	43.9	44.1	5.2	48.3	48.6	0.126	**0.923**	**0.928**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low ornamentals/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4

Combined exposure		Hazard index
	M/L: Workwear App: Workwear	0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low ornamentals/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low ornamentals/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	49.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	53.7
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low ornamentals/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low ornamentals/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	52
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	58.5

Combined exposure		Hazard index
	M/L: Workwear + Protected hands App: Workwear	0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low ornamentals/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 7 : Low ornamentals

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**56.6**	385	386	**49.3**	422	426	1.06	8.08	8.12
		36.8	**49.8**	**52**	32.4	**53.7**	**58.5**	**0.692**	1.04	1.11
		7.4	43.9	44.1	5.2	48.3	48.6	0.126	**0.923**	**0.928**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low ornamentals/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4

Combined exposure		Hazard index
	M/L: Workwear App: Workwear	0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low ornamentals/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low ornamentals/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	49.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	53.7

Combined exposure		Hazard index
	M/L: Workwear + Protected hands App: Workwear	0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low ornamentals/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low ornamentals/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	52
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	58.5
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low ornamentals/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 8 : High ornamentals

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		120	267	211	**86.8**	269	216	2.07	5.35	4.27
		**41.5**	**20.7**	**16**	32	**18.1**	**17.6**	**0.735**	**0.388**	**0.336**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
High ornamentals/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.08	41.5
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32

Combined exposure		Hazard index
	M/L: Workwear App: Workwear	0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
High ornamentals/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
High ornamentals/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.04	20.7
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	18.1
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.4

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
High ornamentals/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
High ornamentals/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.03	16
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	17.6
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
High ornamentals/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 9 : High ornamentals

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		120	267	211	**86.8**	269	216	2.07	5.35	4.27
		**41.5**	**20.7**	**16**	32	**18.1**	**17.6**	**0.735**	**0.388**	**0.336**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
High ornamentals/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.08	41.5
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32

Combined exposure		Hazard index
	M/L: Workwear App: Workwear	0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
High ornamentals/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
High ornamentals/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.04	20.7
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	18.1
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.4

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
High ornamentals/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
High ornamentals/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.03	16
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	17.6
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
High ornamentals/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 10 : Orchards

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**97.2**	255	203	**70.6**	257	209	1.68	5.13	4.12
		34.3	**18.2**	**15.4**	26.6	**16.1**	**17.2**	**0.609**	**0.343**	**0.326**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	34.3
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.04	26.6
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.6

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.04	18.2
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	16.1

Combined exposure	Hazard index
M/L: Workwear App: Workwear	0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.03	15.4
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	17.2
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 11 : Orchards

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**97.2**	255	203	**70.6**	257	209	1.68	5.13	4.12
		34.3	**18.2**	**15.4**	26.6	**16.1**	**17.2**	**0.609**	**0.343**	**0.326**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	34.3
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.04	26.6
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.6

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.04	18.2
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	16.1

Combined exposure	Hazard index
M/L: Workwear App: Workwear	0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.03	15.4
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	17.2
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 12 : Orchards

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**97.2**	255	203	**70.6**	257	209	1.68	5.13	4.12
		34.3	**18.2**	**15.4**	26.6	**16.1**	**17.2**	**0.609**	**0.343**	**0.326**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	34.3
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.04	26.6
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.6

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.04	18.2
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	16.1

Combined exposure	Hazard index
M/L: Workwear App: Workwear	0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Orchards/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.03	15.4
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.03	17.2
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0.3

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Orchards/Outdoor/Upward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Closed cabin + workwear		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Use 13 : Low vegetables

Short term exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
		**56.6**	385	386	**49.3**	422	426	1.06	8.08	8.12
		36.8	**49.8**	**52**	32.4	**53.7**	**58.5**	**0.692**	1.04	1.11
		7.4	43.9	44.1	5.2	48.3	48.6	0.126	**0.923**	**0.928**

Acute exposure

Mixing/loading	Application	Azoxystrobin (% AOEL)			Difenoconazole (% AOEL)			Combined (hazard index)		
		Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack	Normal & vehicle-mounted	Normal & manual-hand held	Normal & manual-knapsack
								**0**	**0**	**0**
								0	0	0

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.07	36.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.05	32.4

Combined exposure		Hazard index
	M/L: Workwear App: Workwear	0.7

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Vehicle-mounted/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	49.8
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	53.7
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-hand held/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Summary data - Short term exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/75th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear App: Workwear	0.1	52
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear App: Workwear	0.09	58.5
Combined exposure			Hazard index
	M/L: Workwear + Protected hands App: Workwear		0.9

Summary data - Acute exposure

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Low vegetables/Outdoor/Downward spraying/Manual-knapsack/Drift reduction: 0 %/95th percentile Crop density: Normal			
Azoxystrobin	Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 50 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption (concentrate): 10 % Dermal absorption (in-use dilution): 44 %		
	M/L: Workwear + Protected hands + FP2, P2 and similar App: Workwear + Protected hands + FP2, P2 and similar		No results!

Model data	Level of PPE	Total absorbed dose [mg/kg bw]	% of systemic AAOEL
Combined exposure			Hazard index
	M/L: Workwear App: Workwear		0

Worker

Use 1 : Field crops

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
			Inspection, irrigation / Outdoor Work rate: 2 hours/day Interval: 90 days Body weight: 60 kg TC (potential): 12500 cm²/h TC (workwear (arms, body and legs covered)): 1400 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1250 cm²/h TC (gloves): NA cm²/h
Azoxystrobin			Number of applications & application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential	0.1	70	0
Workwear	0.02	7.8	0
Workwear and gloves	0.01	7	0
Hands covered, no workwear			
Difenoconazole			Number of applications & application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential	0.08	48.1	0
Workwear	0.009	5.4	0
Workwear and gloves	0.008	4.8	0
Hands covered, no workwear			
Combined		Hazard index	
potential		1.2	8
Workwear		0.1	0
Workwear and gloves		0.1	0
Hands covered, no workwear			0

Use 2 : Low vegetables

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
		Inspection, irrigation (All) / Outdoor Work rate: 2 hours/day Interval: 90 days Body weight: 60 kg TC (potential): 12500 cm²/h TC (workwear (arms, body and legs covered)): 1400 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1250 cm²/h TC (gloves): NA cm²/h	
Azoxystrobin		Number of applications & application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.1	70	0
Workwear	0.02	7.8	0
Workwear and gloves	0.01	7	0
Hands covered, no workwear			
Difenoconazole		Number of applications & application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.08	48.1	0
Workwear	0.009	5.4	0
Workwear and gloves	0.008	4.8	0
Hands covered, no workwear			
Combined		Hazard index	
potential		1.2	8
Workwear		0.1	0
Workwear and gloves		0.1	0
Hands covered, no workwear			0

Use 3 : Low vegetables

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
		Maintenance (Brassica only) / Outdoor Work rate: 8 hours/day Interval: 7 days Body weight: 60 kg TC (potential): NA cm²/h TC (workwear (arms, body and legs covered)): 5000 cm²/h TC (workwear (arms, body and legs covered) and gloves): NA cm²/h TC (gloves): NA cm²/h	
Azoxystrobin	Number of applications & application rate: 1 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Potential			
Workwear	0.2	100	0
Workwear and gloves			
Hands covered, no workwear			
Difenoconazole	Number of applications & application rate: 1 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Potential			
Workwear	0.1	68.8	0
Workwear and gloves			
Hands covered, no workwear			
Combined		Hazard index	
potential			0
Workwear		1.7	23
Workwear and gloves			0
Hands covered, no workwear			0

Use 4 : Low vegetables

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
			Harvest (Brassica only) / Outdoor Work rate: 8 hours/day Interval: 7 days Body weight: 60 kg TC (potential): NA cm²/h TC (workwear (arms, body and legs covered)): 5000 cm²/h TC (workwear (arms, body and legs covered) and gloves): NA cm²/h TC (gloves): NA cm²/h
Azoxystrobin			Number of applications & application rate: 1 x 0.12 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential			
Workwear	0.1	60	0
Workwear and gloves			
Hands covered, no workwear			
Difenoconazole			Number of applications & application rate: 1 x 0.075 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential			
Workwear	0.07	41.3	0
Workwear and gloves			
Hands covered, no workwear			
Combined		Hazard index	
potential			0
Workwear		1	1
Workwear and gloves			0
Hands covered, no workwear			0

Use 5 : Low vegetables

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
		removing bolting sugar beets / Outdoor Work rate: 8 hours/day Interval: 7 days Body weight: 60 kg TC (potential): 18600 cm²/h TC (workwear (arms, body and legs covered)): 4400 cm²/h TC (workwear (arms, body and legs covered) and gloves): 430 cm²/h TC (gloves): 14300 cm²/h	
Azoxystrobin		Number of applications & application rate: 1 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.7	372	57
Workwear	0.2	88	0
Workwear and gloves	0.02	8.6	0
Hands covered, no workwear	0.6	286	46
Difenoconazole		Number of applications & application rate: 1 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.4	256	41
Workwear	0.1	60.5	0
Workwear and gloves	0.009	5.9	0
Hands covered, no workwear	0.3	197	30
Combined		Hazard index	
potential		6.3	80
Workwear		1.5	18
Workwear and gloves		0.1	0
Hands covered, no workwear		4.8	69

Use 6 : Low ornamentals

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
		Cutting, sorting, bundling, carrying / Outdoor Work rate: 8 hours/day Interval: 14 days Body weight: 60 kg TC (potential): 14000 cm²/h TC (workwear (arms, body and legs covered)): 5000 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1400 cm²/h TC (gloves): NA cm²/h	
Azoxystrobin		Number of applications & application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	1	482	69
Workwear	0.3	172	24
Workwear and gloves	0.1	48.2	0
Hands covered, no workwear			
Difenoconazole		Number of applications & application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.5	331	52
Workwear	0.2	118	8
Workwear and gloves	0.05	33.1	0
Hands covered, no workwear			
Combined		Hazard index	
potential		8.1	91
Workwear		2.9	47
Workwear and gloves		0.8	0
Hands covered, no workwear			0

Use 7 : Low ornamentals

Scenario 1 : Outdoor, normal

	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
				Inspection, irrigation / Outdoor Work rate: 2 hours/day Interval: 14 days Body weight: 60 kg TC (potential): 12500 cm²/h TC (workwear (arms, body and legs covered)): 1400 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1250 cm²/h TC (gloves): NA cm²/h
	Azoxystrobin			Number of applications & application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
	Potential	0.2	108	4
	Workwear	0.02	12	0
	Workwear and gloves	0.02	10.8	0
	Hands covered, no workwear			
	Difenoconazole			Number of applications & application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
	Potential	0.1	73.9	0
	Workwear	0.01	8.3	0
	Workwear and gloves	0.01	7.4	0
	Hands covered, no workwear			
	Combined		Hazard index	
	potential		1.8	26
	Workwear		0.2	0
	Workwear and gloves		0.2	0
	Hands covered, no workwear			0

Use 8 : High ornamentals

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
		Cutting, sorting, bundling, carrying / Outdoor Work rate: 8 hours/day Interval: 14 days Body weight: 60 kg TC (potential): 14000 cm²/h TC (workwear (arms, body and legs covered)): 5000 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1400 cm²/h TC (gloves): NA cm²/h	
Azoxystrobin		Number of applications & application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	1	482	69
Workwear	0.3	172	24
Workwear and gloves	0.1	48.2	0
Hands covered, no workwear			
Difenoconazole		Number of applications & application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.5	331	52
Workwear	0.2	118	8
Workwear and gloves	0.05	33.1	0
Hands covered, no workwear			
Combined		Hazard index	
potential		8.1	91
Workwear		2.9	47
Workwear and gloves		0.8	0
Hands covered, no workwear			0

Use 9 : High ornamentals

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
			Inspection, irrigation / Outdoor Work rate: 2 hours/day Interval: 14 days Body weight: 60 kg TC (potential): 12500 cm²/h TC (workwear (arms, body and legs covered)): 1400 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1250 cm²/h TC (gloves): NA cm²/h
Azoxystrobin			Number of applications & application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential	0.2	108	4
Workwear	0.02	12	0
Workwear and gloves	0.02	10.8	0
Hands covered, no workwear			
Difenoconazole			Number of applications & application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential	0.1	73.9	0
Workwear	0.01	8.3	0
Workwear and gloves	0.01	7.4	0
Hands covered, no workwear			
Combined		Hazard index	
potential		1.8	26
Workwear		0.2	0
Workwear and gloves		0.2	0
Hands covered, no workwear			0

Use 10 : Orchards

Scenario 1 : Outdoor, normal

	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
				Maintenance/thinning / Outdoor Work rate: 8 hours/day Interval: 14 days Body weight: 60 kg TC (potential): 22500 cm²/h TC (workwear (arms, body and legs covered)): 4500 cm²/h TC (workwear (arms, body and legs covered) and gloves): 2250 cm²/h TC (gloves): NA cm²/h
	Azoxystrobin			Number of applications & application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
	Potential	1.2	619	79
	Workwear	0.2	124	10
	Workwear and gloves	0.1	61.9	0
	Hands covered, no workwear			
	Difenoconazole			Number of applications & application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
	Potential	0.7	426	63
	Workwear	0.1	85.1	0
	Workwear and gloves	0.07	42.6	0
	Hands covered, no workwear			
	Combined		Hazard index	
	potential		10.4	102
	Workwear		2.1	32
	Workwear and gloves		1	2
	Hands covered, no workwear			0

Use 11 : Orchards

Scenario 1 : Outdoor, normal

Level of PPE	**Total absorbed dose [mg/kg bw per day]**	**% of systemic AOEL**	**Re-entry restriction [days]**
			Inspection, irrigation / Outdoor Work rate: 2 hours/day Interval: 14 days Body weight: 60 kg TC (potential): 12500 cm²/h TC (workwear (arms, body and legs covered)): 1400 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1250 cm²/h TC (gloves): NA cm²/h
Azoxystrobin			Number of applications & application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential	0.2	86	0
Workwear	0.02	9.6	0
Workwear and gloves	0.02	8.6	0
Hands covered, no workwear			
Difenoconazole			Number of applications & application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Potential	0.09	59.1	0
Workwear	0.01	6.6	0
Workwear and gloves	0.009	5.9	0
Hands covered, no workwear			
Combined		Hazard index	
potential		1.5	17
Workwear		0.2	0
Workwear and gloves		0.1	0
Hands covered, no workwear			0

Use 12 : Orchards

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
		Searching, reaching, picking / Outdoor Work rate: 8 hours/day Interval: 14 days Body weight: 60 kg TC (potential): 12500 cm²/h TC (workwear (arms, body and legs covered)): 3500 cm²/h TC (workwear (arms, body and legs covered) and gloves): 1250 cm²/h TC (gloves): NA cm²/h	
Azoxystrobin		Number of applications & application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.7	344	54
Workwear	0.2	96.3	0
Workwear and gloves	0.07	34.4	0
Hands covered, no workwear			
Difenoconazole		Number of applications & application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.4	237	38
Workwear	0.1	66.2	0
Workwear and gloves	0.04	23.7	0
Hands covered, no workwear			
Combined		Hazard index	
potential		5.8	77
Workwear		1.6	22
Workwear and gloves		0.6	0
Hands covered, no workwear			0

Use 13 : Low vegetables

Scenario 1 : Outdoor, normal

Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL	Re-entry restriction [days]
		Reaching, picking (all except Brassica) / Outdoor Work rate: 8 hours/day Interval: 90 days Body weight: 60 kg TC (potential): 5800 cm²/h TC (workwear (arms, body and legs covered)): 2500 cm²/h TC (workwear (arms, body and legs covered) and gloves): 580 cm²/h TC (gloves): NA cm²/h	
Azoxystrobin		Number of applications & application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.3	130	12
Workwear	0.1	56	0
Workwear and gloves	0.03	13	0
Hands covered, no workwear			
Difenoconazole		Number of applications & application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Potential	0.1	89.3	0
Workwear	0.06	38.5	0
Workwear and gloves	0.01	8.9	0
Hands covered, no workwear			
Combined		Hazard index	
potential		2.2	34
Workwear		0.9	0
Workwear and gloves		0.2	0
Hands covered, no workwear			0

Resident

Use 1 : Field crops

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 90 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.01	6.8
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	0.9
	Re-entry (75th perc.)	0.02	9.5
	Sum (mean)	0.02	12.3
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.003	1.6
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0008	0.4
	Re-entry (75th perc.)	0.01	5.3
	Sum (mean)	0.01	5.4
Difenoconazole			Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.007	4.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.001	0.6
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.01	8.7
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0004	0.3
	Re-entry (75th perc.)	0.006	3.6
	Sum (mean)	0.006	3.8
Combined exposure			Hazard index
	Drift (75th perc.)		0.1

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Resident child Body weight: 10 kg	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.2
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.03
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.006
	Re-entry (75th perc.)		0.09
	Sum (mean)		0.09

Use 2 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 90 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.01	6.8
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	0.9
	Re-entry (75th perc.)	0.02	9.5
	Sum (mean)	0.02	12.3
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.003	1.6
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0008	0.4
	Re-entry (75th perc.)	0.01	5.3
	Sum (mean)	0.01	5.4
Difenoconazole			Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
	Drift (75th perc.)	0.007	4.7

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Resident child Body weight: 10 kg	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.001	0.6
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.01	8.7
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0004	0.3
	Re-entry (75th perc.)	0.006	3.6
	Sum (mean)	0.006	3.8
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.1
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.2
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.03
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.006
	Re-entry (75th perc.)		0.09
	Sum (mean)		0.09

Use 3 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 7 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.01	6.8
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	0.8

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Re-entry (75th perc.)	0.02	8.4
	Sum (mean)	0.02	11.4
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.003	1.6
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0007	0.3
	Re-entry (75th perc.)	0.009	4.7
	Sum (mean)	0.01	4.9
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Resident child Body weight: 10 kg	Drift (75th perc.)	0.007	4.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.0009	0.6
	Re-entry (75th perc.)	0.009	5.8
	Sum (mean)	0.01	8.1
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0004	0.2
	Re-entry (75th perc.)	0.005	3.2
	Sum (mean)	0.005	3.4
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.1
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.01
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.2
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.03
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.006
	Re-entry (75th perc.)		0.08
	Sum (mean)		0.08

Use 4 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 7 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.008	4.1
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.001	0.5
	Re-entry (75th perc.)	0.01	5.1
	Sum (mean)	0.01	7
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0004	0.2
	Re-entry (75th perc.)	0.006	2.8
	Sum (mean)	0.006	3
Difenoconazole			Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.004	2.8
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.0005	0.3
	Re-entry (75th perc.)	0.006	3.5
	Sum (mean)	0.008	5
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.001	0.7
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0002	0.1
	Re-entry (75th perc.)	0.003	1.9
	Sum (mean)	0.003	2.1
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.07
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.008

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Re-entry (75th perc.)		0.09
	Sum (mean)		0.1
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.02
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.003
	Re-entry (75th perc.)		0.05
	Sum (mean)		0.05

Use 5 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 7 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.01	6.8
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	0.8
	Re-entry (75th perc.)	0.02	8.4
	Sum (mean)	0.02	11.4
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.003	1.6
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0007	0.3
	Re-entry (75th perc.)	0.009	4.7
	Sum (mean)	0.01	4.9
Difenoconazole			Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.007	4.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.0009	0.6

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Re-entry (75th perc.)	0.009	5.8
	Sum (mean)	0.01	8.1
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0004	0.2
	Re-entry (75th perc.)	0.005	3.2
	Sum (mean)	0.005	3.4
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.1
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.01
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.2
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.03
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.006
	Re-entry (75th perc.)		0.08
	Sum (mean)		0.08

Use 6 : Low ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.009	4.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.003	1.4
	Re-entry (75th perc.)	0.03	14.5
	Sum (mean)	0.03	15.5

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1.1
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.001	0.6
	Re-entry (75th perc.)	0.02	8.1
	Sum (mean)	0.01	7.5
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Resident child Body weight: 10 kg	Drift (75th perc.)	0.005	3.1
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.002	1
	Re-entry (75th perc.)	0.02	10
	Sum (mean)	0.02	10.9
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.001	0.7
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0006	0.4
	Re-entry (75th perc.)	0.009	5.5
	Sum (mean)	0.008	5.2
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.08
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.3
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.02
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.01
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.1

Use 7 : Low ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
		Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l	
Azoxystrobin		Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Resident child Body weight: 10 kg	Drift (75th perc.)	0.009	4.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.003	1.4
	Re-entry (75th perc.)	0.03	14.5
	Sum (mean)	0.03	15.5
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1.1
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.001	0.6
	Re-entry (75th perc.)	0.02	8.1
	Sum (mean)	0.01	7.5
Difenoconazole		Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Resident child Body weight: 10 kg	Drift (75th perc.)	0.005	3.1
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.002	1
	Re-entry (75th perc.)	0.02	10
	Sum (mean)	0.02	10.9
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.001	0.7
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0006	0.4
	Re-entry (75th perc.)	0.009	5.5
	Sum (mean)	0.008	5.2
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.08
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.3
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.02
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.01
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.1

Use 8 : High ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.05	23.1
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	0.8
	Re-entry (75th perc.)	0.03	14.5
	Sum (mean)	0.06	27.7
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.03	12.8
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0006	0.3
	Re-entry (75th perc.)	0.02	8.1
	Sum (mean)	0.03	15.2
Difenoconazole			Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.03	15.9
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.0009	0.5

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Re-entry (75th perc.)	0.02	10
	Sum (mean)	0.03	19.3
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	8.8
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0004	0.2
	Re-entry (75th perc.)	0.009	5.5
	Sum (mean)	0.02	10.5
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.4
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.01
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.5
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.005
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.3

Use 9 : High ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.05	23.1
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	0.8
	Re-entry (75th perc.)	0.03	14.5
	Sum (mean)	0.06	27.7

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.03	12.8
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0006	0.3
	Re-entry (75th perc.)	0.02	8.1
	Sum (mean)	0.03	15.2
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Resident child Body weight: 10 kg	Drift (75th perc.)	0.03	15.9
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.0009	0.5
	Re-entry (75th perc.)	0.02	10
	Sum (mean)	0.03	19.3
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	8.8
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0004	0.2
	Re-entry (75th perc.)	0.009	5.5
	Sum (mean)	0.02	10.5
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.4
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.01
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.5
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.005
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.3

Use 10 : Orchards

Scenario 1 : Outdoor, early season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Early season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.04	18.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.006	3.1
	Re-entry (75th perc.)	0.02	11.6
	Sum (mean)	0.05	24.1
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.02	10.3
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.003	1.3
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.03	13
Difenoconazole			Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.02	12.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.004	2.2
	Re-entry (75th perc.)	0.01	8
	Sum (mean)	0.03	16.8
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	7.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.001	0.9
	Re-entry (75th perc.)	0.007	4.4
	Sum (mean)	0.01	9
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.3
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.05

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.4
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.2

Scenario 2 : Outdoor, late season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Late season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.04	18.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	1.2
	Re-entry (75th perc.)	0.02	11.6
	Sum (mean)	0.05	22.6
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.02	10.3
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.001	0.5
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.02	12.3
Difenoconazole			Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.02	12.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.001	0.8
	Re-entry (75th perc.)	0.01	8
	Sum (mean)	0.03	15.7

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	7.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0006	0.3
	Re-entry (75th perc.)	0.007	4.4
	Sum (mean)	0.01	8.5
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.3
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.4
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.009
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.2

Use 11 : Orchards

Scenario 1 : Outdoor, early season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Early season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.04	18.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.006	3.1
	Re-entry (75th perc.)	0.02	11.6
	Sum (mean)	0.05	24.1
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.02	10.3
	Vapour (75th perc.)	0.0003	0.1

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Deposits (75th perc.)	0.003	1.3
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.03	13
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Resident child Body weight: 10 kg	Drift (75th perc.)	0.02	12.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.004	2.2
	Re-entry (75th perc.)	0.01	8
	Sum (mean)	0.03	16.8
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	7.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.001	0.9
	Re-entry (75th perc.)	0.007	4.4
	Sum (mean)	0.01	9
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.3
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.05
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.4
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.2

Scenario 2 : Outdoor, late season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Late season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Resident child Body weight: 10 kg	Drift (75th perc.)	0.04	18.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	1.2
	Re-entry (75th perc.)	0.02	11.6
	Sum (mean)	0.05	22.6
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.02	10.3
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.001	0.5
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.02	12.3
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Resident child Body weight: 10 kg	Drift (75th perc.)	0.02	12.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.001	0.8
	Re-entry (75th perc.)	0.01	8
	Sum (mean)	0.03	15.7
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	7.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0006	0.3
	Re-entry (75th perc.)	0.007	4.4
	Sum (mean)	0.01	8.5
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.3
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.4
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.009
	Re-entry (75th perc.)		0.1

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Sum (mean)		0.2

Use 12 : Orchards

Scenario 1 : Outdoor, early season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
		Season: Early season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l	
Azoxystrobin		Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Resident child Body weight: 10 kg	Drift (75th perc.)	0.04	18.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.006	3.1
	Re-entry (75th perc.)	0.02	11.6
	Sum (mean)	0.05	24.1
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.02	10.3
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.003	1.3
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.03	13
Difenoconazole		Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Resident child Body weight: 10 kg	Drift (75th perc.)	0.02	12.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.004	2.2
	Re-entry (75th perc.)	0.01	8
	Sum (mean)	0.03	16.8
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	7.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.001	0.9
	Re-entry (75th perc.)	0.007	4.4
	Sum (mean)	0.01	9

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.3
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.05
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.4
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.2

Scenario 2 : Outdoor, late season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Late season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.04	18.5
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	1.2
	Re-entry (75th perc.)	0.02	11.6
	Sum (mean)	0.05	22.6
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.02	10.3
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.001	0.5
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.02	12.3
Difenoconazole			Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
	Drift (75th perc.)	0.02	12.7

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
Resident child Body weight: 10 kg	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.001	0.8
	Re-entry (75th perc.)	0.01	8
	Sum (mean)	0.03	15.7
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.01	7.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0006	0.3
	Re-entry (75th perc.)	0.007	4.4
	Sum (mean)	0.01	8.5
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.3
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.4
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.2
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.009
	Re-entry (75th perc.)		0.1
	Sum (mean)		0.2

Use 13 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 90 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Resident child Body weight: 10 kg	Drift (75th perc.)	0.01	6.8
	Vapour (75th perc.)	0.0008	0.4
	Deposits (75th perc.)	0.002	0.9

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AOEL
	Re-entry (75th perc.)	0.02	9.5
	Sum (mean)	0.02	12.3
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.003	1.6
	Vapour (75th perc.)	0.0003	0.1
	Deposits (75th perc.)	0.0008	0.4
	Re-entry (75th perc.)	0.01	5.3
	Sum (mean)	0.01	5.4
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Resident child Body weight: 10 kg	Drift (75th perc.)	0.007	4.7
	Vapour (75th perc.)	0.0008	0.5
	Deposits (75th perc.)	0.001	0.6
	Re-entry (75th perc.)	0.01	6.5
	Sum (mean)	0.01	8.7
Resident adult Body weight: 60 kg	Drift (75th perc.)	0.002	1.1
	Vapour (75th perc.)	0.0003	0.2
	Deposits (75th perc.)	0.0004	0.3
	Re-entry (75th perc.)	0.006	3.6
	Sum (mean)	0.006	3.8
Combined exposure			Hazard index
Resident child Body weight: 10 kg	Drift (75th perc.)		0.1
	Vapour (75th perc.)		0.009
	Deposits (75th perc.)		0.02
	Re-entry (75th perc.)		0.2
	Sum (mean)		0.2
Resident adult Body weight: 60 kg	Drift (75th perc.)		0.03
	Vapour (75th perc.)		0.003
	Deposits (75th perc.)		0.006
	Re-entry (75th perc.)		0.09
	Sum (mean)		0.09

Bystander

Use 1 : Field crops

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
		Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 90 days Minimum volume of water: 200 l	
Azoxystrobin		Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.005	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.008	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.01	
Difenoconazole		Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.02	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.005	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.001	
	Re-entry (95th perc.)	0.006	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 2 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
		Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 90 days Minimum volume of water: 200 l	
Azoxystrobin		Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.005	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.008	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.01	
Difenoconazole		Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.02	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.005	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.001	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
	Re-entry (95th perc.)	0.006	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 3 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 7 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.005	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.008	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.009	
Difenoconazole			Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
	Drift (95th perc.)	0.02	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander child Body weight: 10 kg	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.009	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.005	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.001	
	Re-entry (95th perc.)	0.005	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 4 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 7 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 1 x 0.12 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.02	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.005	
	Vapour (95th perc.)	0.0003	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
	Deposits (95th perc.)	0.001	
	Re-entry (95th perc.)	0.006	
Difenoconazole	Number of applications and application rate: 1 x 0.075 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.01	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.006	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.003	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.0007	
	Re-entry (95th perc.)	0.003	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 5 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
		Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 7 days Minimum volume of water: 200 l	
Azoxystrobin	Number of applications and application rate: 1 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.005	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.008	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.009	
Difenoconazole	Number of applications and application rate: 1 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.02	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.009	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.005	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.001	
	Re-entry (95th perc.)	0.005	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 6 : Low ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
		Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l	
Azoxystrobin		Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.02	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.008	
	Re-entry (95th perc.)	0.03	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.006	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.02	
Difenoconazole		Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.01	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.005	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.003	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.009	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
	Drift (95th perc.)		0

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander adult Body weight: 60 kg	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 7 : Low ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
		Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l	
Azoxystrobin		Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.02	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.008	
	Re-entry (95th perc.)	0.03	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.006	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.02	
Difenoconazole		Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.01	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.005	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.003	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.009	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 8 : High ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Not relevant Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.1	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.03	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.06	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.02	
Difenoconazole			Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.06	
	Vapour (95th perc.)	0.0008	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.0008	
	Re-entry (95th perc.)	0.009	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 9 : High ornamentals

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Not relevant Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.1	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.03	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.06	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
	Re-entry (95th perc.)	0.02	
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.06	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.0008	
	Re-entry (95th perc.)	0.009	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 10 : Orchards

Scenario 1 : Outdoor, early season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Early season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
	Drift (95th perc.)	0.08	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander child Body weight: 10 kg	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.02	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.007	
	Re-entry (95th perc.)	0.01	
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.009	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.007	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Scenario 2 : Outdoor, late season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Late season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Azoxystrobin	Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.08	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.007	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.01	
Difenoconazole	Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.007	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 11 : Orchards

Scenario 1 : Outdoor, early season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Early season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.08	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.02	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.007	
	Re-entry (95th perc.)	0.01	
Difenoconazole			Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.009	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.007	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
	Drift (95th perc.)		0

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander adult Body weight: 60 kg	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Scenario 2 : Outdoor, late season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Late season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.08	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.007	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.01	
Difenoconazole			Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.007	
Combined exposure			Hazard index
	Drift (95th perc.)		0

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander child Body weight: 10 kg	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 12 : Orchards

Scenario 1 : Outdoor, early season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Early season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin			Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.08	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.02	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.007	
	Re-entry (95th perc.)	0.01	
Difenoconazole			Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.009	
	Re-entry (95th perc.)	0.01	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.007	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Scenario 2 : Outdoor, late season

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Late season Buffer zone: 5 m Drift reduction technology: 0 % Interval between treatments: 14 days Minimum volume of water: 300 l
Azoxystrobin		Number of applications and application rate: 2 x 0.16 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.08	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.007	
	Re-entry (95th perc.)	0.02	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.01	
Difenoconazole		Number of applications and application rate: 2 x 0.1 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.05	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.004	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.007	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Use 13 : Low vegetables

Scenario 1 : Outdoor, season not relevant

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
			Season: Not relevant Buffer zone: 2-3 m Drift reduction technology: 0 % Interval between treatments: 90 days Minimum volume of water: 200 l
Azoxystrobin			Number of applications and application rate: 2 x 0.2 kg a.s./ha Dermal absorption: 50 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.03	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.005	
	Re-entry (95th perc.)	0.02	
	Drift (95th perc.)	0.008	

Model data	Level of PPE	Total absorbed dose [mg/kg bw per day]	% of systemic AAOEL
Bystander adult Body weight: 60 kg	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.002	
	Re-entry (95th perc.)	0.01	
Difenoconazole	Number of applications and application rate: 2 x 0.125 kg a.s./ha Dermal absorption: 44 % DFR: 3 µg/cm² foliage per kg a.s./ha DT50: 30 days		
Bystander child Body weight: 10 kg	Drift (95th perc.)	0.02	
	Vapour (95th perc.)	0.0008	
	Deposits (95th perc.)	0.003	
	Re-entry (95th perc.)	0.01	
Bystander adult Body weight: 60 kg	Drift (95th perc.)	0.005	
	Vapour (95th perc.)	0.0003	
	Deposits (95th perc.)	0.001	
	Re-entry (95th perc.)	0.006	
Combined exposure			Hazard index
Bystander child Body weight: 10 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0
Bystander adult Body weight: 60 kg	Drift (95th perc.)		0
	Vapour (95th perc.)		0
	Deposits (95th perc.)		0
	Re-entry (95th perc.)		0

Appendix

Operator

Use 1 : Field crops

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	Name of active substance	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	Crops	Field crops
Area treated [ha/day]	50	Application method	Downward spraying
Dermal absorption [%] (concentrate)	10	Application technique	Vehicle-mounted
Dermal absorption [%] (dilution)	50	Indoor/outdoor	Outdoor
Oral absorption [%]	100	Drift reduction [%]	0
Inhalation absorption [%]	100	Type of cultivation	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Field crops
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Use 2 : Low vegetables

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Azoxystrobin , Input Data			
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	49.8	49.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	53.7	53.7

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Azoxystrobin , Input Data			
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	52	52

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	58.5	58.5

Use 3 : Low vegetables

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	49.8	49.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	53.7	53.7

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Azoxystrobin , Input Data			
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	52	52

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	58.5	58.5

Use 4 : Low vegetables

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	49.8	49.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	53.7	53.7

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	52	52

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	58.5	58.5

Use 5 : Low vegetables

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	49.8	49.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	53.7	53.7

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	52	52

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	58.5	58.5

Use 6 : Low ornamentals

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low ornamentals
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low ornamentals
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low ornamentals
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	49.8	49.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low ornamentals
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	53.7	53.7

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low ornamentals
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	52	52

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low ornamentals
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	58.5	58.5

Use 7 : Low ornamentals

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low ornamentals
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low ornamentals
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Azoxystrobin , Input Data			
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low ornamentals
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	49.8	49.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low ornamentals
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	53.7	53.7

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Azoxystrobin , Input Data			
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low ornamentals
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	52	52

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low ornamentals
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	58.5	58.5

Use 8 : High ornamentals

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	High ornamentals
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	21.1	21.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.07	0.07
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	38.8	38.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	1.9	1.9
	Head protection	*None*	*None*
	Head exposure	19.1	19.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.6	1.6
Total	Total systemic exposure [mg/kg bw per day]	0.08	0.08
	% of AOEL	41.5	41.5

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	High ornamentals
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.6	15.6
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	22.5	22.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	1.1	1.1
	Head protection	*None*	*None*
	Head exposure	10.5	10.5
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.2	1.2
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32	32

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	High ornamentals
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.6	18.6
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	1.2	1.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.1	1.1
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	20.7	20.7

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	High ornamentals
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11	11
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.9	0.9
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.8	0.8
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	18.1	18.1

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	High ornamentals
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	5.8	5.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	0.8	0.8
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	16	16

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	High ornamentals
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	3.4	3.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.6	0.6
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.2	0.2
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	17.6	17.6

Use 9 : High ornamentals

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	High ornamentals
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	21.1	21.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.07	0.07
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	38.8	38.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	1.9	1.9
	Head protection	*None*	*None*
	Head exposure	19.1	19.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.6	1.6
Total	Total systemic exposure [mg/kg bw per day]	0.08	0.08
	% of AOEL	41.5	41.5

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	High ornamentals
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.6	15.6
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	22.5	22.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	1.1	1.1
	Head protection	*None*	*None*
	Head exposure	10.5	10.5
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.2	1.2
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32	32

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	High ornamentals
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.6	18.6
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	1.2	1.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.1	1.1
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	20.7	20.7

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	High ornamentals
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11	11
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.9	0.9
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.8	0.8
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	18.1	18.1

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	High ornamentals
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	5.8	5.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	0.8	0.8
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	16	16

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	High ornamentals
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	3.4	3.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.6	0.6
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.2	0.2
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	17.6	17.6

Use 10 : Orchards

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.3	18.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	31.8	31.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	1.5	1.5
	Head protection	*None*	*None*
	Head exposure	15.3	15.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.4	1.4
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	34.3	34.3

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	13.5	13.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.08	0.08
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.4	18.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.8	0.8
	Head protection	*None*	*None*
	Head exposure	8.4	8.4
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.1	1.1
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	26.6	26.6

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	10.2	10.2
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.06	0.06
	Head protection	*None*	*None*
	Head exposure	0.07	0.07
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.4	15.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.9	0.9
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	18.2	18.2

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	7.5	7.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.04	0.04
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	9.1	9.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.8	0.8
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	16.1	16.1

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	4.8	4.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.3	0.3
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	15.4	15.4

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	2.9	2.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.5	0.5
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.2	0.2
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	17.2	17.2

Use 11 : Orchards

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.3	18.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	31.8	31.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	1.5	1.5
	Head protection	*None*	*None*
	Head exposure	15.3	15.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.4	1.4
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	34.3	34.3

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	13.5	13.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.08	0.08
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.4	18.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.8	0.8
	Head protection	*None*	*None*
	Head exposure	8.4	8.4
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.1	1.1
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	26.6	26.6

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Azoxystrobin , Input Data			
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	10.2	10.2
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.06	0.06
	Head protection	*None*	*None*
	Head exposure	0.07	0.07
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.4	15.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.9	0.9
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	18.2	18.2

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	7.5	7.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.04	0.04
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	9.1	9.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.8	0.8
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	16.1	16.1

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	4.8	4.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.3	0.3
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	15.4	15.4

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	2.9	2.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.5	0.5
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.2	0.2
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	17.2	17.2

Use 12 : Orchards

Scenario 1 : Outdoor, normal, upward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.3	18.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	31.8	31.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	1.5	1.5
	Head protection	*None*	*None*
	Head exposure	15.3	15.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.4	1.4
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	34.3	34.3

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	10	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	13.5	13.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.08	0.08
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	18.4	18.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.8	0.8
	Head protection	*None*	*None*
	Head exposure	8.4	8.4
	Inhalation protection	*None*	*None*
	Inhalation exposure	1.1	1.1
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	26.6	26.6

Scenario 2 : Outdoor, normal, upward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	10.2	10.2
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.06	0.06
	Head protection	*None*	*None*
	Head exposure	0.07	0.07
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.4	15.4
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.9	0.9
Total	Total systemic exposure [mg/kg bw per day]	0.04	0.04
	% of AOEL	18.2	18.2

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	4	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	7.5	7.5
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.04	0.04
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	9.1	9.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.8	0.8
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	16.1	16.1

Scenario 3 : Outdoor, normal, upward spraying, manual-knapsack

Azoxystrobin , Input Data			
Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Orchards
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	4.8	4.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	8.5	8.5
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.3	0.3
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	15.4	15.4

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Orchards
Area treated [ha/day]	1	**Application method**	Upward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	2.9	2.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	7.5	7.5
	Head protection	*None*	*None*
	Head exposure	0.5	0.5
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.2	0.2
Total	Total systemic exposure [mg/kg bw per day]	0.03	0.03
	% of AOEL	17.2	17.2

Use 13 : Low vegetables

Scenario 1 : Outdoor, normal, downward spraying, vehicle-mounted

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	59.1	59.1
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	1.1	1.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.3	12.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.2	0.2
	Head protection	*None*	*None*
	Head exposure	0.3	0.3
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.06	0.06
Total	Total systemic exposure [mg/kg bw per day]	0.07	0.07
	% of AOEL	36.8	36.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	50	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Vehicle-mounted
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	43.8	43.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.3	0.3
	Head protection	*None*	*None*
	Head exposure	0.7	0.7
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.1	0.1
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	6.8	6.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.1	0.1
	Head protection	*None*	*None*
	Head exposure	0.2	0.2
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Total	Total systemic exposure [mg/kg bw per day]	0.05	0.05
	% of AOEL	32.4	32.4

Scenario 2 : Outdoor, normal, downward spraying, manual-hand held

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.7	11.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.07	0.07
	Head protection	*None*	*None*
	Head exposure	0.08	0.08
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.05	0.05
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	49.8	49.8

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	4	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-hand held
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	8.7	8.7
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.05	0.05
	Head protection	*None*	*None*
	Head exposure	0.05	0.05
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.04	0.04
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	53.7	53.7

Scenario 3 : Outdoor, normal, downward spraying, manual-knapsack

Azoxystrobin , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Azoxystrobin
Concentration of active substance [g a.s./l or kg]	200	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	50	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.2		
AAOEL [mg/kg bw]			

Azoxystrobin , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	12.9	12.9
	Body protection	*Workwear*	*Workwear*
	Body exposure	74.2	74.2
	Head protection	*None*	*None*
	Head exposure	0.1	0.1
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.1	0.1
	% of AOEL	52	52

Difenoconazole , Input Data

Formulation type	Soluble concentrates, emulsifiable concentrate, etc.	**Name of active substance**	Difenoconazole
Concentration of active substance [g a.s./l or kg]	125	**Crops**	Low vegetables
Area treated [ha/day]	1	**Application method**	Downward spraying
Dermal absorption [%] (concentrate)	10	**Application technique**	Manual-knapsack
Dermal absorption [%] (dilution)	44	**Indoor/outdoor**	Outdoor
Oral absorption [%]	100	**Drift reduction [%]**	0
Inhalation absorption [%]	100	**Type of cultivation**	Normal
Body weight (kg)	60		
AOEL [mg/kg bw/day]	0.16		
AAOEL [mg/kg bw]			

Difenoconazole , Per body part - Short term exposure

Activity	Systemic exposure per body part	With workwear	With workwear + PPE/RPE
Mixing and loading (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	15.8	15.8
	Body protection	*Workwear*	*Workwear*
	Body exposure	0.04	0.04
	Head protection	*None*	*None*
	Head exposure	0.009	0.009
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.6	0.6
Application (µg/kg bw per day)	*Hand protection*	*None*	*None*
	Hands exposure	11.3	11.3
	Body protection	*Workwear*	*Workwear*
	Body exposure	65.3	65.3
	Head protection	*None*	*None*
	Head exposure	0.09	0.09
	Inhalation protection	*None*	*None*
	Inhalation exposure	0.4	0.4
Total	Total systemic exposure [mg/kg bw per day]	0.09	0.09
	% of AOEL	58.5	58.5

Worker

: Field crops

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	AOEL [mg/kg bw/day]	0.2
Re-entry activity	Inspection, irrigation	Dermal transfer coefficient - Total potential exposure [cm²/h]	12500
Crops	Field crops	Dermal transfer coefficient - Arm, body and legs covered [cm²/h]	1400
Application method	Downward spraying	Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]	1250
Application technique	Vehicle-mounted	Dermal transfer coefficient - Hands covered, no workwear [cm²/h]	
Max. application rate of the product [l or kg/ha]	1	DFR refined worker [µg/cm² foliage per kg a.s./ha]	3
Max. no. of applications	2	DT50 foliar worker [days]	30
Interval between multiple applications [days]	90		
Multiple application factor	1.12		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	8.4	0.9	0.8	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	8.4	0.9	0.8	NA
	Total systemic exposure [mg/kg bw per day]	0.1	0.02	0.01	NA
	% of AOEL	70	7.8	7	NA

Difenoconazole , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Inspection, irrigation	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Field crops	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	90		
Multiple application factor	1.12		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	4.6	0.5	0.5	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	4.6	0.5	0.5	NA
	Total systemic exposure [mg/kg bw per day]	0.08	0.009	0.008	NA
	% of AOEL	48.1	5.4	4.8	NA

: Low vegetables

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Inspection, irrigation (All)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	90	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1.12		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	8.4	0.9	0.8	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	8.4	0.9	0.8	NA
	Total systemic exposure [mg/kg bw per day]	0.1	0.02	0.01	NA
	% of AOEL	70	7.8	7	NA

Difenoconazole , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Inspection, irrigation (All)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	90	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1.12		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	4.6	0.5	0.5	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	4.6	0.5	0.5	NA
	Total systemic exposure [mg/kg bw per day]	0.08	0.009	0.008	NA
	% of AOEL	48.1	5.4	4.8	NA

: Low vegetables

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Maintenance (Brassica only)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	1	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	7	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	NA	12	NA	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]	NA		NA	NA
Total	Total systemic exposure [mg a.s. per day]	NA	12	NA	NA
	Total systemic exposure [mg/kg bw per day]	NA	0.2	NA	NA
	% of AOEL	NA	100	NA	NA

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Maintenance (Brassica only)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	1	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	7	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	NA	6.6	NA	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]	NA		NA	NA
Total	Total systemic exposure [mg a.s. per day]	NA	6.6	NA	NA
	Total systemic exposure [mg/kg bw per day]	NA	0.1	NA	NA
	% of AOEL	NA	68.8	NA	NA

: Low vegetables

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Harvest (Brassica only)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	1	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	7	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	NA	7.2	NA	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]	NA		NA	NA
Total	Total systemic exposure [mg a.s. per day]	NA	7.2	NA	NA
	Total systemic exposure [mg/kg bw per day]	NA	0.1	NA	NA
	% of AOEL	NA	60	NA	NA

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Harvest (Brassica only)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	1	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	7	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	NA	4	NA	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]	NA		NA	NA
Total	Total systemic exposure [mg a.s. per day]	NA	4	NA	NA
	Total systemic exposure [mg/kg bw per day]	NA	0.07	NA	NA
	% of AOEL	NA	41.3	NA	NA

: Low vegetables

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	removing bolting sugar beets	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	18600
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	4400
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	430
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	14300
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	1	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	7		
Multiple application factor	1		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	44.6	10.6	1	34.3
Inhalation	Systemic inhalation exposure [mg a.s. per day]				
Total	Total systemic exposure [mg a.s. per day]	44.6	10.6	1	34.3
	Total systemic exposure [mg/kg bw per day]	0.7	0.2	0.02	0.6
	% of AOEL	372	88	8.6	286

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	removing bolting sugar beets	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	18600
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	4400
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	430
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	14300
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	1	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	7		
Multiple application factor	1		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	24.6	5.8	0.6	18.9
Inhalation	Systemic inhalation exposure [mg a.s. per day]				
Total	Total systemic exposure [mg a.s. per day]	24.6	5.8	0.6	18.9
	Total systemic exposure [mg/kg bw per day]	0.4	0.1	0.009	0.3
	% of AOEL	256	60.5	5.9	197

: Low ornamentals

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Cutting, sorting, bundling, carrying	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	14000
Crops	Low ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1400
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	57.8	20.6	5.8	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	57.8	20.6	5.8	NA
	Total systemic exposure [mg/kg bw per day]	1	0.3	0.1	NA
	% of AOEL	482	172	48.2	NA

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Cutting, sorting, bundling, carrying	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	14000
Crops	Low ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1400
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	31.8	11.4	3.2	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	31.8	11.4	3.2	NA
	Total systemic exposure [mg/kg bw per day]	0.5	0.2	0.05	NA
	% of AOEL	331	118	33.1	NA

: Low ornamentals

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Inspection, irrigation	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Low ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	12.9	1.4	1.3	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	12.9	1.4	1.3	NA
	Total systemic exposure [mg/kg bw per day]	0.2	0.02	0.02	NA
	% of AOEL	108	12	10.8	NA

Difenoconazole , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Inspection, irrigation	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Low ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	7.1	0.8	0.7	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	7.1	0.8	0.7	NA
	Total systemic exposure [mg/kg bw per day]	0.1	0.01	0.01	NA
	% of AOEL	73.9	8.3	7.4	NA

: High ornamentals

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Cutting, sorting, bundling, carrying	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	14000
Crops	High ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1400
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	57.8	20.6	5.8	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	57.8	20.6	5.8	NA
	Total systemic exposure [mg/kg bw per day]	1	0.3	0.1	NA
	% of AOEL	482	172	48.2	NA

Difenoconazole , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Cutting, sorting, bundling, carrying	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	14000
Crops	High ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	5000
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1400
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	31.8	11.4	3.2	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	31.8	11.4	3.2	NA
	Total systemic exposure [mg/kg bw per day]	0.5	0.2	0.05	NA
	% of AOEL	331	118	33.1	NA

: High ornamentals

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Inspection, irrigation	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	High ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	12.9	1.4	1.3	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	12.9	1.4	1.3	NA
	Total systemic exposure [mg/kg bw per day]	0.2	0.02	0.02	NA
	% of AOEL	108	12	10.8	NA

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Inspection, irrigation	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	High ornamentals	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14	**Inhalation task specific factor [ha/h*10^-3]**	0.01
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	7.1	0.8	0.7	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	7.1	0.8	0.7	NA
	Total systemic exposure [mg/kg bw per day]	0.1	0.01	0.01	NA
	% of AOEL	73.9	8.3	7.4	NA

: Orchards

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Maintenance/thinning	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	22500
Crops	Orchards	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	4500
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	2250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	0.8	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14		
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	74.3	14.9	7.4	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	74.3	14.9	7.4	NA
	Total systemic exposure [mg/kg bw per day]	1.2	0.2	0.1	NA
	% of AOEL	619	124	61.9	NA

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Maintenance/thinning	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	22500
Crops	Orchards	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	4500
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	2250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	0.8	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14		
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	40.9	8.2	4.1	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	40.9	8.2	4.1	NA
	Total systemic exposure [mg/kg bw per day]	0.7	0.1	0.07	NA
	% of AOEL	426	85.1	42.6	NA

: Orchards

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	AOEL [mg/kg bw/day]	0.2
Re-entry activity	Inspection, irrigation	Dermal transfer coefficient - Total potential exposure [cm²/h]	12500
Crops	Orchards	Dermal transfer coefficient - Arm, body and legs covered [cm²/h]	1400
Application method	Upward spraying	Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	Dermal transfer coefficient - Hands covered, no workwear [cm²/h]	
Max. application rate of the product [l or kg/ha]	0.8	DFR refined worker [µg/cm² foliage per kg a.s./ha]	3
Max. no. of applications	2	DT50 foliar worker [days]	30
Interval between multiple applications [days]	14		
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	10.3	1.2	1	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	10.3	1.2	1	NA
	Total systemic exposure [mg/kg bw per day]	0.2	0.02	0.02	NA
	% of AOEL	86	9.6	8.6	NA

Difenoconazole , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Inspection, irrigation	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Orchards	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	1400
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	0.8	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14		
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	2		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	5.7	0.6	0.6	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	5.7	0.6	0.6	NA
	Total systemic exposure [mg/kg bw per day]	0.09	0.01	0.009	NA
	% of AOEL	59.1	6.6	5.9	NA

: Orchards

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Searching, reaching, picking	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Orchards	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	3500
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	0.8	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14		
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	41.3	11.6	4.1	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	41.3	11.6	4.1	NA
	Total systemic exposure [mg/kg bw per day]	0.7	0.2	0.07	NA
	% of AOEL	344	96.3	34.4	NA

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Searching, reaching, picking	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	12500
Crops	Orchards	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	3500
Application method	Upward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	1250
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	0.8	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	14		
Multiple application factor	1.72		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	22.7	6.4	2.3	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	22.7	6.4	2.3	NA
	Total systemic exposure [mg/kg bw per day]	0.4	0.1	0.04	NA
	% of AOEL	237	66.2	23.7	NA

: Low vegetables

Scenario 1 : Outdoor, normal

Azoxystrobin , Input data

Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.2
Re-entry activity	Reaching, picking (all except Brassica)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	5800
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	2500
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	580
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	90	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1.12		
Body weight (kg)	60		
Name of active substance	Azoxystrobin		
Dermal absorption [%] (dilution)	50		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Azoxystrobin , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	15.6	6.7	1.6	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	15.6	6.7	1.6	NA
	Total systemic exposure [mg/kg bw per day]	0.3	0.1	0.03	NA
	% of AOEL	130	56	13	NA

Difenoconazole , Input data			
Indoor/outdoor	Outdoor	**AOEL [mg/kg bw/day]**	0.16
Re-entry activity	Reaching, picking (all except Brassica)	**Dermal transfer coefficient - Total potential exposure [cm²/h]**	5800
Crops	Low vegetables	**Dermal transfer coefficient - Arm, body and legs covered [cm²/h]**	2500
Application method	Downward spraying	**Dermal transfer coefficient - Hands, arm, body and legs covered [cm²/h]**	580
Application technique	Vehicle-mounted; manual-hand held; manual-knapsack	**Dermal transfer coefficient - Hands covered, no workwear [cm²/h]**	
Max. application rate of the product [l or kg/ha]	1	**DFR refined worker [µg/cm² foliage per kg a.s./ha]**	3
Max. no. of applications	2	**DT50 foliar worker [days]**	30
Interval between multiple applications [days]	90	**Inhalation task specific factor [ha/h*10^-3]**	0.1
Multiple application factor	1.12		
Body weight (kg)	60		
Name of active substance	Difenoconazole		
Dermal absorption [%] (dilution)	44		
Inhalation absorption [%]	100		
Time [hours per day]	8		

Difenoconazole , Exposure per body part

Exposure route	Description	Potential	Workwear	Workwear and gloves	Gloves
Dermal	Systemic dermal exposure [mg a.s. per day]	8.6	3.7	0.9	NA
Inhalation	Systemic inhalation exposure [mg a.s. per day]				NA
Total	Total systemic exposure [mg a.s. per day]	8.6	3.7	0.9	NA
	Total systemic exposure [mg/kg bw per day]	0.1	0.06	0.01	NA
	% of AOEL	89.3	38.5	8.9	NA

Combined exposure calculations for difenoconazole and azoxystrobin.

Please refer to that point 6.6.6.1.

Appendix 4 Detailed evaluation of exposure and/or DFR studies relied upon (KCP 7.2, KCP 7.2.1.1, KCP 7.2.2.1, KCP 7.2.3.1)

N/A.