

# REGISTRATION REPORT

## Part B

### Section 0

Product Background, Regulatory Context and  
GAP information

Product code: GLOB2111F

Product name(s): Starinta

Chemical active substance(s):

Bixafen, 125 g/L

Central Zone

Zonal Rapporteur Member State: Poland

### CORE ASSESSMENT

(authorization)

Applicant: Globachem NV

Submission date: December 2023

zRMS Assessment : 09/08/2024

Version after commenting : 15/11/2024

MS Finalisation date: 12/12/2024 corrected 29/04/2025

## Version history

When	What
August 2024	zRMS assessment
November 2024	After commenting period
April 2025	zRMS correction

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## 0 Product background, regulatory context and GAP information

### 0.1 Introduction

#### 0.1.1 Reason for application

This application is made for a new product containing 125 g/L bixafen, formulated as a emulsifiable concentrate (EC). This application follows the data requirements for the active substance laid down in Regulation (EC) No. 283/2013 and the data requirements for the plant protection product laid down in Regulation (EC) No. 284/2013.

Poland is designated zRMS for GLOB2111F for the Central zone and Czech Republic, Hungary and Romania are cMS.

The Annex II data on bixafen are out of protection at EU level. The technical equivalence of the intended source of the active substance has been positively evaluated in the EU and the evaluation report can be found on CIRCABC. With regard to the Annex III data, all necessary data are owned by the company Globachem NV.

#### 0.1.2 Details of zRMS(s) and concerned MS

**Table 0.1-1: Overview of zRMS and cMS**

	zRMS, product name and authorization no. (if relevant)	(if relevant) Concerned MS, MS' product name and authorization number (if applicable)
Central zone	Poland, Starinta	Czech Republic, Starinta Hungary, Starinta Romania, Starinta

#### 0.1.3 Regulatory history of the active(s)

**Table 0.1-2: Summary of regulatory history of CAS No: 581809-46-3**

Status	
Approved in EU	Y
Original Inclusion Directive or Commission Implementing Regulation	Commission Implementing Regulation (EU) No 350/2013
RMS	CZ (original RMS was UK)
Date of Approval (or most recent renewal) of Active Substance (date of Regulation to be applied)	01.10.2013
Date of first Commission (re-registration) deadline (Step 1) or date of deadline for renewal of authorization (renewal)	-
Date of final Commission (re-registration) deadline (Step 2)	-
Current expiration of approval	31.05.2025

<b>Status</b>	
Low risk substance or Candidate for Substitution?	N/A

Issues that need to be considered as part of the EU approval are listed below.

In this overall assessment Member States must pay particular attention to:

- the residues of bixafen and of its metabolites in rotational crops;
- the protection of groundwater, when the substance is applied in regions with vulnerable soil and/or climatic conditions;
- the risk to aquatic organisms;
- the risk to soil and sediment-dwelling organisms.

Conditions of use shall include risk mitigation measures, where appropriate.

The SANCO report for bixafen (SANCO/10357/2013 – 15/03/2013) is considered to provide the relevant information on the evaluation or a reference to where such information can be found. An EFSA Scientific Report was made available on 05/11/2012.

**Table 0.1-3: Information on minimum purity of bixafen**

EU agreed minimum purity from Inclusion Directive or Implementing regulation	(if different) Minimum purity of active substance used in the product / information on available equivalency report *, **
950 g/kg	Min. purity: 980 g/kg Equivalence report available: Y RMS: Poland

\* Since EU approval new studies on the active substance have been performed (e.g. new manufacturing site, new specification) and as a result the purity of the active substance has changed (see Part C).

\*\* If the specification of the active substance is different to that used as reference specification for EU approval then please refer to the equivalency document from the RMS.

#### 0.1.4 Regulatory history of the product

Not relevant as the product has not yet been authorised

#### 0.2 zRMS conclusion

**Efficacy:** Most of the requested uses are not supported by a sufficient number of trials to meet EPPO requirements PP 1/226 (3). The evaluation is to be confirmed by relevant CMS for all uses, based on their experience with similar substances and their national possibilities for extrapolation. For PL, acceptable evidence was only provided against SEPTTR on wheat and RHYNSE on barley, with the possibility to extrapolate the data to other crops (see GAP table for details). Further data are required for the use of GLOB2111F in combination with other fungicides (tank-mix partners) according to the claimed uses.

Uses to be considered safe on the basis of EU methodology:

See Appendix 1.

Uses to be considered non-safe on the basis of EU methodology:

See Appendix 1.

Uses for which safety has been established only following additional risk mitigation at a national (non-core) level or for which the evaluation is to be confirmed by relevant CMS:

See Appendix 1.

All uses/ GAPs are covered by established MRLs.

## Appendix 1 ALL intended uses

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (i)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
Zonal uses (field or outdoor uses, certain types of protected crops)														
1	PL	Winter wheat <i>Triticum aestivum</i> winter / <i>Triticum durum</i> winter (TRZAW/TRZDW)	F	<i>Puccinia striiformis</i> (PUCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Parastagonospora nodorum</i> (LEPTNO) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61 <del>BBCH 30—33</del>	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		R
2	CZ, HU, RO	Winter wheat <i>Triticum aestivum</i> winter / <i>Triticum durum</i> winter (TRZAW/TRZDW)	F	<i>Puccinia striiformis</i> (PUCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Parastagonospora nodorum</i> (LEPTNO) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100– 300</del>  100 - 400	/	TRZDW: minor crop in CZ & RO	C
3	PL	Winter wheat <i>Triticum aestivum</i> winter / <i>Triticum durum</i> winter (TRZAW/TRZDW)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61—69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300	/		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
4	CZ, HU, RO	Winter wheat <i>Triticum aestivum</i> winter / <i>Triticum</i> <i>durum</i> winter (TRZAW/TRZDW)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> <del>300</del>  100 - 400	/	TRZDW: minor crop in CZ & RO	C
5	PL	Winter barley <i>Hordeum vulgare</i> winter (HORVW)	F	<i>Puccinia hordei</i> (PUCCHD) <i>Pyrenophora teres</i> (PYRNTE) <i>Rhynchosporium secalis</i> (RHYNSE) <i>Blumeria graminis</i> (ERYSGR) <i>Ramularia collo-cygni</i> (RAMUCC)	Normal down- ward spraying	BBCH 30 – 61 <del>BBCH 30–33</del>	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
6	CZ, HU, RO	Winter barley <i>Hordeum vulgare</i> winter (HORVW)	F	<i>Puccinia hordei</i> (PUCCHD) <i>Pyrenophora teres</i> (PYRNTE) <i>Rhynchosporium secalis</i> (RHYNSE) <i>Blumeria graminis</i> (ERYSGR) <i>Ramularia collo-cygni</i> (RAMUCC)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> <del>300</del>  100 - 400	/		C
7	<del>PL</del>	<del>Winter barley</del> <del><i>Hordeum vulgare</i></del> <del>winter</del> <del>(HORVW)</del>	<del>F</del>	<del><i>Fusarium</i> sp.</del> <del>(FUSASP)</del>	<del>Normal</del> <del>down-</del> <del>ward</del> <del>spraying</del>	<del>BBCH 61</del>	<del>a) 1</del> <del>b) 1</del>	<del>/</del>	<del>a) 1</del> <del>b) 1</del>	<del>a) 0.125</del> <del>b) 0.125</del>	<del>100–</del> <del>300</del>			
8	CZ, HU, RO	Winter barley <i>Hordeum vulgare</i> winter (HORVW)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		C
9	PL	Winter rye	F	<i>Rhynchosporium secalis</i>	Normal	BBCH 30 – 61	a) 1	/	a) 1	a) 0.125	100 -	/		R



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
		<i>Secale cereale</i> winter (SECCW)		(RHYNSE) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	down- ward spraying	BBCH 30—33	b) 1		b) 1	b) 0.125	300			
10	CZ, HU	Winter rye <i>Secale cereale</i> winter (SECCW)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300  100 - 400	/		C
11	PL	<i>Winter rye</i> <i>Secale cereale</i> winter (SECCW)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61—69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300	/		
12	CZ, HU	Winter rye <i>Secale cereale</i> winter (SECCW)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		C
13	PL	Triticale winter <i>Triticale sp. winter</i> (TTLWI)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Parastagonospora nodorum</i> (LEPTNO) <i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61 BBCH 30—33	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		R
14	CZ, HU	Triticale winter <i>Triticale sp. winter</i> (TTLWI)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Parastagonospora nodorum</i>	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300  100 -	/		C

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
				(LEPTNO) <i>Puccinia striiformis</i> (PUCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Blumeria graminis</i> (ERYSGR)							400			
15	PL	Triticale winter <i>Triticale sp. winter</i> (TTLWI)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61—69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100— 300	/		
16	CZ, HU	Triticale winter <i>Triticale sp. winter</i> (TTLWI)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100— 300  100 - 400	/		C
17	PL	Oats winter <i>Avena sativa</i> (AVESW)	F	<i>Blumeria graminis</i> (ERYSGR) <i>Puccinia coronata var.</i> <i>avenae</i> (PUCCCA) <i>Pyrenophora</i> <i>chaetomioides</i> (PYRNAV)	Normal down- ward spraying	BBCH 30—61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100— 300	/		
18	CZ, RO	Oats winter <i>Avena sativa</i> (AVESW)	F	<i>Blumeria graminis</i> (ERYSGR) <i>Puccinia coronata var.</i> <i>avenae</i> (PUCCCA) <i>Pyrenophora</i> <i>chaetomioides</i> (PYRNAV)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100— 300  100 - 400	/		C
19	PL	Oats winter <i>Avena sativa</i>	F	<i>Fusarium sp.</i> (FUSASP)	Normal down-	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100— 300	/		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
		(AVESW)			ward spraying									
20	CZ, RO	Oats winter <i>Avena sativa</i> (AVESW)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300  100 - 400	/		C
21	PL	Spring wheat <i>Triticum aestivum</i> spring/ <i>Triticum</i> <i>durum</i> winter. (TRZAS/TRZDS)	F	<i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Parastagonospora</i> <i>nodorum</i> (LEPTNO) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30–61 BBCH 30–33	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300	/		
22	CZ, HU, RO	Spring wheat <i>Triticum aestivum</i> spring/ <i>Triticum</i> <i>durum</i> winter. (TRZAS/TRZDS)	F	<i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Parastagonospora</i> <i>nodorum</i> (LEPTNO) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300  100 - 400	/	TRZDW: minor crop in CZ & RO	C
23	PL	Spring wheat <i>Triticum aestivum</i> spring/ <i>Triticum</i> <i>durum</i> spring. (TRZAS/TRZDS)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61–69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100– 300	/		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
24	CZ, HU, RO	Spring wheat <i>Triticum aestivum</i> spring/ <i>Triticum</i> <i>durum</i> spring. (TRZAS/TRZDS)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> <del>300</del>  100 - 400	/	TRZDW: minor crop in CZ & RO	C
25	PL	Spring barley <i>Hordeum vulgare</i> spring (HORVS)	F	<i>Puccinia hordei</i> (PUCCHD) <i>Pyrenophora teres</i> (PYR- NTE) <i>Rhynchosporium secalis</i> (RHYNSE) <i>Blumeria graminis</i> (ERYSGR) <i>Ramularia collo-cygni</i> (RAMUCC)	Normal down- ward spraying	BBCH 30 – 61 <del>BBCH 30–33</del>	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		R
26	CZ, HU, RO	Spring barley <i>Hordeum vulgare</i> spring (HORVS)	F	<i>Puccinia hordei</i> (PUCCHD) <i>Pyrenophora teres</i> (PYR- NTE) <i>Rhynchosporium secalis</i> (RHYNSE) <i>Blumeria graminis</i> (ERYSGR) <i>Ramularia collo-cygni</i> (RAMUCC)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> <del>300</del>  100 - 400	/		C
27	PL	Spring barley <i>Hordeum vulgare</i> spring (HORVS)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> <del>300</del>	/		
28	CZ, HU, RO	Spring barley <i>Hordeum vulgare</i> spring (HORVS)	F	<i>Fusarium</i> sp. (FUSASP)	Normal down- ward spraying	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		C
29	CZ, HU	Spring rye	F	<i>Rhynchosporium secalis</i>	Normal	BBCH 30 – 61	a) 1	/	a) 1	a) 0.125	<del>100–</del>	/		C

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, G, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
		<i>Secale cereale</i> spring (SECCS)		(RHYNSE) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	down- ward spraying		b) 1		b) 1	b) 0.125	300  100 - 400			
30	CZ, HU	Spring rye <i>Secale cereale</i> spring (SECCS)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		C
31	PL	<del>Triticale spring</del> <del>Triticale sp. spring</del> <del>(TTLSO)</del>	F	<del><i>Rhynchosporium secalis</i></del> (RHYNSE) <del><i>Parastagonospora no-</i></del> <del><i>dorum</i></del> (LEPTNO) <del><i>Puccinia striiformis</i></del> (PUCCST) <del><i>Zymoseptoria tritici</i></del> (SEPTTR) <del><i>Blumeria graminis</i></del> (ERYSGR)	Normal down- ward spraying	<del>BBCH 30 – 61</del> <del>BBCH 30 – 33</del>	<del>a) 1</del> <del>b) 1</del>	/	<del>a) 1</del> <del>b) 1</del>	<del>a) 0.125</del> <del>b) 0.125</del>	<del>100 –</del> <del>300</del>	/		
32	CZ, HU	Triticale spring <i>Triticale sp. spring</i> (TTLSO)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Parastagonospora</i> <i>nodorum</i> (LEPTNO) <i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 – 300  100 - 400	/		C
33	PL	<del>Triticale spring</del> <del>Triticale sp. spring</del> <del>(TTLSO)</del>	F	<del><i>Fusarium sp.</i></del> (FUSASP)	Normal down- ward	<del>BBCH 61 – 69</del>	<del>a) 1</del> <del>b) 1</del>	/	<del>a) 1</del> <del>b) 1</del>	<del>a) 0.125</del> <del>b) 0.125</del>	<del>100 –</del> <del>300</del>	/		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, G, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
					spraying									
34	CZ, HU	Triticale spring <i>Triticale sp. spring</i> (TTLSO)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> 300  100 - 400	/		C
35	PL	Oats spring <i>Avena sativa</i> (AVESP)	F	<i>Blumeria graminis</i> (ERYSGR) <i>Puccinia coronata</i> var. <i>avenae</i> (PUCCCA) <i>Pyrenophora chaetomioides</i> (PYRNAV)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> 300	/		
36	PL	Oats spring <i>Avena sativa</i> (AVESP)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> 300	/		
37	PL	Spelt <i>Triticum spelta</i> (TRZSP)	F	<i>Puccinia recondita</i> (PUCCRE) <i>Puccinia striiformis</i> (PUCCST) <i>Pyrenophora teres</i> (PYRNTE) <i>Rhynchosporium secalis</i> (RHYNSE) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Puccinia triticina</i> (PUCCRT) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61 <del>BBCH 30 – 33</del>	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		R
38	PL	Spelt <i>Triticum spelta</i>	F	<i>Fusarium sp.</i> (FUSASP)	Normal down-	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	<del>100–</del> 300	/		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
		(TRZSP)			ward spraying									
Minor uses according to Article 51 (zonal uses)														
39	CZ, RO	Winter durum wheat <i>Triticum durum</i> winter (TRZDW)	F	<i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Parastagonospora</i> <i>nodorum</i> (LEPTNO) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
40	CZ, RO	Winter durum wheat <i>Triticum durum</i> winter (TRZDW)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
41	RO	Winter rye <i>Secale cereale</i> winter (SECCW)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
42	RO	Winter rye <i>Secale cereale</i> winter (SECCW)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
43	RO	Triticale winter <i>Triticale sp. winter</i> (TTLWI)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Parastagonospora</i> <i>nodorum</i> (LEPTNO)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
				<i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Blumeria graminis</i> (ERYSGR)										
44	RO	Triticale winter <i>Triticale sp. winter</i> (TTLWI)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
45	HU	Oats winter <i>Avena sativa</i> (AVESW)	F	<i>Blumeria graminis</i> (ERYSGR) <i>Puccinia coronata var.</i> <i>avenae</i> (PUCCCA) <i>Pyrenophora chaetomioides</i> (PYRNAV)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
46	HU	Oats winter <i>Avena sativa</i> (AVESW)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
47	CZ, RO	Spring wheat <i>Triticum aestivum</i> spring/ <i>Triticum durum</i> spring. (TRZAS/TRZDS)	F	<i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Parastagonospora nodorum</i> (LEPTNO) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/	CZ & RO: Only TRZDS minor	
48	CZ, RO	Spring wheat	F	<i>Fusarium sp.</i>	Normal	BBCH 61 – 69	a) 1	/	a) 1	a) 0.125	100 -	/	CZ & RO: Only	



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
		<i>Triticum aestivum</i> spring/ <i>Triticum</i> <i>durum</i> spring. (TRZAS/TRZDS)		FUSASP)	down- ward spraying		b) 1		b) 1	b) 0.125	300		TRZDS minor	
49	PL, RO	Spring rye <i>Secale cereale</i> spring (SECCS)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Puccinia recondita</i> (PUCCRE) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
50	PL, RO	Spring rye <i>Secale cereale</i> spring (SECCS)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
51	RO	Triticale spring <i>Triticale sp. spring</i> (TTLSO)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Parastagonospora</i> <i>nodorum</i> (LEPTNO) <i>Puccinia striiformis</i> (PUCCST) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
52	RO	Triticale spring <i>Triticale sp. spring</i> (TTLSO)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
53	CZ, RO, HU	Oats spring <i>Avena sativa</i> (AVESP)	F	<i>Blumeria graminis</i> (ERYSGR) <i>Puccinia coronata</i> var. <i>avenae</i> (PUCCCA)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use- No. (e)	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)	zRMS Conclusion (efficacy)
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max			
				<i>Pyrenophora chaetomioides</i> (PYRNAV)										
54	CZ, RO, HU	Oats spring <i>Avena sativa</i> (AVESP)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
55	CZ, HU, RO	Spelt <i>Triticum spelta</i> (TRZSP)	F	<i>Puccinia recondita</i> (PUCCRE) <i>Puccinia striiformis</i> (PUCCST) <i>Pyrenophora teres</i> (PYRNTE) <i>Rhynchosporium secalis</i> (RHYNSE) <i>Zymoseptoria tritici</i> (SEPTTR) <i>Puccinia triticina</i> (PUCCRT) <i>Blumeria graminis</i> (ERYSGR)	Normal down- ward spraying	BBCH 30 – 61	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		
56	BE, CZ, HU, RO	Spelt <i>Triticum spelta</i> (TRZSP)	F	<i>Fusarium sp.</i> (FUSASP)	Normal down- ward spraying	BBCH 61 – 69	a) 1 b) 1	/	a) 1 b) 1	a) 0.125 b) 0.125	100 - 300	/		

**Remarks table heading:**

(a) e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR)  
(b) Catalogue of pesticide formulation types and international coding system CropLife International Technical Monograph n°2, 6th Edition Revised May 2008  
(c) g/kg or g/l

(d) Select relevant  
(e) Use number(s) in accordance with the list of all intended GAPs in Part B, Section 0 should be given in column 1  
(f) No authorization possible for uses where the line is highlighted in grey, Use should be crossed out when the notifier no longer supports this use.

<b>Remarks columns:</b>	1	Numeration necessary to allow references	7	Growth stage at first and last treatment (BBCH Monograph, Growth Stages of Plants, 1997, Blackwell, ISBN 3-8263-3152-4), including where relevant, information on season at time of application
	2	Use official codes/nomenclatures of EU Member States	8	The maximum number of application possible under practical conditions of use must be provided.
	3	For crops, the EU and Codex classifications (both) should be used; when relevant, the use situation should be described (e.g. fumigation of a structure)	9	Minimum interval (in days) between applications of the same product
	4	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	10	For specific uses other specifications might be possible, e.g.: g/m³ in case of fumigation of empty rooms. See also EPPO-Guideline PP 1/239 Dose expression for plant protection products.
	5	Scientific names and EPPO-Codes of target pests/diseases/ weeds or, when relevant, the common names of the pest groups (e.g. biting and sucking insects, soil born insects, foliar fungi, weeds) and the developmental stages of the pests and pest groups at the moment of application must be named.	11	The dimension (g, kg) must be clearly specified. (Maximum) dose of a.s. per treatment (usually g, kg or L product / ha).
	6	Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench Kind, e.g. overall, broadcast, aerial spraying, row, individual plant, between the plants - type of equipment used must be indicated.	12	If water volume range depends on application equipments (e.g. ULVA or LVA) it should be mentioned under “application: method/kind”.
		13	PHI - minimum pre-harvest interval	
		14	Remarks may include: Extent of use/economic importance/restrictions	