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| REGISTRATION REPORT  Part B  Section 0  Product Background, Regulatory Context and  GAP information |
| Product code: CA3642  Product name(s): Joust Pro  Chemical active substance(s):  Prothioconazole, 150 g/L Azoxystrobin, 150 g/L |
| Central Zone  Zonal Rapporteur Member State: Poland |
| CORE ASSESSMENT  New Authorisation (Art.33) |
| Sponsor: Nufarm Crop Products UK Limited  Applicant: Nufarm Polska Sp. z o. o.  Submission date: 01/02/2023, update March 2023  MS Finalisation date: May 2024 (initial Core Assessment)  October 2024, update December 2024,  September 2025 (final Core Assessment) |

Version history

|  |  |
| --- | --- |
| When | What |
| February 2023 | First submission |
| March 2023 | Additional information about the GAP included by cMS Germany are highlighted in yellow. |
| May 2024 | Initial zRMS assessment  The report in the dRR format has been prepared by the Applicant, therefore all comments, additional evaluations and conclusions of the zRMS are presented in grey commenting boxes. Minor changes are introduced directly in the text and highlighted in grey. Not agreed or not relevant information are ~~struck through~~ and shaded for transparency.  Following the evaluation and before sending the document for commenting, all coloured highlighting was removed, from the parts updated by the Applicant, for better legibility. |
| October 2024 | Final report (Core Assessment updated following the commenting period)  Additional information/assessments included by the zRMS in the report in response to comments received from the cMS and the Applicant are highlighted in yellow. Not agreed or not relevant information are ~~struck through~~ and shaded for transparency. |
| December 2024 | Final report (Core Assessment updated following the second commenting period)  No additional information or assessments after the commenting period. |
| September 2025 | Final report (Core Assessment updated following the amendments made to efficacy section BRSNW/SCLESC only for the attention of PL as cMS)  Additional assessment included by the zRMS in the report is highlighted in pink. Not agreed or not relevant information are ~~struck through~~ and shaded for transparency. |

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# Product background, regulatory context and GAP information

## Introduction

This dossier is submitted in accordance with Articles 33 of Regulation (EC) No. 1107/2009 to support the first zonal authorisation of the product Joust Pro (Developmental Code CA3642), a suspension concentrate (SC) formulation containing prothioconazole 150 g/L and azoxystrobin 150 g/L.

CA3642 is a fungicide with protective and curative mode of actions that it is intended to be used against a number of foliar and ear diseases.

The dossier is submitted to Poland who acts as zRMS for the Central zone. Greece acts as zRMS for the Southern zone and Latvia as zRMS for the Northern zone.

### Reason for application

This application is submitted to support the new proposed product CA3642, containing prothioconazole 150 g/L and azoxystrobin 150 g/L to be used on cereals, oilseed rape and various minor crops for the control of many fungal diseases.

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, as clarified by the guidance on botanical active substances, [SANCO/11470/2012 rev.8 20 March 2014](https://ec.europa.eu/food/sites/food/files/plant/docs/pesticides_ppp_app-proc_guide_doss_botanicals-rev-8.pdf) .

### 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) |
| --- | --- | --- |
| Northern zone | Latvia | Estonia, Lithuania, Finland, Sweden, Norway |
| Central zone | Poland | Austria, Belgium, Czech Republic, Germany, Ireland, Luxembourg, Hungary, Netherlands, Romania, Slovakia, and Northern Ireland |
| Southern zone | Greece | Bulgaria, Spain, France, Italy, Croatia and Portugal |
| Inter-zonal | - | - |

### Regulatory history of the active(s)

#### Prothioconazole

| Status |  |
| --- | --- |
| Approved in EU | Y |
| Original Inclusion Directive  or  Commission Implementing Regulation | Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011;  Commission Implementing Regulation (EU) No 2022/708 of 5 May 2022 |
| RMS | United Kingdom / Poland |
| Date of Approval of Active Substance (date of Regulation to be applied) | 01/08/2008 |
| Current expiration of approval | ~~31/07/2023~~ 15/08/2025 |
| Low risk substance or Candidate for Substitution? | N |

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 operator safety in spray applications. Conditions of use should include adequate protective measures.
* The protection of aquatic organisms. Risk mitigation measures such as buffer zones should be applied, where appropriate.
* The protection of birds and small mammals. Risk mitigation measures should be applied, where appropriate.

The SANCO report for prothioconazole (SANCO/3923/07– 10 December 2007) 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 12 July 2007.

**Table 0.1‑2: Information on minimum purity of prothioconazole**

| 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 \*, \*\* |
| --- | --- |
| ≥970 g/kg | All information on prothioconazole sources Nufarm is using for the product is available in Part C. |

\* 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.

The following table provides the endpoints used in the evaluation in the case that they deviate from EU endpoints.

|  |  |  |
| --- | --- | --- |
| **Endpoint** | **Prothioconazole and its metabolites** | |
| **EU agreed endpoint from EFSA scientific report** | **Endpoint used** |
| Ecotoxicology | EFSA Sci. Report. 2007; 106, 1-98 – active substance and metabolite endpoints used | Additionally, end points sources from studies performed with CA3642, were used in the risk assessment - Refer to section B9 |
| EFSA Sci. Report. 2007; 106, 1-98:  Prothioconazole Short-term, dietary:  Bobwhite quail (*Colinus virginianus*) = LC50 >5000 mg a.s./kg diet | In addition the following calculated end point was considered:  Bobwhite quail (*Colinus virginianus*) = LD50 >1413 mg a.s./kg bw/day |

| Endpoint | Metabolite: Prothioconazole-S-methyl | |
| --- | --- | --- |
| EU agreed endpoint from EFSA scientific report (2007) | Endpoint used\* |
| Kfoc (modelling endpoint) | 2556.3  (arithmetic mean, n=4) | 2525.9  (geometric mean, n=4) |

\* Current FOCUS/EFSA guidance uses geometric means. EU member states have varying requirements for the recalculation of geometric means in cases where older EFSA conclusions have used an arithmetic mean. The applicant has chosen to use geometric means, as these provide a more conservative endpoint (higher soil mobility)

| Endpoint | Metabolite: Prothioconazole-desthio | |
| --- | --- | --- |
| EU agreed endpoint from EFSA scientific report (2007) | Endpoint used\* |
| Kfoc (modelling endpoint) | 575.4  (arithmetic mean, n=4) | 573.5  (geometric mean, n=4) |

\* Current FOCUS/EFSA guidance uses geometric means. EU member states have varying requirements for the recalculation of geometric means in cases where older EFSA conclusions have used an arithmetic mean. The applicant has chosen to use geometric means, as these provide a more conservative endpoint (higher soil mobility)

| Endpoint | Metabolite: 1,2,4-Triazole | |
| --- | --- | --- |
| EU agreed endpoint from EFSA scientific report (2007) | Endpoint used\* |
| Kfoc (modelling endpoint) | 89 (arithmetic mean, n=4) | 83 (geometric mean, n=4) |

\* Current FOCUS/EFSA guidance uses geometric means. EU member states have varying requirements for the recalculation of geometric means in cases where older EFSA conclusions have used an arithmetic mean. The applicant has chosen to use geometric means, as these provide a more conservative endpoint (higher soil mobility)

#### Azoxystrobin

| Status |  |
| --- | --- |
| Approved in EU | Y |
| Original Inclusion Directive  or  Commission Implementing Regulation | Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011;  Commission Implementing Regulation (EU) No 2019/291 of 19 September 2019 |
| RMS | Austria |
| Date of Approval of Active Substance (date of Regulation to be applied) | 01/01/2012 |
| Current expiration of approval | 31/12/2024 |
| Low risk substance or Candidate for Substitution? | N |

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 specification of the technical material as commercially manufactured must be confirmed and supported by appropriate analytical data. The test material used in the toxicity dossiers should be compared and verified against this specification of the technical material;
* the potential for groundwater contamination, when the active substance is applied in regions with vulnerable soil and/or climatic conditions;
* the protection of aquatic organisms. The Member States must ensure that the conditions of authorisation include risk mitigation measures, where appropriate, such as buffer zones.

The SANCO report for azoxystrobin (SANCO/11027/2011 Rev2– 17 June 2011) 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 15.04.2010 and 10.12.2014 (confirmatory data).

**Table 0.1‑3: Information on minimum purity of azoxystrobin**

| 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 \*, \*\* |
| --- | --- |
| ≥930 g/kg | All information on prothioconazole sources Nufarm is using for the product is available in Part C. |

\* 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.

The following table provides the endpoints used in the evaluation in the case that they deviate from EU endpoints.

|  |  |  |
| --- | --- | --- |
| **Endpoint** | **Azoxystrobin and its metabolites** | |
| **EU agreed endpoint from EFSA scientific report** | **Endpoint used \*** |
| Ecotoxicology endpoints | EFSA Journal 2010; 8(4):1542 for azoxystrobin and its metabolites | Additionally, end points sources from studies performed with CA3642, were used in the risk assessment - Refer to section B9 |
| **Kfoc** | 423 (arithmetic mean, n=6) | 392 (geometric mean, n=6) |

\* Current FOCUS/EFSA guidance uses geometric means. EU member states have varying requirements for the recalculation of geometric means in cases where older EFSA conclusions have used an arithmetic mean. The applicant has chosen to use geometric means, as these provide a more conservative endpoint (higher soil mobility)

| Endpoint | Metabolite: R234886 | |
| --- | --- | --- |
| EU agreed endpoint from EFSA scientific report (2007) | Endpoint used\* |
| Kfoc (modelling endpoint) | acidic soil: 228.4 (arithmetic mean, n=8)  alkaline soils: 36.7 (arithmetic mean, n=7) | acidic soil: 176.6 (geometric mean, n=8)  alkaline soils: 34.8 (geometric mean, n=7) |

\* Current FOCUS/EFSA guidance uses geometric means. EU member states have varying requirements for the recalculation of geometric means in cases where older EFSA conclusions have used an arithmetic mean. The applicant has chosen to use geometric means, as these provide a more conservative endpoint (higher soil mobility)

| Endpoint | Metabolite: R401553 | |
| --- | --- | --- |
| EU agreed endpoint from EFSA scientific report (2007) | Endpoint used\* |
| Kfoc (modelling endpoint) | 188 (arithmetic mean, n=4) | 143 (geometric mean, n = 6) |

\* Current FOCUS/EFSA guidance uses geometric means. EU member states have varying requirements for the recalculation of geometric means in cases where older EFSA conclusions have used an arithmetic mean. The applicant has chosen to use geometric means, as these provide a more conservative endpoint (higher soil mobility)

### Regulatory history of the product

Not relevant as the product has not yet been authorised

## zRMS conclusion

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| --- |
| See column 15 of the GAP table presented in Appendix 1 of this document. |

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

|  |
| --- |
| See column 15 of the GAP table presented in Appendix 1 of this document. |

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

|  |
| --- |
| See column 15 of the GAP table presented in Appendix 1 of this document. |

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 column 15 of the GAP table presented in Appendix 1 of this document. |

All uses/ GAPs are covered by established MRLs.

1. ALL intended uses

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Representative product:** | | | | **CA3642** | | | | | | | Formulation type: | | | | SC (a, b) | | | | | | | | | |
| Active substance 1: | | | | prothioconazole | | | | | | | Conc. of as 1: | | | | 150 g/L (c) | | | | | | | | | |
| Active substance 2: | | | | azoxystobin | | | | | | | Conc. of as 2: | | | | 150 g/L (c) | | | | | | | | | |
| Zone(s): | | | | central | | | | | | | Professional use: | | | | yes | | | | | | | | | |
| Verified by MS: | | | | no | | | | | | | Non professional use: | | | | no | | | | | | | | | |
| Field of use: | | | | fungicide | | | | | | |  | | | |  | | | | | | | | | |
| **1** | **2** | **3** | **4** | | **5** | **6** | **7** | **8** | **9** | **10** | | **11** | **12** | **13** | | **14** | **15** | | | | | | | | |
| **Use-No.** | **Regulatory region** | **Crop and/ or situation**  (crop destination / purpose of crop) | **F, Fn, Fpn G, Gn, Gpn or I** | | **Pests or Group of pests controlled**  (additionally: developmental stages of the pest or pest group) | **Application** | | | | **Application rate** | | | | **PHI** (days) | | **Remarks:**  e.g. g safener/  synergist  per ha | **zRMS Conclusion** | | | | | | | | |
| **Method / Kind** | **Timing / Growth stage of crop & season** | **Max. number**  a) per use  b) per crop/ season | **Min. interval between applications**  (days) | **L product / ha**  a) max. rate per appl.  b) max. total rate per crop/season | | **g as/ha**  a) max. rate per appl.  b) max. total rate per crop/season | **Water L/ha**  min / max | Phys-chem | Analytical methods | Toxicology | Residues | Groundwater | Ecotoxicology | Relevance of metabolites in groundwater | Efficacy | |
| **Zonal uses (field or outdoor uses, certain types of protected crops)** | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | AT | Wheat (winter & spring)  (TRZAW&  TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/Pseudocercosporellaherpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| A  Remaining  species | N  PYRNTR  FUSASP  LEPTNO  PSDCHE  MICDSP  All disease pathogens in spring wheat, spelt  Spring wheat, spelt-possible authorization based on the art. 51-minro uses | |
| C  ~~PYRNTR~~  ~~FUSASP~~  All disease pathogens in ~~spring wheat, spelt,~~ einkorn wheat, emmer wheat and tritordeum | |
|  | BE | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| A  Remaining  species | N  LEPTNO  PSDCHE  MICDSP | |
| C  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
|  | CZ | Wheat (winter & spring) (TRZAW&TRZAS)    Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| A  Remaining  species | N  LEPTNO  PSDCHE  MICDSP | |
| C  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
|  | DE | Wheat (winter & spring) (within the group of wheat included: spelt, einkorn wheat, emmer wheat, durum wheat) (TRZAW&TRZAS, TRZSP, TRZMO, TRZDI, TRZDU)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici* (SEPTTR)  Glume blotch  *Septoria nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita f. sp. tritici* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST)/PUCCSI  Powdery mildew  *Erysiphe graminis* (ERYSGR)  Tan Spot  *Drechslera tritici-repentis* (PYRNTR)  ~~Head blight of cereals~~  *~~Microdochium spp.~~* ~~(MICDSP)~~ | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| N  PYRNTR  LEPTNO | |
| A  Remaining  species |
|  | DE | Wheat (winter & spring) (within the group of wheat included: spelt, einkorn wheat, emmer wheat, durum wheat)  (TRZAW&TRZAS, TRZSP, TRZMO, TRZDI, TRZDU)  Tritordeum (TTOSS) | F | | Head blight of cereals  *Microdochium spp.* (MICDSP)  Fusarium ear blight  *Fusarium spp.* (FUSASP) | foliar spray | BBCH 61 – 69  (spring) | a) 1  b) 2 | N/A | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | |  | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | DE | Wheat (winter & spring) (within the group of wheat included: spelt, einkorn wheat, emmer wheat, durum wheat) (TRZAW&TRZAS, TRZSP, TRZMO, TRZDI, TRZDU)  Tritordeum (TTOSS) | F | | *Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 32  (spring) | a) 1  b) 2 | N/A | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | |  | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | HU | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporellaherpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications  This product has only moderate efficacy against PUCCRT/PUCCRE). | A | A | A | A | A | R  Aquatics | A | A  SEPTTR, PUCCRT  ERYSGR | |
| N  LEPTNO  PSDCHE  MICDSP | |
| C  PUCCST  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
| A  Remaining  species |
|  | IE | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)    Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| A  Remaining  species | N  LEPTNO  PSDCHE  MICDSP | |
| C  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
|  | LU | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| N  LEPTNO  PSDCHE  MICDSP | |
| A  Remaining  species | C  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
|  | NL | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| A  Remaining  species | N  LEPTNO  PSDCHE  MICDSP | |
| C  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
|  | NI | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  PUCCST  ERYSGR | |
| N  LEPTNO  PSDCHE  MICDSP | |
| C  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
| A  Remaining  species |
|  | PL | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  ERYSGR  PUCCRT  PYRNTR | |
| A  Remaining  species |
| N  PUCCST  FUSASP  LEPTNO  PSDCHE  MICDSP  All pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum (possible authorization based on the art. 51-minor uses, excluding spring wheat) | |
|  | RO | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  ERYSGR | |
| N  LEPTNO  PSDCHE  MICDSP | |
| C  PUCCST  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
| A  Remaining  species |
|  | SK | Wheat (winter & spring) (TRZAW&TRZAS)  Spelt (TRZSP)  Einkorn wheat (TRZMO)  Emmer Wheat (TRZDI)  Tritordeum (TTOSS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Yellow Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Eyespot  *Oculimacula acuformis/ Pseudocercosporella herpotrichoides* (PSDCHE)  Tan Spot  *Pyrenophora tritici-repentis* (PYRNTR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCRT  ERYSGR | |
| N  LEPTNO  PSDCHE  MICDSP | |
| C  PUCCST  PYRNTR  FUSASP  All disease pathogens in spring wheat, spelt, einkorn wheat, emmer wheat and tritordeum | |
| A  Remaining  species |
|  | AT | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  PUCCST/PUCCSI  ERYSGR/ERYSGT | |
| N  PUCCRT  FUSASP  MICDSP  All pathogens in spring durum wheat  Spring durum-possible authorization based on the art. 51-minor uses | |
| A  Remaining  species |
|  | BE | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| A  Remaining  species | C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
|  | CZ | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| A  Remaining  species | N  PUCCRT  FUSASP  MICDSP | |
| C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
|  | HU | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications  Minor crop | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
| A  Remaining  species |
|  | IE | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| A  Remaining  species | C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
|  | LU | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
| A  Remaining  species |
|  | NL | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
| A  Remaining  species |
|  | NI | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
| A  Remaining  species |
|  | PL | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | N  possible authorization based on the art. 51 – minor uses | |
| A  Remaining  species |
|  | RO | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
| A  Remaining  species |
|  | SK | Durum Wheat (TRZDU) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT)  Yellow/stripe Rust  *Puccinia striiformis* (PUCCST/PUCCSI)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGT)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT  FUSASP  MICDSP | |
| C  PUCCSI  ERYSGT  All pathogens in spring durum wheat | |
| A  Remaining  species |
|  | AT | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  RHYNSE  FUSASP  MICDSP | |
| C  PUCCRT/PUCCRE  ~~RHYNSE~~  PUCCST  LEPTNO  ERYSGR  All pathogens in spring triticale  Spring triticale-possible authorization based on the art. 51-minor uses | |
| A  Remaining  species |
|  | BE | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  FUSASP  MICDSP | |
| A  Remaining  species | C  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR  All pathogens in spring triticale | |
|  | CZ | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  FUSASP  MICDSP | |
| C  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR  All pathogens in spring triticale | |
| A  Remaining  species |
|  | DE | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola ~~Septoria tritici~~* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticinaPuccinia recondite f. sp. tritici* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Septoria nodorum* (LEPTNO)  Powdery mildew  *Erysiphe graminis* (ERYSGR)  ~~Head blight of cereals~~  *~~Fusarium spp.~~* ~~(FUSASP)~~  *~~Microdochium spp.~~* ~~(MICDSP)~~ | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  PUCCRT/PUCCRE  RHYNSE  PUCCST  ERYSGR  LEPTNO | |
| A  Remaining  species |
|  | DE | Triticale  (winter & spring)  (TTLWI&  TTLSO) | F | | Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp*. (MICDSP) | foliar spray | BBCH 61 – 69  (spring) | a) 1  b) 2 | N/A | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | |  | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | HU | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR | |
| A  Remaining  species | N  FUSASP  MICDSP | |
|  | IE | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  FUSASP  MICDSP | |
| C  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR  All pathogens in spring triticale | |
| A  Remaining  species |
|  | LU | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  FUSASP  MICDSP | |
| C  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR  All pathogens in spring triticale | |
| A  Remaining  species |
|  | NL | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  FUSASP  MICDSP | |
| C  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR  All pathogens in spring triticale | |
| A  Remaining  species |
|  | NI | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR | |
| N  FUSASP  MICDSP | |
| C  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR  All pathogens in spring triticale | |
| A  Remaining  species |
|  | PL | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  SEPTTR  RHYNSE  ERYSGR | |
| N  PUCCRT/PUCCRE  PUCCST  LEPTNO  FUSASP  MICDSP  All disease pathogens in spring triticale | |
| A  Remaining  species |
|  | RO | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR | |
| A  Remaining  species | N  FUSASP  MICDSP | |
|  | SK | Triticale  (winter & spring) (TTLWI&TTLSO) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Brown Rust  *Puccinia recondita*  *Puccinia triticina* (PUCCRT/PUCCRE)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Yellow Rust  *Puccinia striiformis* (PUCCST)  Glume blotch  *Stagonospora nodorum* (LEPTNO)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  PUCCRT/PUCCRE  RHYNSE  PUCCST  LEPTNO  ERYSGR | |
| A  Remaining  species | N  FUSASP  MICDSP | |
|  | AT | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  PUCCRE/PUCCRR | |
| A  Remaining  species | N  RHYNSE  ERYSGR  FUSASP  PSDCHE  MICDSP  All disease pathogens in spring rye  Spring rye-possible authorization based on the art. 51-minor uses | |
|  | BE | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | CZ | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | DE | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Septoria tritici* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Crown Rust  Puccinia *recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Powdery mildew  *Blumeria graminis* (ERYSGR)  ~~Head blight of cereals~~ | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | DE | Rye  (winter & spring) (SECCW&SECCS) | F | | Head blight of cereals  *Fusarium spp. (FUSASP)*  *Microdochium spp. (MICDSP)* | foliar spray | BBCH ~~30~~ 61 – 69  (spring) | a) ~~2~~ 1  b) 2 | N/A | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | DE | Rye  (winter & spring)  (SECCW&  SECCS) | F | | *Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 32  (spring) | a) 1  b) 2 | N/A | a) 1.4  b) 2.8 | | a) 420  (210+210)  b) 840  (420+420) | 150-400 | 35 | |  | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | HU | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | IE | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | LU | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | NL | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | NI | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | PL | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCRR/  PUCCRE  RHYNSE | |
| N  SEPTTR  ERYSGR  FUSASP  PSDCHE  MICDSP  All disease pathogens in spring rye (possible authorization based on the art. 51 -minor uses) | |
| A  Remaining  species |
|  | RO | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | SK | Rye  (winter & spring) (SECCW&SECCS) | F | | Septoria leaf spot  *Zymoseptoria tritici*  *Mycosphaerella graminicola* (SEPTTR)  Leaf blotch  *Rhynchosporium secalis* (RHYNSE)  Brown rust  *Puccinia recondita/* *Puccinia recondita f. sp. recondita* (PUCCRE/PUCCRR)  Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE)  Powdery mildew  *Blumeria graminis* (ERYSGR)  Head blight of cereals  *Fusarium spp.* (FUSASP)  *Microdochium spp.* (MICDSP) | foliar spray | BBCH 30 – 69  (spring) | a) 2  b) 2 | 14-21 | a) 1.2-1.4  b) 2.4-2.8 | | a) 360-420  (180+180 – 210+210)  b) 720-840  (360+360 – 420+420) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  SEPTTR  RHYNSE  PUCCRE/  PUCCRR  ERYSGR  FUSASP | |
| A  Remaining  species | N  PSDCHE  MICDSP | |
|  | AT | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | N  ERYSGA  PUCCCO/PUCCCA  PYRNAV  PSDCHE  All disease pathogens in winter oats  Winter oats-possible authorization based on the art.51-minor uses | |
| A  Remaining  species |
|  | BE | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | CZ | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | DE | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 150-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | DE | Oat (winter & spring)  (AVESW&  AVESP) | F | | Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 32  (spring) | a) 1  b) 2 | N/A | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 150-400 | 35 | |  | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | HU | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | IE | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | LU | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | NL | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | NI | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | PL | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | RO | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | SK | Oat (winter & spring) (AVESW&AVESP) | F | | Crown Rust  *Puccinia coronata* (PUCCCO/PUCCCA)  Powdery mildew  *Blumeria graminis f.sp. avenae* (~~ERYSGR~~ ERYSGA)  Leaf spot of oat  *Pyrenophora chaetomioides* (PYRNAV)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | C  PUCCCO/  PUCCCA  ERYSGA  PYRNAV | |
| A  Remaining  species | N  PSDCHE | |
|  | AT | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE | |
| N  PSDCHE | |
| C  ERYSGH | |
| A  Remaining  species |
|  | BE | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE | |
| N  PSDCHE | |
| A  Remaining  species | C  ERYSGH | |
|  | CZ | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis/Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE | |
| N  PSDCHE | |
| A  Remaining  species | C  ERYSGH | |
|  | DE | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE )  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 150-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE  ERYSGH | |
| A  Remaining  species |
|  | DE | Barley (winter & spring) (HORVW&HORVS) | F | | Eyespot  *Pseudocercosporella herpotrichoides* (PSDCHE) | foliar spray | BBCH 30 – 32  (spring) | a) 1  b) 2 | N/A | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 150-400 | 35 | |  | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | HU | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporellaherpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications  The product has only moderate efficacy against PYRNTE. | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC (winter)  RHYNSE (spring) | |
| N  PSDCHE | |
| A  Remaining  species | C  ERYSGH  RAMUCC (spring)  RHYNSE (winter) | |
|  | IE | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE | |
| N  PSDCHE | |
| C  ERYSGH | |
| A  Remaining  species |
|  | LU | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE | |
| N  PSDCHE | |
| C  ERYSGH | |
| A  Remaining  species |
|  | NL | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE | |
| N  PSDCHE | |
| C  ERYSGH | |
| A  Remaining  species |
|  | NI | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC  RHYNSE | |
| N  PSDCHE | |
| C  ERYSGH | |
| A  Remaining  species |
|  | PL | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A | |
| A  Remaining  species | N  PSDCHE | |
|  | RO | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC (winter)  RHYNSE (spring) | |
| N  PSDCHE | |
| C  ERYSGH  RAMUCC (spring)  RHYNSE (winter) | |
| A  Remaining  species |
|  | SK | Barley (winter & spring) (HORVW&HORVS) | F | | Leaf spot of Barley  *Ramularia collo-cygni* (RAMUCC)  Eyespot  *Oculimacula acuformis Pseudocercosporella herpotrichoides* (PSDCHE)  Brown Rust  *Puccinia hordei* (PUCCHD)  Powdery mildew  *Blumeria graminis* (ERYSGR/ERYSGH)  Leaf Blotch  *Rhynchosporium secalis* (RHYNSE)  Net Blotch  *Pyrenophora teres* (PYRNTE) | foliar spray | BBCH 30 – 61  (spring) | a) 2  b) 2 | 14-21 | a) 1.0  b) 2.0 | | a) 300  (150+150)  b) 600  (300+300) | 100-400 | 35 | | 1-2 applications | A | A | A | A | A | R  Aquatics | A | A  PUCCHD  PYRNTE  RAMUCC (winter)  RHYNSE (spring) | |
| N  PSDCHE | |
| C  ERYSGH  RAMUCC (spring)  RHYNSE (winter) | |
| A  Remaining  species |
|  | AT | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinerea* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | | Only for ALTEBA and SCLESC: BBCH 60-69 | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| N  BOTRCI  ERYSCR  PYRPBR | |
| A  Remaining  species | C  SCLESC  ~~ERYSCR~~  ALTEBA  ~~PYRPBR~~  ~~BOTRCI~~ | |
|  | BE | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinerea* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| A  Remaining  species | C  SCLESC  ERYSCR  ALTEBA  PYRPBR  BOTRCI | |
|  | CZ | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinerea* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| A  Remaining  species | C  SCLESC  ERYSCR  ALTEBA  PYRPBR  BOTRCI | |
| 1. a | DE | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Light leaf spot  *Cylindrosporium concentricum* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.2  b) 1.2 | | a) 360  (180+180)  b) 360  (180+180) | 150-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| C  ERYSCR  PYRPBR  BOTRCI | |
| A  Remaining  species |
| 82b | DE | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Light leaf spot  *Cylindrosporium concentricum* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn) | a) 1  b) 1 | N/A | a) 1.0  b) 1.0 | | a) 300  (150+150)  b) 300  (150+150) | 150-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA | |
| A  Remaining  species | N  ERYSCR  PYRPBR  BOTRCI | |
| 82c | DE | Winter Oilseed Rape (BRSNW) | F | | Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA) | foliar spray | BBCH 61 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.2  b) 1.2 | | a) 360  (180+180)  b) 360  (180+180) | 150-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | N | |
| A  Remaining  species |
|  | HU | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application)  SCLESC (spring)  ERYSCR (spring)  ALTEBA (spring) | |
| C  BOTRCI  PYRPBR | |
| A  Remaining  species |
|  | IE | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| C  SCLESC  ERYSCR  ALTEBA  PYRPBR  BOTRCI | |
| A  Remaining  species |
|  | LU | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| C  SCLESC  ERYSCR  ALTEBA  PYRPBR  BOTRCI | |
| A  Remaining  species |
|  | NL | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| C  SCLESC  ERYSCR  ALTEBA  PYRPBR  BOTRCI | |
| A  Remaining  species |
|  | NI | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application) | |
| C  SCLESC  ERYSCR  ALTEBA  PYRPBR  BOTRCI | |
| A  Remaining  species |
|  | PL | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH ~~20~~ 30 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application)  ALTEBA (spring)  SCLESC (spring) | |
| A  Remaining  species |
| N  ~~SCLESC~~  ERYSCR  PYRPBR  BOTRCI | |
|  | RO | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application)  SCLESC (spring)  ERYSCR (spring)  ALTEBA (spring) | |
| C  BOTRCI  PYRPBR | |
| A  Remaining  species |
|  | SK | Winter Oilseed Rape (BRSNW) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | A  LEPTMA (autumn timing of application)  SCLESC (spring)  ERYSCR (spring)  ALTEBA (spring) | |
| A  Remaining  species | C  BOTRCI  PYRPBR | |
| **Minor uses according to Article 51 (zonal uses)** | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | AT | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | BE | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | CZ | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | DE | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Cylindrosporium concentricum* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.2  b) 1.2 | | a) 360  (180+180)  b) 360  (180+180) | 150-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | HU | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | IE | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | LU | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | NL | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | NI | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | PL | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | RO | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | SK | Spring Oilseed Rape (BRSNS) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR)  Grey mould  *Botryotinia cinera* (BOTRCI) | foliar spray | BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | PL | Sunflower (HELAN) | F | | Sclerotinia Stem rot  *Sclerotinia sclerotiorum (*SCLESC)  Grey mould  *Botryotinia cinera* (BOTRCI)Stalk rot of sunflower  *Diaporthe helianthi* (DIAPHE)  Black stem of Sunflower  *Plenodomus lindquistii* (LEPTLI) | foliar spray | BBCH 16– 64  (spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 240-360  (120+120 – 180+180)  b) 240-360  (120+120 – 180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | BE | Flax (for fiber production only) (LIUUT) | F | | Powdery mildew flax  *Erysiphe spp* (ERYSPP) | Foliar spray | BBCH 33 – 51 | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | N/A | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | AT | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | BE | Linseeds, Poppy, Mustard and Gold of pleasure  (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | CZ | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
| 1. a | DE | Seed bearing plans: Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Cylindrosporium concentricum* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.2  b) 1.2 | | a) 360  (180+180)  b) 360  (180+180) | 150-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
| 108.b | DE | Seed bearing plans: Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Cylindrosporium concentricum* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn) | a) 1  b) 1 | N/A | a) 1.0  b) 1.0 | | a) 300  (150+150)  b) 300  (150+150) | 150-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | HU | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | IE | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | LU | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | NL | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | NI | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | PL | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | RO | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |
|  | SK | Linseeds, Poppy, Mustard and Gold of pleasure (LIUUT, ANMCO, SINAL, CMASA) | F | | Phoma leaf spot/stem canker  *Leptosphaeria maculans* (LEPTMA)  Sclerotinia stem rot  *Sclerotinia sclerotiorum* (SCLESC)  Powdery mildew  *Erysiphe cruciferarum* (ERYSCR)  Alternaria leaf spot  *Alternaria brassicae* (ALTEBA)  Light leaf spot  *Pyrenopeziza brassicae* (PYRPBR) | foliar spray | BBCH 14 – 18  (Autumn)  or  BBCH 20 – 69  (Spring) | a) 1  b) 1 | N/A | a) 1.0-1.2  b) 1.0-1.2 | | a) 300 - 360  (150+150-180+180)  b) 300 - 360  (150+150-180+180) | 100-400 | 56 | |  | A | A | A | A | A | R  Aquatics | A | n.r. | |
| A  Remaining  species |

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| --- | --- | --- | --- |
| 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 |  |  |
|  |  |  |  |
| Remarks  columns: | 1 Numeration necessary to allow references  2 Use official codes/nomenclatures of EU regulatory regions  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)  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  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.  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. |  | 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  8 The maximum number of application possible under practical conditions of use must be provided.  9 Minimum interval (in days) between applications of the same product  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.  11 The dimension (g, kg) must be clearly specified. (Maximum) dose of a.s. per treatment (usually g, kg or L product / ha).  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  15 Overall conclusions - explanation for the column 15 is below \* |

\* Explanation for column 15 “Overall conclusions”

|  |  |
| --- | --- |
| A | Acceptable |
| R | Acceptable with further restriction |
| C | To be confirmed by cMS |
| N | Not acceptable / evaluation not possible |
| n.r. | Not relevant |