

**BRIDGING TRIALS**  
**SUPPLEMENTARY EFFICACY DATA**  
**Part B**  
**Section 3**  
**Efficacy Data and Information**

Product code: ADM.3304.H.1.A

Product name: TRICERA

Chemical active substance:

2,4-D, 375 g/L (562.5 g/L as 2,4-D EHE)

Clopyralid, 30 g/L

Fluroxypyr, 75 g/L

Central Zone

Zonal Rapporteur Member State: Poland

**BRIDGING AND SUPPLEMENTARY EFFICACY DATA**  
(composition change)

Sponsor: ADAMA Agan Ltd.

Applicant: ADAMA Polska Sp. z o.o.

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November 2022, updated March 2023, October 2023  
(final Core Assessment)

### Version history

When	What
February 2021	dRR Section 3, version 1 submitted by applicant
December 2021	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 <b>highlighted in grey</b> . Not agreed or not relevant information are <del>struck through and shaded for transparency</del> .
November 2022	Final report (Core Assessment updated following the commenting period).  No additional information or assessments after the commenting period.
March 2023	Final report (Core Assessment updated following the Applicant's comments).  Additional information/assessments included by the zRMS in the report in response to comments received from the Applicant are <b>highlighted in green</b> . Information no longer relevant <del>is struck through and shaded</del> .
October 2023	Auto-correction by zRMS, excluding uses in TTLSO, TTLWI and SECCS, for which the selectivity data package is insufficient (amendments in the GAP table and in the zRMS comments in abstract (p. 5) and in comm. box following the selectivity chapter, p. 77).  Additional information included by the zRMS in the report are <b>highlighted in yellow</b> . Information no longer relevant <del>is struck through</del> and shaded.

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### 3 Efficacy Data and Information (including Value Data) on the Plant Protection Product (KCP 6)

#### 3.1 Summary and conclusions of zRMS on Section 3: Efficacy (KCP 6)

##### Abstract by zRMS

##### Introduction

The dRR submitted hereby represents the supplementary, bridging dossier between the **ADM.3304.H.1.A.** (formulation after composition changes aimed at improvement of long-term stability of the product) and the AG-CDF1-480 EC (formulation before the changes). The dossier contains **45** efficacy trials and **31** selectivity trials. The present submission followed closely the 2019 submission of the core dossier, the one concerned with the original AG-CDF1-480 EC formulation and containing the main load of the efficacy data (90 trials), in spite of the evaluation of the core being still in progress at that time, in February 2020. The concise explanation of the situation is provided by the applicant in the Introduction to Efficacy data (3.2) chapter, following the GAP table. For detailed info on the composition change please refer to Part C of the present dossier.

Similar to AG-CDF1-480 EC, the **ADM.3304.H.1.A.** is a post emergence herbicide, targeting a range of broad-leaved weeds in winter and in spring cereals as well as in grassland. Like AG-CDF1-480 EC, the ADM.3304.H.1.A. is a **new product**, an emulsifiable concentrate formulation containing 375 g/L 2,4-D (equivalent to 562.5 g/L 2,4-D EHE), 30 g/L Clopyralid and 75 g/L Fluroxypyr (equivalent to 108 g/L Fluroxypyr-mepthyl). All three actives are auxin mimics, belonging to group no. 4 HRAC (2021).

As the result of the sequential submission of the core and the bridging dossiers, these two parts became interdependent. Although the core provides 90 efficacy trials overall, it deals with the AG-CDF1-480 EC formulation that had been abandoned, for technical issues. On the other hand, the present bridging is not a stand-alone dossier, because **it makes references not to the product** already authorized (as should be the case), **but to another submission**, that has been, hitherto, suspended: the one of AG-CDF1-480 EC. That is why, although initially evaluated separately, both dossiers are regarded as mutually indispensable for the authorization of the final product **under ADM.3304.H.1.A code**, and the cross-references between them are inevitable. By the same token, the joint conclusions based on AG-CDF1-480 EC and ADM.3304.H.1.A data seem justified and this approach made it possible to re-classify susceptibility of some target weeds, and in the case of NE EPPO zone - to authorize the uses in cereals, previously non-supported by the core data set (see below). With all this in view, the combined (core + bridging) dossier is still considered as submission following the **art. 33** of the regulation (EC) No 1107/2009.

Independently of proving the efficacy equivalence between ADM.3304.H.1.A and AG-CDF1-480 EC, the bridging trials also compare ADM.3304.H.1.A to zonal and national standards, thereby potentially serving as classical efficacy trials too.

In the core dossier (AG-CDF1-480 EC), 19 out of the total 90 efficacy trials had been carried out in grassland and the remaining 71 – in cereals. Grassland trials cover mostly Maritime EPPO zone (NL + UK, 11 + 6 trials), or are located outside the Central EU zone (LT, 2 trials). In cereals, 50 trials cover Maritime zone alone, and 21 were carried out in the SE EPPO zone. There is no single trial in cereals from the NE EPPO zone.

There are **45 efficacy trials** available **in the bridging dossier**, including 41 trials in cereals: 29 in the Maritime EPPO zone, and by 6 trials in each one of the SE and the NE EPPO zones, all the 6 NE zone trials carried out in Poland. Only 4 trials out of the 45 cover grassland uses, all of them in the Maritime zone still (DE, NL).

##### MED and EFFICACY

The minimum effective dose and efficacy have been addressed in **26 trials in spring cereals**, including 2 trials - in wheat and in barley - in the North-Eastern zone (in Poland), and in **15 trials in winter cereals**, including 4 trials in wheat (4 cultivars) in the North-Eastern zone (in Poland).

The amended formulation ADM.3304.H.1.A can be claimed comparable to its predecessor AG-CDF1-480 EC both in the extent of dose response, and in the efficacy at its target dose rate. The dose rate of **2,0 L/ha** of ADM.3304.H.1.A can be considered its minimum effective dose rate, similar to AG-CDF1-480 EC. Weed susceptibility classification has not changed considerably after review of the bridging data, compared to the one resulting from the core dossier alone. Efficacy conclusions from the bridging data are summarized in the **Table 3.2.3-19**, while the combined dossier conclusions have been presented in **Table 3.2.3-20** that follows, embedded as excel spreadsheet, **page 65**.

##### Adverse effects on the treated crops

In the **core** dossier, crop safety have been addressed in a total of 140 selectivity trials in winter (71) and spring cereals (50) and in grassland (19). In the present, bridging dossier, the efficacy equivalence has been demonstrated of the ADM.3304.H.1.A formulation to its predecessor, AG-CDF1-480 EC, allowing for conclusions based, to some extent, on the joint data of the new and the older dossiers. In **bridging**, the crop safety issues have been addressed in 31 selectivity trials, including 13 - in spring cereals, 13 - in winter cereals and 5 - in grassland. Six of those selectivity trials have been carried out in the North-Eastern Eppo zone, in Poland, in spring cereals (3 trials: in oat, barley and wheat) and in winter cereals (3 trials in wheat), using altogether 6 different cultivars.

**Phytotoxic effects** were observed in 14 trials, out of 76 overall submitted in the present dossier. Most of the time the symptoms were transient and <10% in intensity, although in three cases symptoms exceeding 10% or even 15% were maintained until the last assessment. The incidence of symptoms was mostly “shared” evenly by the old and the new formulation. The frequency of the transient, of <5% intensity symptoms is considerably lower in the new formulation compared to the old one. No apparent relationship has been established between phytotoxicity symptoms and the yield of cereals, both spring and winter. The zRMS suggests nevertheless issuing a label warning concerning possible phytotoxic effects.

Unfortunately, the above conclusions are relevant, in principle, only to the cereal crops actually tested in selectivity trials. These are barley, oat and wheat and, to a lesser extent, spring rye, for which the selectivity data are limited to a single German trial of 2020. On the contrary, no selectivity trials have been submitted for either winter or spring triticale. Therefore, as completely new a product, the test item can be authorized neither in triticale, nor in the spring rye, for which the number of selectivity trials: 1, is too low as well, even considered the national extrapolation rules currently in force.

No phytotoxic symptoms were observed in none of the 7 grassland trials.

**Effect on yield and quality:** Significant reduction in yield caused by ADM.3304.H.1.A compared to untreated check plots was observed in two trials only, each time brought about by the 2N dose rate of the test item. Quality differences of statistical significance were found in 5 cereal trials overall. The traits concerned are hectoliter weight and moisture content of grain. In a single grassland trial most quality parameters varied significantly between all the treatments of that trial, while the remaining 21 cereal trials and 4 grassland trials demonstrate quality parameters being consistent between / unaffected by the experimental treatments.

The non-submission of any specific trials for the **effect on transformation process** was accepted by zRMS in the core dossier. For details see the zRMS comment in the core assessment. This standpoint of zRMS is maintained with reference to ADM.3304.H.1.A.

**Effect on the propagative material:** It is concluded that no detrimental effect on germination should be expected following protection of cereals with the target dose rate 2.0L/ha of the test item ADM.3304.H.1.A. The same is concluded for grasses for seed production. More detailed comments of the zRMS are provided at the end of the chapter 3.4 *Adverse effect on the treated crops*.

#### **Effect on succeeding crops**

In the core dossier, phytotoxicity and exposure data have been generated, enabling TER calculation, while 3 field trials have been used as confirmatory information, enabling conclusions on the succeeding and replacement crop options. A label warning has been suggested. Details are available in the 3.5.1 chapter of the core Part B Section 3.

#### **Effect on adjacent crops**

No data has been submitted, in the core Part B Section 3, to address the impact on adjacent crops within the Efficacy section. Instead, the reference is made, by the applicant, to the dRR Section 6. To the opinion of zRMS the risk of spraying adjacent crops is apparently clear to professional users applying PGRs acting on broadleaved plants. However, depending on the results presented in the Section 6 of the present dossier, issuing respective label warning (by the Section 6) may appear relevant.

#### **Tank cleaning**

A reasoned case based on calculation is provided in the core dossier, that has been accepted by zRMS. As the content of any of the 3 active ingredients was not changed in ADM.3304.H.1.A compared to AG-CDF1-480 EC, no further tank cleaning studies are necessary.

#### **RISK OF RESISTANCE**

The resistance risk related to introduction of ADM.3304.H.1.A. may be reliably estimated as low to medium. More information and the zRMS evaluation of it can be found in the B3 part of the core dossier. Although the core was submitted in the autumn 2019, as the result of the joint evaluation of the combined dossier the resistance risk situation was analyzed by zRMS in November 2021.

#### **OPTIONS OF AUTHORIZATION *versus* location of trials**

To the opinion of zRMS the authorization in Poland is possible now, in spring and winter cereals as claimed in the

proposed GAP table. On the contrary, authorization for the use in grassland is not possible. Similarly to the original core dossier the present submission provides still more trials in grassland from the Maritime EPPO zone, and similarly to the core it contains no data that would be generated specifically in Poland.

**Table 3.1-1: Acceptability of intended uses (and respective fall-back GAPs, if applicable)**

PPP (product name/code):	ADM.3304.H.1.A	Formulation type:	EC
Active substance 1:	2,4-D	Conc. of as 1:	375 g/L (562.5 g/L as EHE) (c)
Active substance 2:	Clopyralid	Conc. of as 2:	30 g/L
Active substance 3:	Fluroxypyr	Conc. of as 3:	75 g/L (108 g/L as meptyl)
Safener:	not relevant	Conc. of safener:	not relevant
Synergist:	not relevant	Conc. of synergist:	not relevant
Applicant:	ADAMA	Professional use:	X
Zone(s):	central (d)	Non professional use:	<input type="checkbox"/>
Verified by MS:	yes		
Field of use:	herbicide		

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use- No.	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fnp G, Gn, Gnp 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. safen- er/synergist per ha
					Method / Kind	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. interval between applications (days)	kg or L product / ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max		
Zonal uses (field or outdoor uses, certain types of protected crops)													
1	PL	Established Grassland (NNNFW)	F	Broadleaved weeds (TTTDD)	foliar spraying, overall	Mar – Aug / BBCH 21–39	a) 1 b) 1	-	a) 2.0 L/ha b) 2.0 L/ha	a) 750 / 60 / 150 b) 750 / 60 / 150	200- 400	n.a.	N The BBCH stages were removed since for the established grass the time of the season will be more indicative for applica- tion timing than the growth stage
2	PL	Spring wheat (TRZAS), spring barley (HORVS), oats (AVESA), spring triticale (TTLSO), spring rye (SECCS)	F	Broadleaved weeds (TTTDD)	foliar spraying, overall	Mar – Jun / BBCH 21-39	a) 1 b) 1	-	a) 2.0 L/ha b) 2.0 L/ha	a) 750 / 60 / 150    b) 750 / 60 / 150	200- 400	n.a.	A

3	PL	Winter wheat (TRZAW), winter barley (HORVW), winter triticale (TTLW), winter rye (SECCW)	F	Broadleaved weeds (TTTDD)	foliar spraying, overall	Mar – May / BBCH 21-39	a) 1 b) 1	-	a) 2.0 L/ha b) 2.0 L/ha	a) 750 / 60 / 150 b) 750 / 60 / 150	200-400	n.a.	A
4	UK	Grassland (NNNFW) (permanent grassland; rotational leys; newly sown spring and autumnal leys)	F	Broadleaved weeds (TTTDD)	foliar spraying, overall	Mar – Aug / BBCH 21-39	a) 1 b) 1	-	a) 2.0 L/ha b) 2.0 L/ha	a) 750 / 60 / 150 b) 750 / 60 / 150	200-400	n.a.	
5	UK	Spring wheat (TRZAS), spring barley (HORVS), oats (AVESA), spring triticale (TTLSO)	F	Broadleaved weeds (TTTDD)	foliar spraying, overall	Mar – Jun / BBCH 21-39	a) 1 b) 1	-	a) 2.0 L/ha b) 2.0 L/ha	a) 750 / 60 / 150 b) 750 / 60 / 150	200-400	n.a.	
6	UK	Winter wheat (TRZAW), winter barley (HORVW), winter triticale (TTLW), winter rye (SECCW), winter oats (AVESW)	F	Broadleaved weeds (TTTDD)	foliar spraying, overall	Mar – May / BBCH 21-39	a) 1 b) 1	-	a) 2.0 L/ha b) 2.0 L/ha	a) 750 / 60 / 150 b) 750 / 60 / 150	200-400	n.a.	

**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 Member States  
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.



Column 15: zRMS conclusion.

A	Acceptable
R	Acceptable with further restriction
C	To be confirmed by cMS
N	Not acceptable / evaluation not possible
n.r.	Not relevant for section 3

## 3.2 Efficacy data (KCP 6)

### Introduction

Presented dossier summarises results of efficacy and selectivity trials conducted as bridging trials in 2019 and 2020 between formulation before changes: AG-CDF1-480 EC and formulation with changed recipe: ADM.3304.H.1.A. According to EPPO standard PP 1/307(1) “Efficacy considerations and the data generation when making changes to the chemical composition or formulation type of plant protection products”

The content of active substances and formulation type stayed unchanged, the reason of change in chemical composition was the improvement of long-term stability of the product. Modifications of the formula included change of quantity of surfactants and addition of a stabilizer.

These changes, in sum, required additional data to prove the comparability of both formulations. Therefore, bridging trials presented in this dossier have been conducted. In order to bring the best formulation to the market it was decided to submit the formulation change as quick as possible even though the evaluation process of the original formulation is ongoing.

Additionally, in order to support the planned registration of the product in Poland, new efficacy and selectivity trials which were not present in the core dossier, are included.

The registration is intended in the following countries:

**Table 3.2- 1: Zonal rapporteur member state (zRMS) and concerned member states (cMS)**

zRMS	Poland	PL
cMS	United Kingdom	UK

### Description of active substances

ADM.3304.H.1.A like AG-CDF1-480 EC is an emulsifiable concentrate formulation containing 375 g/L 2,4-D (equivalent to 562.5 g/L 2,4-D EHE), 30 g/L Clopyralid and 75 g/L Fluroxypyr (equivalent to 108 g/L Fluroxypyr-meptyl).

There is no differences of the nature, quality and quantity of active substances between both formulations.

#### **Clopyralid (IUPAC: 3,6-dichloropyridine-2-carboxylic acid)**

Clopyralid was reported by T. Haagsma as an herbicide and then introduced by Dow Chemical Co. in France in 1977. Clopyralid is approved under regulation EC 1107/2009, the review report for the active substance clopyralid was finalised in the Standing Committee on the Food Chain and Animal Health at its meeting on 4 April 2006 in view of the inclusion of clopyralid in Annex I of Directive 91/414/EEC and subsequently clopyralid was included in Annex I to Directive 91/414/EEC on 18 July 2006 by Commission Directive 2006/64/EC, (and has been deemed to be approved under Regulation (EC) No 1107/2009, in accordance with Commission Implementing Regulation (EU) No 540/2011, as amended by Commission Implementing Regulation (EU) No 541/2011). The review report SANCO SANCO/10012/2006 – rev. 3 is considered to provide relevant review information or a reference to where such information can be found.

#### **2,4 D (IUPAC: (2,4-dichlorophenoxy)acetic acid)**

The effects of 2,4-D salts on plant growth were first described by P. W. Zimmerman and A. E. Hitchcock in 1942. It is now manufactured by numerous agrochemical companies.

2,4-D was reviewed as part of the renewal of approval procedure by the Member States and the Commission and the Commission review report finalised on 13.11.2015 approved 2,4-D in accordance with Regulation (EC) No. 1107/2009. The EFSA Report of 2,4-D (EFSA Journal 2014;12(9):3812) is considered to provide the relevant review information or a reference to where such information can be found.

**Fluroxypyr (IUPAC: 4-amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetic acid)**

Fluroxypyr was first reported by O Visberg *et al* in 1983 and Fluroxypyr-meptyl was introduced in the UK by Dow Chemical Company as an herbicide. Fluroxypyr was approved under regulation EC 1107/2009 on 01.10.2012. The review report SANCO/11019/2011 rev 3 is considered to provide the relevant review information or a reference to where such information can be found.

**Table 3.2- 2: Details of the active substances**

Active substance	2,4 D	Clopyralid	Fluroxypyr
Concentration (Unit: g/kg or g/L...)	375 g as/L	30 g as/L	75 g as/L
Chemical group	HRAC group 0 auxins phenoxy-carboxylic acids	HRAC group 0 auxins pyridine carboxylic acid	HRAC group 0 auxins pyridine carboxylic acid
Mode of action	IAA regulator	IAA regulator	IAA regulator
Biological action	e.g. post-emergence herbicide	e.g. post-emergence herbicide	e.g. post-emergence herbicide
Location of activity	Systemical tranlocation in the plant (Pholem and Xylem) into meristematic tissues	Systemical tranlocation in the plant (Pholem and Xylem) into meristematic tissues	Systemical tranlocation in the plant (Pholem and Xylem) into meristematic tissues
Uptake	Leaf and root, mainly leaf	Foliar + soil activity	Foliar + soil activity

## Mode of action

**Clopyralid** is a selective, systemic, herbicide absorbed through leaves and roots. It is translocated both acropetally and basipetally and accumulates in meristematic tissue where it exhibits an auxin-type reaction.

### Biological Activities

Clopyralid acts by mimicking the action of auxin, acting on cell elongation and respiration, which leads to uncontrolled growth and death in susceptible plants.

**2,4 D** is a selective herbicide. Its salts are readily absorbed by the roots, and its esters are readily absorbed by foliage. Translocation occurs within the plant leading to accumulation particularly in the meristematic regions of shoots and roots where it acts as a growth inhibitor.

### Biological Activities

2,4-D acts by mimicking the action of auxin which leads to uncontrolled growth and death in susceptible plants.

**Fluroxypyr** is applied as Fluroxypyr-meptyl (the 1-methylheptyl ester) and is predominantly taken up by the foliage. The ester is hydrolysed to the parent acid which is the herbicidally active form and is then rapidly translocated to other parts of the plants where it acts like indolylacetic acid (IAA) and acts by inducing typical auxin-type responses such as leaf curling etc.

### Biological Activities

Fluroxypyr acts by mimicking the action of auxin which leads to uncontrolled growth and death in susceptible plants.

All 3 active ingredients act as plant hormones and interfere with the Auxin triggered activities. It means that all 3 active ingredients need actively growing plants to express their herbicidal activity. All of them are taken up by the plant mainly via the foliage but as well by root absorption. After uptake, they are transported within the plant via Phloem and Xylem into the meristematic tissues of the weeds where they disrupt the metabolic pathways. The plant growth is inhibited relatively quickly, but for full system development and destruction of the weed plants it takes 2 to 4 weeks. The speed of symptom development depends on the growth conditions of the target weeds: The better the conditions for vigorous growth, the quicker the symptom development. Description of the plant protection product

ADM.3304.H.1.A like AG-CDF1-480 EC is an emulsifiable concentrate (EC) containing 3 well known active substances, all of them used in practical conditions in Poland in registered herbicides in cereals/grass crops for post emergence control of broad leaf weeds. So far, the product AG-CDF1-480 EC is not registered in Europe.

**Table 3.2-1: Simplified table of currently registered uses and requested uses for the product code.**

Uses		Member State	Requested rate(s)	Comments / Other relevant details on GAPs
Crop(s)	Target(s)			
Spring cereals: Spring wheat (TRZAS) Spring barley (HORVS) Oats (AVESA) Spring triticale (TTL SO) Spring rye (SECCS)	Broadleaved weed plants	PL	2,0 l/ha	
Winter cereals: Winter wheat (TRZAW) Winter barley (HORVW) Winter triticale	Broadleaved weed plants	PL	2,0 l/ha	

Uses		Member State	Requested rate(s)	Comments / Other relevant details on GAPs
Crop(s)	Target(s)			
(TTLWI) Winter rye (SECCW)				
GRASSLANDS	Broadleaved weed plants	PL	2,0 l/ha	
Spring cereals: Spring wheat (TRZAS) Spring barley (HORVS) Oats (AVESA) Spring triticale (TTLSO) Spring rye (SECCS)	Broadleaved weed plants	UK	2,0 l/ha	
Winter cereals: Winter wheat (TRZAW) Winter barley (HORVW) Winter triticale (TTLWI) Winter rye (SECCW) Winter oats AVESW	Broadleaved weed plants	UK	2,0 l/ha	
GRASSLANDS	Broadleaved weed plants	UK	2,0 l/ha	

Further details are in the table “All intended uses” in Part B - Section 0.

### Description of the target pests

**Table 3.2-2: Glossary of pests mentioned in the dossier.**

EPP0 code	Scientific name	Common name*
ANRSY	<i>Anthriscus sylvestris</i>	Woodland beak chervil
ACHMI	<i>Achillea millefolium</i>	Common yarrow
ANRCA	<i>Anthriscus caucalis</i>	Beaked parsley
ANTAR	<i>Anthemis arvensis</i>	Field chamomile
BRSNW	<i>Brassica napus</i>	Winter oil seed rape
BRSNN	<i>Brassica napus</i>	Rapeseed
CAGSE	<i>Calystegia sepium</i>	Great bindweed
CENCY	<i>Cyanus segetum</i>	Bachelor's- button/ cornflower
CHEPO	<i>Lipandra polysperma</i>	Allseed
CHEAL	<i>Chenopodium album</i>	fat-hen
CHEFI	<i>Chenopodium ficifolium</i>	Fig-leaved goosefoot
CAPBP	<i>Capsella bursa-pastoris</i>	Sheperd's- purse
CIRAR	<i>Cirsium arvense</i>	thistle
CONAR	<i>Convolvulus arvensis</i>	Field bindweed

EPPO code	Scientific name	Common name*
ECHCG	Echinochloa crus-galli	Common barnyardgrass
EROCI	Erodium cicutarium	filaree, redstem
FUMOF	Fumaria officinalis	Common fumitory
GAETE	Galeopsis tetrahit	Common hempnettle
GALAP	Galium aparine	Cleavers/ Catchweed bedstraw
GERRT	Geranium rotundifolium	Round-leaved cranesbill
GERPU	Geranium pusillum	Small-flowered cranesbill
GERDI	Geranium dissectum	Cut-leaved cranesbill
GLEHE	Glechoma hederacea	Ground ivy
HERSP	Heracleum sphondylium	Hogweed cow parsnip
HERNI	Heracleum sphondylium var. nipponicum	
HELAN	Helianthus annuus	Common sunflower
LAMPU	Lamium purpureum	deadnettle, purple
LAMAM	Lamium amplexicaule	henbit
LITAR	Buglossoides arvensis	Corn gromwell
MATCH	Matricaria chamomilla	Scented mayweed
MATIN	Tripleurospermum inodorum	False chamomille
MYOAR	Myosotis arvensis	Field forget-me-not
POLCO	Fallopia convolvulus	Wild buckwheat
POLPE	Persicaria maculosa	Ladysthumb
POLAV	Polygonum aviculare	prostrate knotweed
POLLA	Persicaria lapathifolia	pale smart weed
PAPRH	Papaver rhoeas	poppy
PLAMA	Plantago major	greater plantain
PAVSS	Pastinaca sp	Parsnip
POAAN	Poa annua	Annual bluegrass
STEME	Stellaria media	Common chickweed
SENVU	Senecio vulgaris	Common groundsel
RANAR	Ranunculus arvensis	Corn buttercup
RANAC	Ranunculus acris	Tall buttercup
RANSS	Ranunculus sp	Buttercup
RAPRA	Raphanus raphanistrum	Wild radish
RUMOB	Rumex obtusifolius	Broad-leave dock
SOLNI	Solanum nigrum	Black nightshade
SOLLU	Solanum villosum	red-berried nightshade
TAROF	Taraxacum officinale	Blowball
THLAR	Thlaspi arvense	Field pennycress
VERPE	Veronica persica	Persian speedwell
VERAR	Veronica arvensis	Corn speedwell
VERHE	Veronica hederaefolia (triloba)	

EPPO code	Scientific name	Common name*
VIOAR	<i>Viola arvensis</i>	Field violet
VIOTR	<i>Viola tricolor</i>	Wild violet

\* optional

**Table 3.2-3: Major / minor status of intended uses (for all cMS and zRMS).**

Crop and/or situation	Crop status		Pests or group of pests controlled	Pest status	
	Major	Minor		Major	Minor
Winter rye	PL	UK	Broad leaf weeds	major	-
Winter wheat Spring wheat	PL, UK	-	Broad leaf weeds	major	-
Winter barley Spring barley	PL, UK	-	Broad leaf weeds	major	-
Winter triticale	PL	UK	Broad leaf weeds	major	-
Spring triticale	PL	UK	Broad leaf weeds	major	-
Oats	PL, UK	-	Broad leaf weeds	major	-
Grassland	PL, UK	-	Broad leaf weeds	major	-

### Compliance with the Uniform Principles

Trials were carried out by testing organisations, all of which followed the available EPPO guidelines and are officially recognized by the competent authorities to carry out field registration trials in accordance with the principles of Good Experimental Practice (GEP). The design and analysis of results and reporting of the studies were carried out in compliance with the general EPPO Guidelines PP 1/61(3), PP 1/93(3), PP /135(4), PP 1/181(4), PP 1/152(4)

### Information on trials submitted (3.1 Efficacy data)

All presented efficacy trials were carried out by testing organisations, all of which followed the available EPPO guidelines and are officially recognized by the competent authorities to carry out field registration trials in accordance with the principles of Good Experimental Practice (GEP). For the trials in cereals the following guidelines had to be followed PP 1/93(3), PP 1/135(3), PP 1/152(3), PP 1/181(3), for the trials in grass seeds and grassland PP 61(2) or PP 61(3) as well as the guidelines PP 1/135(3), PP 1/152(3), PP 1/181(3) have been followed.

The following tables (Table 3.2- 5, Table 3.2- 6, Table 3.2- 7) aim to give an overview of the number and location as well as on the year of performance and the GEP status of the submitted trials by indication.

**Table 3.2-4: Presentation of efficacy trials in spring cereals in the Central registration zone**

Crop(s)*	Target(s)*	Country	Years	GEP Status	Type of trial**	EPPOM AR	EPPOSE	EPPONE
HORV S	Broad leaf weeds	Germany	2019-2020	GEP	MED, E	5		
		Czech Republic	2019-2020	GEP	MED, E	3		
		Austria	2019	GEP	MED, E	2		
		Hungary	2019	GEP	MED, E		1	
		Slovak Republic	2020	GEP	MED, E		1	
		Netherlands	2019	GEP	MED, E	1		
		Belgium	2019	GEP	MED, E	1		
		U.K.	2019	GEP	MED, E	3		
		Poland	2020	GEP	MED, E			1

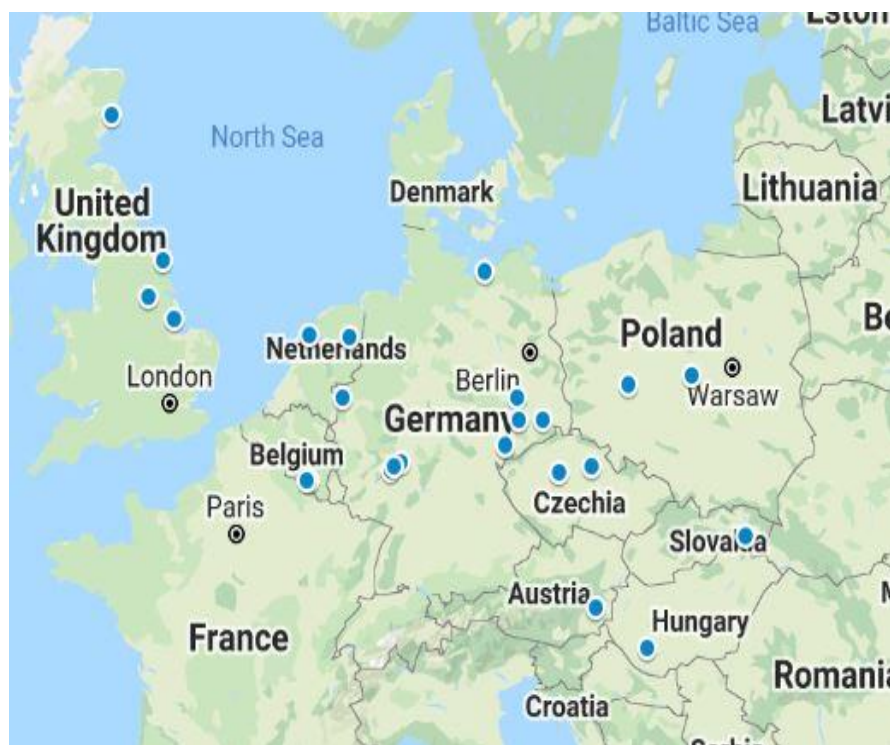
<b>HORVS Total</b>						<b>15</b>	<b>2</b>	<b>1</b>
TRZAS	Broad leaf weeds	Germany	2019	GEP	MED, E	2		
		Belgium	2019	GEP	MED, E	1		
		U.K.	2019	GEP	MED, E	1		
		Netherlands	2019	GEP	MED, E	1		
		Poland	2020	GEP	MED, E			1
<b>TRZAS Total</b>						<b>5</b>		<b>1</b>
AVESA	Broad leaf weeds	Germany	2019	GEP	MED, E	1		
		Czech Republic	2020	GEP	MED, E	1		
<b>AVESA Total</b>						<b>2</b>		
	Total					<b>22</b>	<b>2</b>	<b>2</b>

\* According to the GAP table. Timing of the application(s) can be added if relevant (e.g. Pre-mergence vs post-emergence, spring vs autumn).

\*\* P = preliminary trial, MED = minimum effective dose, E = efficacy trial.

\*\*\* GEP: Good Experimental Practices. Official: carried out by a national official organisation.

EPOMAR Maritime EPPO zone, EPPONE North East EPPO zone, EPPOSE South East zone



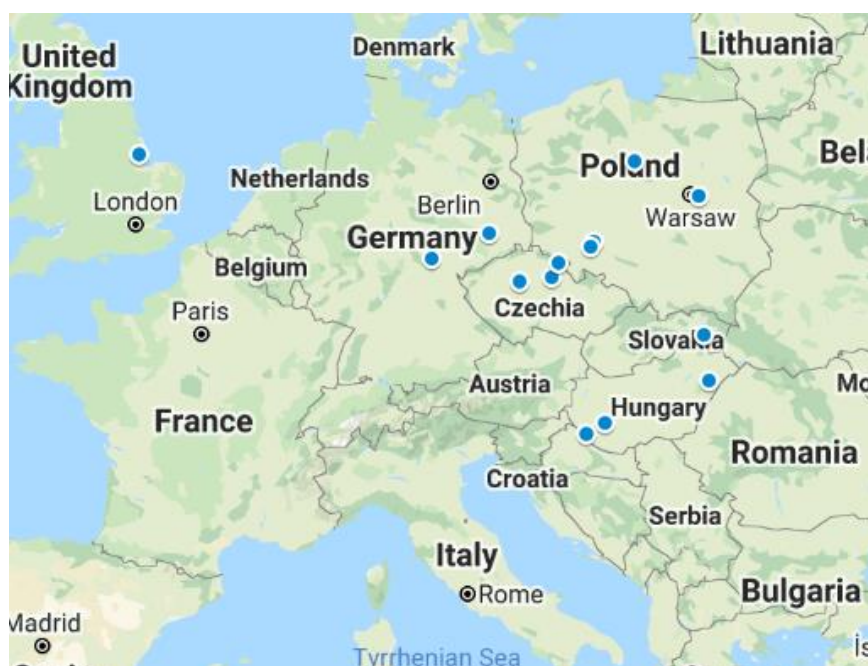
**Figure 3.2- 1: Map of distribution of spring cereal trials for comparability of efficacy**

**Table 3.2-6 Presentation of efficacy trials in winter cereals in the Central registration zone**

Crop(s)*	Target(s)*	Country	Years	GEP status	Type of trial**	EPOMAR	EPPOSE	EPPONE
HORVW	Broad leaf weeds	Czech Republic	2020	GEP	MED, E	1		
		Hungary	2019-2020	GEP	MED, E		1	
<b>HORVW Total</b>						<b>4</b>	<b>1</b>	
TRZAW	Broad leaf weeds	Slovak Republic	2019	GEP	MED, E		1	
		Hungary	2019	GEP	MED, E		1	



		U.K	2019	GEP	MED, E	1		
		Czech Republic	2019	GEP	MED, E	1		
		Poland	2020	GEP				4
<b>TRZAW Total</b>						<b>2</b>	<b>2</b>	<b>4</b>
SECCW	Broad leaf weeds	Hungary	2020	GEP	MED, E	±	1	
		Czech Republic	2020	GEP	MED, E	1		
<b>SECCW Total</b>						<b>± 1</b>	<b>1</b>	
TTLWI	Broad leaf weeds	Germany	2020	GEP	MED, E	2		
		Czech Republic	2020	GEP	MED, E	1		
<b>TTLWI Total</b>						<b>3</b>		
Total						<b>± 7</b>	<b>7 4</b>	<b>8 4</b>



**Figure 3.2- 2: Map of distribution of winter cereal trials for comparability of efficacy**

**Table 3.2-7: Presentation of efficacy trials in grassland in the Central registration zone**

Crop(s)*	Target(s)*	Country	Years	Type of trial**	EPPOMAR
NNNFW	Broad leaf weeds	Netherlands	2019	MED, E	2
		Germany	2020	MED, E	2
<b>NNNFW Total</b>					<b>4</b>
Total					4



**Figure 3.2-3: Map of distribution of grassland trials for comparability of efficacy**

**Table 3.2-8: Presentation of reference standards used in trials (efficacy trials)**

Crops	Reference standard	Country product is registered	Authorization number	Active substance(s)	Formulation type	Concentration of as	Application rate
HOR VS	ARIANE C (zonal reference)	DE	006218-00	clopyralid + florasulam+ fluroxypyr	EC	100 g+ 80 g +2,5g	1,5 l/ha
	MUSTANG FORTE	CZ, SK	10-11-1084 (SK) 4712-0 (CZ)	2,4-D ester + aminopyralid + florasulam	SE	271 g + 10g + 5g	0,80 l/ha
	DAKOTA (zonal reference)	UK	MAPP 16121	clopyralid + florasulam+ fluroxypyr	EC	100 g+ 80 g +2,5g	1,5 l/ha
	TREVISTAR (zonal reference)	BE	9799P/B	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,0-1,5 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha
	TOMIGAN 200 EC	DE	007138-00/00-003	fluroxypyr	EC	200 g/l	0,9 l/ha
	GOLD 450 EC	pl	R-19/2020b	2,4-D EHE + fluroxypyr	EC	360 g + 90g	1,25 l/ha
	TAPIR (zonal reference)	NL	15258	fluroxypyr + clopyralid + florasulam	EC	144,1g + 80g + 2,5 g	1,0-1,5 l/ha
TRZ AS	ARIANE C (zonal reference)	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha
	DAKOTA (zonal reference)	UK	MAPP 16121	clopyralid + florasulam+ fluroxypyr	EC	100 g+ 80 g +2,5g	1,5 l/ha
	TREVISTAR (zonal reference)	BE	9799P/B	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,0-1,5 l/ha
	GOLD 450 EC	PL	R-19/2020b	2,4-D EHE + fluroxypyr	EC	360 g + 90g	1,25 l/ha
	TAPIR (zonal reference)	NL	15258	fluroxypyr + clopyralid + florasulam	EC	144,1g + 80g + 2,5 g	1,0-1,5 l/ha
AVE SA	ARIANE C (zonal reference)	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha

HOR VW	ARIANE C (zonal reference)	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha
	TRIMMER MAX + TOMIGAN 250 EC	HU	48361/2000.	tribenuron-methyl + metsul- furon methyl + fluroxypyr	SG/EC	222g +333g +250 g	0,35 g + 0,3 l/ha
TRZ AW	ARIANE C (zonal reference)	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha
	MUSTANG FORTE	CZ, SK	10-11-1084 (SK) 4712-0(CZ)	2,4-D ester + aminopyralid + florasulam	SE	271 g + 10g + 5g	0,80 l/ha
	DAKOTA (zonal reference)	UK	MAPP 16121	clopyralid + florasulam+ fluroxypyr	EC	100 g+ 80 g +2,5g	1,5 l/ha
	GOLD 450 EC	PL	R-19/2020b	2,4-D EHE + fluroxypyr	EC	360 g + 90g	1,25 l/ha
	TRIMMER MAX + TOMIGAN 250 EC	HU	48361/2000.	tribenuron-methyl + metsul- furon methyl + fluroxypyr	SG/EC	222g +333g +250 g	0,35 g + 0,3 l/ha
TTL WI	ARIANE C (zonal reference)	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha
SEC CW	ARIANE C (zonal reference)	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha
	TRIMMER MAX + TOMIGAN 250 EC	HU	48361/2000.	tribenuron-methyl + metsul- furon methyl + fluroxypyr	SG/EC	222g +333g +250 g	0,35g + 0,3 l/ha
NN NF W	SIMPLEX	DE	025702- 00/00-001	fluroxypyr + aminopyralid	ME	100 g + 30g	2,0 l/ha
	TAPIR (zonal reference)	NL	15258	fluroxypyr + clopyralid + florasulam	EC	144,1g + 80g + 2,5 g	1,0;1,5; 2,0l/ha

Regarding reference products used in efficacy trials, as marked in the table above some of products are additionally described as zonal reference. In the majority of efficacy trials 2 different reference products were used: zonal reference and local reference. Zonal reference product is EC formulation of fluroxypyr + clopyralid + florasulam (100 g+ 80 g +2,5 g) registered, depending on the country under different trade names: Ariane C in Germany, Dakota in U.K, Tapir in Netherlands and Trevistar in Belgium, in all of these EU countries product is applied at dose rate 1,5 l/ha, therefore in efficacy summary tables (3.2.3) instead of 4 different names the name “zonal reference” is used. Efficacy of zonal reference (Maritime EPPO zone) is calculated as sum of efficacy.

The trial results have been grouped by crop group (spring cereals, winter cereals and grassland) as well as by EPPO zone within the Central registration zone in the summary tables for results presentation. The discussion of results is also done across EPPO zones for the complete registration zone.

The conditions for performing the bridging experiments, like terms of application and phase of crops were comparable to conditions in which the experiments testing the effectiveness of AG-CDF1-480 EC formulation were performed.

Bridging tests were performed in each of the EPPO climatic zones: EPPO guideline 1/241 describes the different agro climatic zones. It is concluded that the results achieved in the countries belonging to the same agro climatic zones can be used for judging efficacy in all countries across the EPPO zone. Based on this statement, results are presented separated by EPPO zone.

### 3.2.1 Preliminary tests (KCP 6.1)

Please refer to the core dossier.

**zRMS comments:**

In the core dossier 4 trials in winter wheat in France and in Germany, and one trial in winter barley, in France, are presented, using AG-CDF1-480 EC (the older formulation). The zRMS considers the preliminary trials acceptable, and the summary of the results – sufficient to justify both the combination and the ratio of the 3 active ingredients making up the test item AG-CDF1-480 EC.

### 3.2.2 Minimum effective dose tests (KCP 6.2)

According to trials presented in table 3.2-5.

As presented under Information on trials submitted (3.1 Efficacy data), all trials intended for the prove of efficacy in Table 3.2- 5 to Table 3.2- 7 included reduced application rates for minimum effective dose prove as requested in guideline PP 1/225. All of these trials were herbicide efficacy tests applied in post emergence on growing weeds. As to PP 1/93(3) and PP 1/63(3) visual estimations of weed ground cover or/and weed counts were performed in order to document the weed pressure. For determination of the efficacy (weed control) typically visual estimations were recorded.

In terms of application rates, in all efficacy trials and in all test crops, the targeted application rate of 2 l/ha AG-CDF1-480 EC was tested in comparison to ADM.3304.H.1.A at target dose rate 2 l/ha, reduced application rate of 50% (1 l/ha ) and 75% (1,5 l/ha) as requested by the EPPO guideline PP 1/225 ‘Minimum effective dose’. 7 efficacy trials included only 1 reduced dose rate (75%).

#### 3.2.2.1 Broad leaf weeds in spring cereals

For the Central registration zone, a total of 26 GEP trials are available, 2 trials performed in spring cereals in the South East EPPO zone, 22 trials are available representative for the Maritime EPPO zone and 2 trials in spring cereals for North East EPPO zone.

The weeds targeted were a broad range of broad leaf weeds, typically occurring in spring cereals.

For proving the similarity of efficacy level between both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A against broad leaf weeds, all spring cereals were grouped together as they are very similar in terms of competitive pressure versus broad leaf weeds.

They are drilled in the same time frame and the weed emergence time is also similar for these crops. Results achieved on one of these species can be extrapolated to the other spring cereal crops.

In terms of standard product for comparison, for spring cereals several different products were used including zonal reference product at dose rate 1,5 l/ha for all of trials, but also different local reference products specified in table 3.2 6 .

**Table 3.2-8: Details on trial methodology spring cereals**

<b>Guidelines</b>	General guidelines	EPPO PP 1/152 (3/4), 135(3), 1/181(3/4)
	Specific guidelines	EPPO PP 1/93 (3)
<b>Experimental design</b>	Plot design	RCBD (all)
	Plot size	12-27 m <sup>2</sup>
	Number of replications	4
<b>Crop</b>	Trials per crop	Spring barley (HORVS) – 18 Spring wheat (TRZAS)- 6 Oats (AVESA) - 2
	Varieties per crop	Spring barley (HORVS): Salome, Calcule, Odyssey, Sebastian, Olympic, Marthe, Quench, Xanadu, Planet, Laudis, Sienna, RGT Planet, Asteroid, Teksas (in PL trial) Spring wheat (TRZAS): Tybalt (in PL trial), Quintus, Licamero, Mulika Oats (AVESA): korok, Ozon
	Sowing period	Spring barley (HORVS): 05/03/2019, 05/03/2019, 21/03/2019, 21/03/2019 31/03/2019, 19/03/2020, 30/03/2019, 07/04/2019, 19/03/2020, 28/03/2020, 26/03/2019 06/04/2019, 28/03/2020, 24/04/2019, 12/03/2019, 08/04/2019, 27/03/2019, 19/03/2020 Spring wheat (TRZAS): 16/03/2020, 24/03/2019, 04/04/2019, 01/04/2019,

		27/03/2019, 31/03/2019 Oats (AVESA): 19/03/2020, 07/03/2019
<b>Application</b>	Crop stage (BBCH)* at application	Spring barley (HORVS): 23-39 Spring wheat (TRZAS): 23-32 Oats (AVESA): 22-34
	Timing Pest stage at application (1)	Post-emergence BRSNN (10-30), BRSNW (00-61), CHEAL (10-59), GALAP( 10-32), MATIN(10-19), POLCO (10-59), GAETE (10-59), VIOTR (12-75), CAPBP(9-67), MATCH (12-55), CENCY (9-51), STEME (10-65), MYOAR (10-39), VIOAR (10-65), LAMPU (08-69), SOLLU (12-29), SOLNI (12-33), VERHE (14-69), THLAR (10-65), POLAV (11-30), VERPE (10-65), SENVU (9-18), POLPE (9-51), POLLA (10-22), CHEPO (10-26), CHEFI (11-29), RANAR (14-16), FUMOF (16-59), GERDI (12-18), CONAR (09-25), PAPRH (10-35), HELAN (10-18), EROCI (12-19), CIRAR (12-19), POAAN (12-16)
	Number of applications Intervals between applications	1
	Spray volumes	150 - 300 L/ha
<b>Assessment</b>	Assessment types	% of weed coverage, number of weeds/m <sup>2</sup> , Visual % weed control
	Assessment dates	2-5 (1) assessments in the range of 7-63 DAT targeted: 3-4 weeks after application, 4-6 weeks after application, 8 weeks after application
<b>Other relevant information</b>	Soil types	silt loam, loam, brown soil, clay loam, loamy sand, silty clay loam, silty sand, sandy clay, loamy clay, clay loam, sandy silt loam, clay sandy loam
	e.g. Natural / artificial inoculation...	Natural infection (all trials)
	e.g. Field / Greenhouse...	Field trials

### 3.2.2.2 Broad leaf weeds in winter cereals

For winter cereals in the Central registration zone a total of 15 GEP trials are available, 4 sites for the South East EPPO climate zone, 7 trials for the Maritime EPPO climate zone and 4 trials for the North East EPPO climate zone were performed. For proving the similarity of efficacy level between both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A against broad leaf weeds, all winter cereals were grouped together as they are very similar in terms of competitive pressure versus broad leaf weeds.

They are drilled in the same time frame and the weed emergence time is also similar for these crops. Results achieved on one of these species can be extrapolated to the other winter cereal crops.

In terms of standard product for comparison, for winter cereals several different products were used including zonal reference product at dose rate 1,5 l/ha for all of trials, but also different local reference products specified in table 3.2 6.

**Table 3.2-9: Details on trial methodology winter cereals**

<b>Guidelines</b>	General guidelines	EPPO PP 1/152 (3/4), 135(3), 1/181(3/4)
	Specific guidelines	EPPO PP 1/93 (3)
<b>Experimental design</b>	Plot design	RCBD (all)
	Plot size	12-30 m <sup>2</sup>
	Number of replications	4
<b>Crop</b>	Trials per crop	Winter wheat (TRZAW)- 8 Winter barley (HORVW) -2 Winter rye (SECCW)- 2 Winter triticale (TTLWI)- 3

	Varieties per crop	Winter wheat (TRZAW): Fakir, Genius, Ostroga (in PL trial), Euforia (in PL trial), Patras (in PL trial), Poezja (in PL trial), MS Arlis, Claire Winter barley (HORVW): Sandra, Calypso Winter rye (SECCW): Herakles, Varda Winter triticale (TTLWI): Claudius, Lombardo
	Sowing period	Winter wheat (TRZAW): 27/09/2018, 10/10/2018, 23/10/2019, 25/10/2019 25/08/2019, 01/10/2019, 26/10/2019, 11/11/2018 Winter barley (HORVW): 23/09/2019, 14/10/2019 Winter rye (SECCW): 20/09/2019, 10/10/2019 Winter triticale (TTLWI): 24/09/2019, 16/09/2019, 14/09/2019
<b>Application</b>	Crop stage (BBCH)* at application	Winter wheat (TRZAW): 24-31 Winter barley (HORVW): 24-30 Winter rye (SECCW): 26-30 Winter triticale (TTLWI): 25-31
	Timing Pest stage at application (1)	Post-emergence, GALAP (11-35), THLAR (18-19), CAPBP (16 -61), LAMPU (11-60), LAMAM (16-60), MATIN (12-51), VERPE (18 -60), STEME (24-71), VERHE (16-60), VIOAR (12-67), PAPRH (11-31), MYOAR (19), FUMOF (31), ANTAR (18-19), RAPRA (14-16), LITAR (51-53), GERRT (14-19), ANRCA (19-23), BRSNW (16-30), GERPU (12-31), CENCY (11-16), VERAR (16 -51), CHEAL (12-14), PAVSS (13-18)
	Number of applications Intervals between applications	1
	Spray volumes	200 - 300 L/ha
<b>Assessment</b>	Assessment types	% of weed coverage, number of weeds/m <sup>2</sup> , Visual % weed control
	Assessment dates	3-4 assessments , in the range of 7-109 days 3-4 weeks after application 4-8 weeks after application 9-15 weeks after application (109 DAA for MAR)
<b>Other relevant information</b>	Soil type	loamy sand, sandy loam, sandy silt loam, sandy clay, silt loam, loamy clay, sand, clay loam, clay loam
	e.g. Natural / artificial inoculation...	Natural infection (all trials)
	e.g. Field / Greenhouse...	Field trials
	...	

\* BBCH for weeds, pre-emergence, preventive / curative application, insect stage...

### 3.2.2.3 Broad leaf weeds in grassland

For grassland/seed production in the Central registration zone a total of 4 GEP trials are available, all performed for the Maritime EPPO climate zone. All presented field trials includes minimum effective dose treatments for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A, reference products used for comparison, for trials in Germany - Simplex applied at 2,0 l/ha and Tapir at registered dose rate- 1,5 l/ha for trials in Netherlands.

**Table 3.2-5: Details on trial methodology grassland**

<b>Guidelines</b>	General guidelines	EPPO PP 1/152 (3/4), 135(3), 1/181(3/4), 1/225(4)
	Specific guidelines	EPPO PP 1/61 (3)
<b>Experimental design</b>	Plot design	RCBD (all)
	Plot size	15-18 m <sup>2</sup>
	Number of replications	4
<b>Crop</b>	Trials per crop	NNFW - 4
	Varieties per crop	UFA Queen Gold , ZG Trio Weidelgras

	Sowing period	03/09/2018 25/08/2014
<b>Application</b>	Crop stage (BBCH)* at application	BBCH 24-49
	Timing Pest stage at application (1)	Post-emergence HERSP (13-51), ANRSY (16-63), RANAC (34-65), TAROF (19-65), ACHMI (32-34), RUMOB (19-30), STEME (51-60), CAPBP (36-51), PLAMA (34), RANSS (34-51), HERNI (32)
	Number of applications Intervals between applications	1
	Spray volumes	200 - 300 L/ha
<b>Assessment</b>	Assessment types	% of weed coverage, number of weeds/m <sup>2</sup> , Visual % weed control, % control calculated from weed counts
	Assessment dates	2-3 assessments , in the range of 10-114 days, DAA 20-63; DAA 49-114
<b>Other relevant information</b>	Soil type	loamy clay, sandy loam, loam
	e.g. Natural / artificial inoculation...	Natural infection (all trials)
	e.g. Field / Greenhouse...	Field trials
	...	

\* BBCH for weeds, pre-emergence, preventive / curative application, insect stage...

The results are presented by crop group (winter cereals, spring cereals, grassland/grass for seed), with further differentiation by EPPO region and weed species.

As the aim of presented dossier is proving the similarity - not negative influence on efficacy level caused by the formulation change - all weed species are presented in summary tables, despite of number of locations and density/ground cover. Efficacy of AG-CDF1-480 EC in control of weeds presented in this dossier has been already described in detail in the core dRR, the one submitted in 2019 for initial authorization of the AG-CDF1-480 EC.

Results are presented by evaluation by EPPO climate zones and assessment intervals:

Spring cereals:

3-4 weeks after application (21-30 DAA MAR EPPO zone; 27-33 DAA SE EPPO zone; 26 NE EPPO zone)

4-6 weeks after application (35-61 DAA MAR EPPO zone; 35-54 DAA SE EPPO zone; 43 NE EPPO zone)

8 weeks after application (60-63 DAA MAR EPPO)

Winter cereals:

3-4 weeks after application (14-28 DAA MAR EPPO zone, 21-27 DAA SE EPPO zone, 25-29 DAA NE EPPO zone)

4-6 weeks after application (38-58 DAA MAR EPPO zone, 34-48 DAA SE EPPO zone, 57-61 NE EPPO zone)

9-15 weeks after application (63- 109 DAA MAR EPPO zone, 69 DAA SE EPPO zone, 63-64 DAA NE EPPO zone)

Grassland: DAA 20-63, DAA 49-114, due to the harvest timings of the grass.

Results of efficacy achieved are presented in tables below.

**Table 3.2-11 (a) Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring cereals, 21-30 DAA, Maritime EPPO zone.**

weed code	Weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>BRSNN</b>	46,3	11,0	69,0	21-30	90,8	88,3	95,3	90,1	85,0	95,3	95,7	93,5	96,8	95,7	94,5	96,8	98,0	96,5	99,5	98,3	98,0	99,0
<b>n</b>	3			21-30	3			3			3			3			3			3		
<b>BRSNW</b>	11,4	1,3	44,0	21-30	98,7	97,5	100,0	100,0	100,0	100,0	99,6	97,8	100,0	99,6	97,8	100,0	100,0	100,0	100,0	100,0	99,8	100,0
<b>n</b>	5			21-30	3			3			5			5			5			5		
<b>CENCY</b>	30,6	16,0	49,0	21-30	88,9	85,0	92,5	90,6	88,8	92,0	93,0	85,3	96,0	92,4	85,8	96,0	97,2	90,0	100,0	97,0	90,8	100,0
<b>n</b>	5			21-30	4			4			5			5			5			5		
<b>CAPBP</b>	11,1	2,0	24,3	21-30	98,3	95,0	100,0	98,6	96,3	100,0	99,2	98,0	100,0	99,2	98,0	100,0	99,2	98,0	100,0	99,2	98,0	100,0
<b>n</b>	5			21-30	5			5			5			5			5			5		
<b>CONAR</b>	40,0	40,0	40,0	21-30	-	-	-	-	-	-	78,8	78,8	78,8	80,0	80,0	80,0	85,0	85,0	85,0	86,3	86,3	86,3
<b>n</b>	1			21-30	-	-	-	-	-	-	1			1			1			1		
<b>CHEAL</b>	14,9	0,8	42,8	21-30	91,4	65,0	100,0	93,3	67,5	100,0	89,1 97,1	80,0	100,0	97,5	82,5	100,0	99,0	93,8	100,0	98,8	92,5	100,0
<b>n</b>	11			21-30	9			9			11			11			11			11		
<b>FUMOF</b>	7,3	5,0	9,5	21-30	65,1	31,3	98,8	65,7	32,5	98,8	73,9	48,8	99,0	79,5	60,0	99,0	79,5	60,0	99,0	89,5	80,0	99,0
<b>n</b>	2			21-30	2			2			2			2			2			2		
<b>GAETE</b>	10,2	8,0	11,8	21-30	86,5	78,8	97,8	88,4	80,0	98,8	96,8	90,0	100,0	97,4	92,8	100,0	98,0	95,0	100,0	98,3	96,0	100,0
<b>n</b>	4			21-30	3			3			4			4			4			4		
<b>GALAP</b>	7,7	4,0	10,0	21-30	77,9	43,8	100,0	76,3	41,3	100,0	93,6	82,5	100,0	94,6	83,8	100,0	97,8	93,8	100,0	97,6	95,0	100,0
<b>n</b>	6			21-30	3			3			6			6			6			6		
<b>GERDI</b>	10,3	10,3	10,3	21-30	53,8	53,8	53,8	63,8	63,8	63,8	73,8	73,8	73,8	73,8	73,8	73,8	80,0	80,0	80,0	80,0	80,0	80,0
<b>n</b>	1			21-30	1			1			1			1			1			1		
<b>LAMPU</b>	15,3	5,8	34,0	21-30	51,6	23,8	76,3	53,8	23,8	76,3	57,7	27,5	77,5	59,3	28,8	80,0	64,3	28,8	90,0	68,9	33,8	96,3
<b>n</b>	5			21-30	4			4			5			5			5			5		



**Table 3.2-11 (b) Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring cereals, 21-30 DAA, Maritime EPPO zone (cont.).**

weed code	Weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>MATIN</b>	6,5	5,0	7,0	21-30	69,5	40,0	99,0	76,0	52,5	99,5	95,0	80,0	100,0	96,0	83,8	100,0	98,1	92,5	100,0	97,5	90,0	100,0
<b>n</b>	4			21-30	2			2			4			4			4			4		
<b>MATCH</b>	22,8	2,8	67,0	21-30	91,3	87,0	100,0	93,3	90,0	100,0	95,6	92,5	100,0	96,9	95,0	100,0	98,2	96,8	100,0	98,5	98,0	100,0
<b>n</b>	4			21-30	3			3			4			4			4			4		
<b>MY-OAR</b>	11,9	8,3	15,5	21-30	82,9	77,5	88,3	83,5	77,5	89,5	88,5	83,8	93,3	87,8	80,0	95,5	95,4	93,8	97,0	95,9	93,8	98,0
<b>n</b>	2			21-30	2			2			2			2			2			2		
<b>POLPE</b>	16,9	14,8	20,0	21-30	95,6	90,0	100,0	98,1	96,0	100,0	98,3	96,0	100,0	98,7	97,0	100,0	99,0	98,0	100,0	98,7	98,0	100,0
<b>n</b>	3			21-30	3			3			3			3			3			3		
<b>POLCO</b>	11,8	1,0	42,3	21-30	78,4	42,5	100,0	81,5	45,0	100,0	91,7	77,5	100,0	93,5	77,5	100,0	96,1	90,0	100,0	97,1	90,0	100,0
<b>n</b>	10			21-30	7			7			10			10			10			10		
<b>PAPRH</b>	9,3	6,8	14,2	21-30	100,0	100,0	100,0	100,0	100,0	100,0	87,7	63,0	100,0	89,8	69,3	100,0	90,8	72,3	100,0	92,1	76,3	100,0
<b>n</b>	3			21-30	2			2			3			3			3			3		
<b>STEME</b>	13,90	6,25	26,00	21-30	89,51	81,30	100,00	90,51	81,30	100,00	93,76	83,80	98,75	92,65	80,00	100,00	98,20	97,50	100,00	96,30	92,50	98,00
<b>n</b>	5			21-30	4			4			5			5			5			5		
<b>THLAR</b>	13,9	7,8	20,5	21-30	89,5	76,3	100,0	89,9	78,8	100,0	94,9	87,5	100,0	96,1	91,3	100,0	98,0	95,0	100,0	98,2	95,0	100,0
<b>n</b>	6			21-30	5			5			6			6			6			6		
<b>VIOAR</b>	13,97	7,00	33,00	21-30	68,01	21,25	99,00	68,52	23,75	99,50	71,30	27,50	100,00	72,93	30,00	100,00	73,54	28,75	100,00	74,55	33,75	100,00
<b>n</b>	6			21-30	6			6			6			6			6			6		
<b>VERHE</b>	9,8	9,8	9,8	21-30	22,5	22,5	22,5	26,3	26,3	26,3	23,8	23,8	23,8	27,5	27,5	27,5	27,5	27,5	27,5	32,5	32,5	32,5
<b>n</b>	1			21-30	1			1			1			1			1			1		
<b>VERPE</b>	9,8	7,3	13,0	21-30	56,9	30,0	83,8	55,6	30,0	81,3	53,8	21,3	80,0	57,1	23,8	87,5	65,0	27,5	97,5	65,0	28,8	96,3
<b>n</b>	3			21-30	2			2			3			3			3			3		

**Table 3.2-12 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring cereals, 27-33 DAA , South East EPPO zone.**

weed code	Weed density UNCK (PLA/m <sup>2</sup> )			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
CAPBP	5,5	5,5	5,5	27-33	82,3	82,3	82,3	81,5	81,5	81,5	85,5	85,5	85,5	85,5	85,5	85,5	94,3	94,3	94,3	96,0	96,0	96,0
n	1			27-33	1			1			1			1			1			1		
CHEAL	7,9	5,8	10,0	27-33	91,1	82,3	100,0	91,1	82,3	100,0	93,5	87,0	100,0	93,1	86,3	100,0	97,6	95,3	100,0	98,1	96,3	100,0
n	2			27-33	2			2			2			2			2			2		
MATIN	5,5	5,5	5,5	27-33	83,5	83,5	83,5	83,5	83,5	83,5	85,5	85,5	85,5	86,0	86,0	86,0	96,0	96,0	96,0	96,3	96,3	96,3
n	1			27-33	1			1			1			1			1			1		
POLPE	7,5	7,5	7,5	27-33	81,0	81,0	81,0	80,5	80,5	80,5	86,3	86,3	86,3	86,5	86,5	86,5	91,8	91,8	91,8	96,3	96,3	96,3
n	1			27-33	1			1			1			1			1			1		
STEME	5,0	5,0	5,0	27-33	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			27-33	1			1			1			1			1			1		

**Table 3.2-13 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring cereals, 26 DAA , North East EPPO zone.**

weed code	Weed density UNCK (PLA/m <sup>2</sup> )			DAT	AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
CENCY	6,0	6,0	6,0	26,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			26	1			1			1			1		
CHEAL	9,5	8,0	11,0	26,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			26	2			2			2			2		
POLPE	10,8	10,8	10,8	26,0	97,5	97,5	93,8	95,0	95,0	95,0	98,8	98,8	98,8	98,8	98,8	98,8
n	1			26	1			1			1			1		
POLCO	8,9	8,0	9,8	26,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			26	2			2			2			2		
STEME	10,0	6,0	14,0	26,0	99,4	98,8	100,0	98,2	96,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			26	2			2			2			2		
VIOAR	8,3	7,5	9,0	26,0	98,8	97,5	100,0	99,4	98,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			26	2			2			2			2		

weed code	Weed density UNCK (PLA/m <sup>2</sup> )			DAT	AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
VERPE	7,0	7,0	7,0	26,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			26	1			1			1			1		

**Table 3.2-14 (a) Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring cereals, 35-61 DAA, Maritime EPPO zone.**

weed code	Weed density UNCK (PLA/m <sup>2</sup> )			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
BRSNN	46,3	11,0	69,0	35-61	94,4	91,3	97,0	93,8	90,0	96,3	97,2	96,0	98,3	98,2	97,8	98,8	99,0	98,0	100,0	98,8	98,0	99,5
n	3			35-61	3			3			3			3			3			3		
BRSNW	27,5	7,0	48,0	35-61	97,9	96,3	99,5	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			35-61	2			2			2			2			2			2		
CENCY	31,4	16,0	49,0	35-61	90,0	86,3	92,5	92,4	90,8	95,0	94,6	87,8	97,5	94,2	88,8	98,0	98,1	92,5	100,0	98,0	92,8	100,0
n	5			35-61	4			4			5			5			5			5		
CAPBP	16,6	9,5	24,3	35-61	98,7	98,0	100,0	98,7	98,0	100,0	98,7	98,0	100,0	98,7	98,0	100,0	98,7	98,0	100,0	98,7	98,0	100,0
n	3			35-61	3			3			3			3			3			3		
CHEAL	15,0	5,0	27,0	35-61	96,6	73,8	100,0	96,6	73,8	100,0	98,7	90,0	100,0	98,8	90,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	8			35-61	8			8			8			8			8			8		
FUMOF	7,3	5,0	9,5	35-61	65,0	30,0	100,0	65,0	30,0	100,0	75,0	50,0	100,0	79,4	58,8	100,0	84,4	68,8	100,0	90,0	80,0	100,0
n	2			35-61	2			2			2			2			2			2		
GAETE	9,9	8,0	11,8	35-61	93,2	81,3	100,0	97,9	93,8	100,0	97,6	92,5	100,0	98,3	95,0	100,0	98,8	97,3	100,0	99,0	98,0	100,0
n	4			35-61	3			3			4			4			4			4		
GALAP	6,8	4,0	10,0	35-61	79,6	46,3	100,0	80,0	50,0	100,0	94,3	83,8	100,0	97,0	93,8	100,0	98,4	97,3	100,0	98,9	97,5	100,0
n	4			35-61	3			3			4			4			4			4		
GERDI	10,3	10,3	10,3	35-61	50,0	50,0	50,0	55,0	55,0	55,0	70,0	70,0	70,0	60,0	60,0	60,0	83,8	83,8	83,8	90,0	90,0	90,0
n	1			35-61	1			1			1			1			1			1		
LAMPU	14,3	5,8	34,0	35-61	50,0	20,0	68,8	56,3	22,5	78,8	61,0	22,5	86,3	63,1	25,0	88,8	68,4	25,0	92,5	70,5	27,5	93,8
n	5			35-61	4			4			5			5			5			5		

**Table 3.2-14 (b) Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring cereals, 35-61 DAA, Maritime EPPO zone, (cont.).**

weed code	Weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mea n	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
MATIN	6,0	5,0	7,0	35-61	74,8	50,0	99,5	75,6	51,3	99,8	91,2	82,5	99,8	95,0	90,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			35-61	2			2			2			2			2			2		
MATC H	29,4	9,5	67,0	35-61	92,5	91,3	93,8	94,4	93,8	95,0	96,3	95,5	96,8	97,2	96,5	98,0	98,0	98,0	98,0	98,0	98,0	98,0
n	3			35-61	2			2			3			3			3			3		
MY- OAR	9,9	8,3	11,5	35-61	86,3	82,5	90,0	86,3	80,0	92,5	91,3	87,5	95,0	95,3	92,5	98,0	95,9	93,8	98,0	99,0	98,0	100,0
n	2			35-61	2			2			2			2			2			2		
POLPE	17,3	14,8	20,0	35-61	97,6	95,0	100,0	99,7	99,0	100,0	99,7	99,0	100,0	99,7	99,0	100,0	99,6	98,8	100,0	97,4	92,5	100,0
n	3			35-61	3			3			3			3			3			3		
POLCO	10,7	6,0	20,5	35-61	85,0	50,0	100,0	88,8	60,0	100,0	94,1	82,5	100,0	96,1	83,8	100,0	98,8	94,5	100,0	99,2	97,0	100,0
n	6			35-61	5			5			6			6			6			6		
PAPRH	9,9	6,8	14,2	35-61	100,0	100,0	100,0	100,0	100,0	100,0	90,3	70,8	100,0	91,8	75,3	100,0	91,9	75,8	100,0	94,4	83,3	100,0
n	3			35-61	2			2			3			3			3			3		
STEME	13,2	0,5	28,0	35-61	92,6	83,8	100,0	90,3	76,3	100,0	93,0	82,5	100,0	91,0	78,8	100,0	97,2	93,8	100,0	96,9	90,0	100,0
n	5			35-61	4			4			5			5			5			5		
THLAR	16,6	7,8	26,8	35-61	93,9	80,0	100,0	91,6	78,8	100,0	98,1	94,5	100,0	98,2	95,0	100,0	99,1	96,8	100,0	99,3	98,0	100,0
n	6			35-61	5			5			6			6			6			6		
VIOAR	13,8	6,0	33,0	35-61	68,7	20,0	100,0	69,4	22,5	100,0	71,5	22,5	100,0	71,4	23,8	100,0	73,4	26,3	100,0	73,2	27,5	100,0
n	6			35-61	6			6			6			6			6			6		
VERHE	9,8	9,8	9,8	35-61	20,0	20,0	20,0	21,3	21,3	21,3	22,5	22,5	22,5	25,0	25,0	25,0	25,0	25,0	25,0	27,5	27,5	27,5
n	1			35-61	1			1			1			1			1			1		
VERPE	10,8	7,3	16,0	35-61	53,8	30,0	77,5	52,5	30,0	75,0	55,4	26,3	80,0	58,3	27,5	87,5	66,5	33,3	90,0	68,8	33,8	92,5
n	3				2			2			3			3			3			3		

**Table 3.2-15 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring**

**cereals, 35-54 DAA, South East EPPO zone.**

weed code	Weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
CAPBP	5,5	5,5	5,5	35-54	83,5	83,5	83,5	82,8	82,8	82,8	85,5	85,5	85,5	86,0	86,0	86,0	95,8	95,8	95,8	97,3	97,3	97,3
n	1			35-54	1			1			1			1			1			1		
CHEAL	7,9	5,8	10,0	35-54	91,4	82,8	100,0	90,6	82,8	98,5	93,4	86,8	100,0	92,8	85,5	100,0	97,9	95,8	100,0	97,8	95,5	100,0
n	2			35-54	2			2			2			2			2			2		
MATIN	5,5	5,5	5,5	35-54	82,8	82,8	82,8	84,3	84,3	84,3	86,5	86,5	86,5	86,0	86,0	86,0	97,3	97,3	97,3	97,0	97,0	97,0
n	1			35-54	1			1			1			1			1			1		
POLPE	7,3	7,3	7,3	35-54	82,3	82,3	82,3	81,0	81,0	81,0	85,0	85,0	85,0	86,0	86,0	86,0	95,3	95,3	95,3	96,0	96,0	96,0
n	1			35-54	1			1			1			1			1			1		
STEME	2,0	2,0	2,0	35-54	100,0	100,0	100,0	98,5	98,5	98,5	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			35-54	1			1			1			1			1			1		

**Table 3.2-16 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring cereals, 43 DAA, North East EPPO zone.**

weed code	Weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
CHEAL	12,3	12,3	12,3	43	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			43	1			1			1			1		
POLPE	12,0	12,0	12,0	43	97,5	97,5	97,5	97,5	97,5	97,5	98,8	98,8	98,8	100,0	100,0	100,0
n	1			43	1			1			1			1		
POLCO	11,3	11,3	11,3	43	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			43	1			1			1			1		
STEME	15,5	15,5	15,5	43	98,8	98,8	98,8	92,5	92,5	92,5	100,0	100,0	100,0	100,0	100,0	100,0
n	1			43	1			1			1			1		
VIOAR	8,5	8,5	8,5	43	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	98,8	100,0	100,0	100,0
n	1			43	1			1			1			1		

**Table 3.2-16<sup>17</sup> Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in spring**

**cereals, 60-63 DAA, Maritime EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1			ADM.3304.H.1.A 1,0			AG-CDF1-480 EC 1,5			ADM.3304.H.1.A 1,5			AG-CDF1-480 EC 2,0			ADM.3304.H.1.A 2,0		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>CAPBP</b>	2,0	2,0	2,0	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			60-63	1			1			1			1			1			1		
<b>CHEAL</b>	3,4	3,4	3,4	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			60-63	1			1			1			1			1			1		
<b>GAETE</b>	2,5	2,5	2,5	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			60-63	1			1			1			1			1			1		
<b>GALAP</b>	4,0	4,0	4,0	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			60-63	1			1			1			1			1			1		
<b>POLPE</b>	20,0	20,0	20,0	60-63	94,0	94,0	94,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			60-63	1			1			1			1			1			1		
<b>POLCO</b>	5,0	2,0	8,0	60-63	96,8	96,0	97,5	98,9	98,8	99,0	100,0	100,0	100,0	98,0	96,0	100,0	99,0	98,0	100,0	99,5	99,0	100,0
<b>n</b>	2			60-63	2			2			2			2			2			2		
<b>VIOAR</b>	13,3	13,3	13,3	60-63	95,8	95,8	95,8	94,3	94,3	94,3	99,0	99,0	99,0	95,8	95,8	95,8	99,0	99,0	99,0	96,5	96,5	96,5
<b>n</b>	1			60-63	1			1			1			1			1			1		

Table 3.2-1618 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter

**cereals, 14-28 DAA, Maritime EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>BRSNW</b>	5,0	5,0	5,0	14-28	48,8	48,8	48,8	63,3	63,3	63,3	65,0	65,0	65,0	65,0	65,0	65,0	76,3	76,3	76,3	72,5	72,5	72,5
<b>n</b>	1			14-28	1			1			1			1			1			1		
<b>CAPBP</b>	7,2	5,0	11,3	14-28	85,0	80,0	90,0	81,9	80,0	83,8	88,2	70,0	95,0	89,7	80,0	95,0	92,8	85,0	96,0	92,8	85,0	99,0
<b>n</b>	4			14-28	2			2			4			4			4			4		
<b>FUMOF</b>	5,5	5,5	5,5	14-28	-	-	-	-	-	-	50,0	50,0	50,0	50,0	50,0	50,0	60,0	60,0	60,0	70,0	70,0	70,0
<b>n</b>	1			14-28	-	-	-	-	-	-	1			1			1			1		
<b>GALAP</b>	6,3	5,0	8,0	14-28	61,6	48,8	93,8	64,4	47,5	95,5	76,4	50,0	96,3	79,3	50,0	96,8	80,6	50,0	99,0	84,2	50,0	99,3
<b>n</b>	6			14-28	4			4			6			6			6			6		
<b>GERRT</b>	27,5	27,5	27,5	14-28	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
<b>n</b>	1			14-28	1			1			1			1			1			1		
<b>GERPU</b>	9,0	9,0	9,0	14-28	98,5	98,5	98,5	97,3	97,3	97,3	99,8	99,8	99,8	97,3	97,3	97,3	100,0	100,0	100,0	98,5	98,5	98,5
<b>n</b>	1			14-28	1			1			1			1			1			1		
<b>LAMPU</b>	8,4	7,3	9,5	14-28	40,0	40,0	40,0	46,3	46,3	46,3	59,2	45,0	72,5	61,3	50,0	73,8	73,3	60,0	80,0	73,3	60,0	80,0
<b>n</b>	3			14-28	1			1			3			3			3			3		
<b>MATIN</b>	11,7	5,8	19,0	14-28	63,2	40,0	86,3	63,8	40,0	87,5	73,8	60,0	93,8	78,1	70,0	92,5	78,5	70,0	95,0	85,7	78,8	93,8
<b>n</b>	4			14-28	2			2			4			4			4			4		
<b>MY-OAR</b>	6,3	6,3	6,3	14-28	-	-	-	-	-	-	45,0	45,0	45,0	40,0	40,0	40,0	60,0	60,0	60,0	60,0	60,0	60,0
<b>n</b>	1			14-28	-	-	-	-	-	-	1			1			1			1		
<b>STEME</b>	5,6	5,3	6,0	14-28	40,0	40,0	40,0	40,0	40,0	40,0	74,2	50,0	90,0	72,9	50,0	88,8	80,0	60,0	90,0	80,0	60,0	90,0
<b>n</b>	3			14-28	1			1			3			3			3			3		
<b>THLAR</b>	7,7	7,3	8,0	14-28	75,0	75,0	75,0	73,8	73,8	73,8	90,0	90,0	90,0	90,0	90,0	90,0	91,3	90,0	92,5	92,5	90,0	95,0
<b>n</b>	2			14-28	1			1			2			2			2			2		
<b>VIOAR</b>	20,5	5,5	43,0	14-28	56,3	50,0	62,5	52,5	50,0	55,0	57,1	50,0	71,3	51,7	40,0	65,0	63,3	50,0	80,0	58,3	50,0	75,0
<b>n</b>	3			14-28	2			2			3			3			3			3		
<b>VERPE</b>	11,2	10,3	12,8	14-28	30,0	30,0	30,0	30,0	30,0	30,0	50,0	50,0	50,0	46,7	40,0	50,0	61,7	52,5	70,0	56,3	50,0	66,3
<b>n</b>	3			14-28	1			1			3			3			3			3		

**Table 3.2-1719 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 21-27 DAA, South East EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>CHEAL</b>	6,8	6,8	6,8	21-27	-	-	-	-	-	-	86,0	86,0	86,0	91,5	91,5	91,5	93,8	93,8	93,8	97,3	97,3	97,3
<b>n</b>	1			21-27	-	-	-	-	-	-	1			1			1			1		
<b>GALAP</b>	8,5	8,5	8,5	21-27	-	-	-	-	-	-	81,8	81,8	81,8	94,3	94,3	94,3	92,8	92,8	92,8	94,3	94,3	94,3
<b>n</b>	1			21-27	-	-	-	-	-	-	1			1			1			1		
<b>MATIN</b>	6,8	6,8	6,8	21-27	-	-	-	-	-	-	89,0	89,0	89,0	92,8	92,8	92,8	95,5	95,5	95,5	94,8	94,8	94,8
<b>n</b>	1			21-27	-	-	-	-	-	-	1			1			1			1		
<b>PAPRH</b>	5,8	5,8	5,8	21-27	85,0	85,0	85,0	83,8	83,8	83,8	91,5	91,5	91,5	90,5	90,5	90,5	93,5	93,5	93,5	93,5	93,5	93,5
<b>n</b>	1			21-27	1			1			1			1			1			1		
<b>VIOAR</b>	8,6	6,3	10,8	21-27	33,8	15,0	52,5	35,3	20,5	50,0	38,4	20,5	56,3	36,9	20,0	53,8	41,3	22,5	60,0	43,8	27,5	60,0
<b>n</b>	2			21-27	2			2			2			2			2			2		
<b>VERHE</b>	9,0	8,8	9,3	21-27	80,0	80,0	80,0	80,0	80,0	80,0	88,9	87,8	90,0	91,0	90,0	92,0	93,4	91,0	95,8	93,6	91,5	95,8
<b>n</b>	2			21-27	1			1			2			2			2			2		



**Table 3.2-1820 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 25-29 DAA, North East EPPO zone.**

weed code	Weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
BRSNW	7,3	7,3	7,3	25-29	72,5	72,5	72,5	80,0	80,0	80,0	82,5	82,5	82,5	81,3	81,3	81,3	85,0	85,0	85,0	85,0	85,0	85,0
n	1			25-29	1			1			1			1			1			1		
CENCY	6,00	5,50	6,50	25-29	66,25	66,25	66,25	66,25	66,25	66,25	81,90	77,50	86,30	83,53	81,25	85,80	93,25	91,50	95,00	93,28	90,30	96,25
n	2			25-29	1			1			2			2			2			2		
CAPBP	7,0	7,0	7,0	25-29	-	-	-	-	-	-	87,5	87,5	87,5	86,5	86,5	86,5	94,8	94,8	94,8	95,3	95,3	95,3
n	1			25-29	-	-	-	-	-	-	1			1			1			1		
GALAP	8,0	6,3	11,3	25-29	73,8	67,5	80,0	72,5	66,3	78,8	83,8	81,3	86,5	83,1	81,3	86,8	92,6	85,0	98,8	93,6	85,0	98,8
n	3			25-29	2			2			3			3			3			3		
GERPU	7,0	7,0	7,0	25-29	66,3	66,3	66,3	65,0	65,0	65,0	81,3	81,3	81,3	80,0	80,0	80,0	97,5	97,5	97,5	98,8	98,8	98,8
n	1			25-29	1			1			1			1			1			1		
LAMPU	7,0	5,5	8,0	25-29	66,3	66,3	66,3	68,8	68,8	68,8	85,7	81,3	88,5	85,9	82,5	89,0	94,5	90,3	97,0	95,8	91,5	98,3
n	3			25-29	1			1			3			3			3			3		
MATIN	7,0	6,3	7,3	25-29	76,3	76,3	76,3	78,8	78,8	78,8	78,9	70,3	86,3	78,9	68,3	85,8	90,2	87,5	95,0	91,4	87,5	97,0
n	3			25-29	1			1			3			3			3			3		
PAPRH	9,6	6,3	13,0	25-29	68,8	68,8	68,8	67,5	67,5	67,5	84,8	82,5	87,0	85,0	82,5	87,5	96,9	95,0	98,8	96,7	95,8	97,5
n	2			25-29	1			1			2			2			2			2		
STEME	6,8	6,0	8,3	25-29	72,5	72,5	72,5	78,8	78,8	78,8	83,1	73,8	88,5	84,9	78,8	89,5	88,7	85,0	93,8	90,8	85,0	97,0
n	3			25-29	1			1			3			3			3			3		
VIOAR	8,0	7,5	8,8	25-29	56,9	52,5	61,3	58,1	55,0	61,3	64,0	52,0	73,8	62,4	50,8	72,5	73,4	66,3	79,5	71,3	65,0	79,5
n	4			25-29	2			2			4			4			4			4		
VERAR	6,8	6,3	7,3	25-29	67,5	67,5	67,5	71,3	71,3	71,3	77,5	67,5	87,5	80,3	73,8	86,8	82,3	72,5	92,0	86,3	80,0	92,5
n	2			25-29	1			1			2			2			2			2		
VERHE	5,9	5,8	6,0	25-29	-	-	-	-	-	-	71,1	63,3	78,8	71,4	63,3	79,5	83,7	83,3	84,0	82,7	80,8	84,5
n	2			25-29	-	-	-	-	-	-	2			2			2			2		
VERPE	6,8	6,3	7,3	25-29	-	-	-	-	-	-	70,2	60,8	79,5	70,8	58,3	83,3	75,5	67,0	84,0	76,2	65,8	86,5
<u>n</u>	<u>2</u>			<u>25-29</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2</u>			<u>2</u>			<u>2</u>			<u>2</u>		

**Table 3.2-1921 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 38-58 DAA, Maritime EPPO zone.**

weed code	Weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>BRSNW</b>	5,0	5,0	5,0	38-58	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0
<b>n</b>	1			38-58	1			1			1			1			1			1		
<b>CAPBP</b>	7,9	5,3	11,3	38-58	82,5	82,5	82,5	80,0	80,0	80,0	90,8	72,5	100,0	93,3	80,0	100,0	95,0	85,0	100,0	95,0	85,0	100,0
<b>n</b>	3			38-58	1			1			3			3			3			3		
<b>FUMOF</b>	5,5	5,5	5,5	38-58	-	-	-	-	-	-	50,0	50,0	50,0	50,0	50,0	50,0	60,0	60,0	60,0	70,0	70,0	70,0
<b>n</b>	1			38-58	-	-	-	-	-	-	1			1			1			1		
<b>GALAP</b>	7,1	5,0	11,5	38-58	75,0	40,0	95,0	75,8	42,5	95,0	90,0	85,0	95,0	90,3	83,8	95,0	96,8	90,0	100,0	96,8	90,0	100,0
<b>n</b>	5			38-58	3			3			5			5			5			5		
<b>GERRT</b>	29,5	29,5	29,5	38-58	91,3	91,3	91,3	91,3	91,3	91,3	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0	90,0
<b>n</b>	1			38-58	1			1			1			1			1			1		
<b>LAMPU</b>	8,4	7,3	9,5	38-58	45,0	45,0	45,0	50,0	50,0	50,0	56,7	50,0	60,0	56,7	50,0	60,0	80,0	60,0	90,0	79,6	60,0	90,0
<b>n</b>	3			38-58	1			1			3			3			3			3		
<b>MATIN</b>	9,3	5,8	14,0	38-58	60,0	60,0	60,0	58,8	58,8	58,8	71,3	60,0	83,8	71,7	60,0	85,0	93,3	80,0	100,0	96,7	90,0	100,0
<b>n</b>	3			38-58	1			1			3			3			3			3		
<b>MY-OAR</b>	6,3	6,3	6,3	38-58	-	-	-	-	-	-	45,0	45,0	45,0	40,0	40,0	40,0	60,0	60,0	60,0	52,5	52,5	52,5
<b>n</b>	1			38-58	-	-	-	-	-	-	1			1			1			1		
<b>PAPRH</b>	5,8	5,8	5,8	38-58	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			38-58	1			1			1			1			1			1		
<b>STEME</b>	6,6	5,3	9,0	38-58	58,8	30,0	87,5	60,0	30,0	90,0	79,8	50,0	90,0	81,6	50,0	96,5	89,8	60,0	100,0	89,8	60,0	100,0
<b>n</b>	4			38-58	2			2			4			4			4			4		
<b>THLAR</b>	7,7	7,3	8,0	38-58	91,3	91,3	91,3	90,0	90,0	90,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	2			38-58	1			1			2			2			2			2		
<b>VIOAR</b>	25,4	5,5	52,8	38-58	90,7	87,5	93,8	88,8	87,5	90,0	77,1	50,0	91,3	75,6	45,0	91,8	81,9	60,0	94,3	78,7	52,5	92,3
<b>n</b>	3			38-58	2			2			3			3			3			3		
<b>VERPE</b>	12,2	10,3	15,5	38-58	61,2	30,0	92,3	60,9	30,0	91,8	60,8	50,0	93,0	58,5	40,0	93,8	72,2	60,0	95,0	70,0	55,0	95,0
<b>n</b>	4			38-58	2			2			4			4			4			4		

**Table 3.2-2022 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 34-48 DAA, South East EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
CHEAL	7,5	7,5	7,5	34-48	-	-	-	-	-	-	88,0	88,0	88,0	90,5	90,5	90,5	93,8	93,8	93,8	96,5	96,5	96,5
n	1			34-48	-	-	-	-	-	-	1			1			1			1		
GALAP	8,8	8,8	8,8	34-48	-	-	-	-	-	-	84,3	84,3	84,3	93,5	93,5	93,5	94,3	94,3	94,3	93,5	93,5	93,5
n	1			34-48	-	-	-	-	-	-	1			1			1			1		
MATIN	10,5	7,0	14,0	34-48	80,8	80,8	80,8	77,3	77,3	77,3	82,7	76,3	89,0	85,3	77,0	93,5	91,3	86,5	96,0	90,8	85,0	96,5
n	2			34-48	1			1			2			2			2			2		
PAPRH	17,5	17,5	17,5	34-48	85,8	85,8	85,8	85,3	85,3	85,3	92,0	92,0	92,0	91,5	91,5	91,5	94,5	94,5	94,5	94,8	94,8	94,8
n	1			34-48	1			1			1			1			1			1		
STEME	88,0	88,0	88,0	34-48	66,8	66,8	66,8	71,5	71,5	71,5	65,0	65,0	65,0	73,8	73,8	73,8	80,0	80,0	80,0	82,0	82,0	82,0
n	1			34-48	1			1			1			1			1			1		
VIOAR	9,5	6,3	11,5	34-48	42,5	22,5	52,5	43,8	31,3	50,0	46,7	31,3	56,3	45,0	31,3	53,8	48,3	35,0	60,0	55,7	40,0	67,0
n	3			34-48	3			3			3			3			3			3		
VERHE	9,0	8,8	9,3	34-48	81,8	81,8	81,8	81,8	81,8	81,8	88,8	86,5	91,0	91,3	91,0	91,5	94,3	94,3	94,3	94,8	94,5	95,0
n	2			34-48	1			1			2			2			2			2		

**Table 3.2-2123 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 57-61 DAA, North East EPPO zone.**

[illegible]

weed code	weed UNCK (PLA/m2) density			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
LAMPU	8,0	8,0	8,0	57-61	-	-	-	-	-	-	87,3	87,3	87,3	88,5	88,5	88,5	97,8	97,8	97,8	91,5	91,5	91,5
n	1			57-61	1			1			1			1			1			1		
MATIN	6,8	6,3	7,3	57-61	90,0	90,0	90,0	91,3	91,3	91,3	83,5	74,5	92,5	83,9	72,8	95,0	93,8	88,5	99,0	93,2	90,3	96,0
n	2			57-61	1			1			2			2			2			2		
STEME	7,1	6,0	8,3	57-61	86,3	86,3	86,3	86,3	86,3	86,3	90,0	87,5	92,5	88,5	87,5	89,5	96,8	96,0	97,5	96,5	96,0	97,0
n	2			57-61	1			1			2			2			2			2		
VIOAR	8,2	7,5	8,8	57-61	61,3	61,3	61,3	61,3	61,3	61,3	58,1	52,5	63,8	57,3	50,8	63,8	68,3	66,3	70,3	66,7	65,0	68,3
n	2			57-61	1			1			2			2			2			2		
VERAR	6,8	6,3	7,3	57-61	77,5	77,5	77,5	83,8	83,8	83,8	87,4	83,8	91,0	87,6	86,3	89,0	94,8	90,0	99,5	93,5	88,8	98,3
n	2			57-61	1			1			2			2			2			2		
VERHE	6,0	6,0	6,0	57-61	-	-	-	-	-	-	63,3	63,3	63,3	63,3	63,3	63,3	84,0	84,0	84,0	84,5	84,5	84,5
n	1			57-61	-	-	-	-	-	-	1			1			1			1		
VERPE	7,0	7,0	7,0	57-61	-	-	-	-	-	-	60,8	60,8	60,8	58,3	58,3	58,3	67,5	67,5	67,5	65,8	65,8	65,8
n	1			57-61	-	-	-	-	-	-	1			1			1			1		

**Table 3.2-2224 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 63-109 DAA, Maritime EPPO zone.**

weed code	weed UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1			ADM.3304.H.1.A 1,0			AG-CDF1-480 EC 1,5			ADM.3304.H.1.A 1,5			AG-CDF1-480 EC 2,0			ADM.3304.H.1.A 2,0		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>BRSNW</b>	5,0	5,0	5,0	63-109	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0
<b>n</b>	1			63-109	1			1			1			1			1			1		
<b>CAPBP</b>	9,2	7,0	11,3	63-109	81,3	81,3	81,3	80,0	80,0	80,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	2			63-109	1			1			2			2			2			2		
<b>GALAP</b>	6,7	5,0	11,5	63-109	84,8	40,0	100,0	85,4	42,5	100,0	93,1	80,0	100,0	93,6	82,5	100,0	99,8	99,0	100,0	99,8	99,0	100,0
<b>n</b>	5			63-109	4			4			5			5			5			5		
<b>GERPU</b>	7,0	7,0	7,0	63-109	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			63-109	1			1			1			1			1			1		
<b>LAMPU</b>	8,9	8,3	9,5	63-109	45,0	45,0	45,0	50,0	50,0	50,0	60,0	60,0	60,0	60,0	60,0	60,0	90,0	90,0	90,0	89,4	88,8	90,0
<b>n</b>	2			63-109	1			1			2			2			2			2		
<b>MATIN</b>	10,3	8,0	14,0	63-109	80,0	60,0	100,0	80,0	60,0	100,0	81,7	60,0	100,0	81,3	60,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	3			63-109	2			2			3			3			3			3		
<b>PAPRH</b>	5,5	5,5	5,5	63-109	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			63-109	1			1			1			1			1			1		
<b>STEME</b>	7,0	6,0	9,0	63-109	56,9	30,0	83,8	57,5	30,0	85,0	90,6	90,0	91,8	90,6	90,0	91,8	98,1	94,3	100,0	98,5	95,5	100,0
<b>n</b>	3			63-109	2			2			3			3			3			3		
<b>THLAR</b>	7,7	7,3	8,0	63-109	90,0	90,0	90,0	90,0	90,0	90,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	2			63-109	1			1			2			2			2			2		
<b>VIOAR</b>	31,4	15,5	52,8	63-109	83,0	71,3	97,8	80,0	62,5	100,0	90,0	76,3	100,0	89,2	77,5	100,0	93,0	83,8	98,8	93,5	85,0	98,8
<b>n</b>	3			63-109	3			3			3			3			3			3		
<b>VERPE</b>	12,9	10,5	15,5	63-109	55,7	30,0	81,3	55,0	30,0	80,0	61,3	50,0	83,8	61,3	50,0	83,8	72,4	60,0	88,3	73,3	60,0	90,0
<b>n</b>	3			63-109	2			2			3			3			3			3		

**Table 3.2-25 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 69 DAA, South East EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
MATIN	13,5	13,5	13,5	69	97,0	97,0	97,0	97,3	97,3	97,3	97,0	97,0	97,0	97,0	97,0	97,0	97,3	97,3	97,3	97,0	97,0	97,0
n	1			69	1			1			1			1			1			1		
STEME	23,5	23,5	23,5	69	40,0	40,0	40,0	74,0	74,0	74,0	69,0	69,0	69,0	77,3	77,3	77,3	88,0	88,0	88,0	87,5	87,5	87,5
n	1			69	1			1			1			1			1			1		
VIOAR	14,0	14,0	14,0	69	67,5	67,5	67,5	74,5	74,5	74,5	66,3	66,3	66,3	76,5	76,5	76,5	62,5	62,5	62,5	74,3	74,3	74,3
n	1			69	1			1			1			1			1			1		

**Table 3.2-26 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in winter cereals, 63-64 DAA, North East EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
CENCY	6,8	6,8	6,8	63-64	72,5	72,5	72,5	71,3	71,3	71,3	83,8	83,8	83,8	82,5	82,5	82,5	98,8	98,8	98,8	97,5	97,5	97,5
n	1			63-64	1			1			1			1			1			1		
GALAP	9,0	6,8	11,3	63-64	72,5	72,5	72,5	71,3	71,3	71,3	88,2	82,5	93,8	87,3	81,3	93,3	98,1	97,5	98,8	97,9	97,0	98,8
n	2			63-64	1			1			2			2			2			2		
GERPU	6,5	6,5	6,5	63-64	70,0	70,0	70,0	71,3	71,3	71,3	81,3	81,3	81,3	82,5	82,5	82,5	96,3	96,3	96,3	96,3	96,3	96,3
n	1			63-64	1			1			1			1			1			1		
LAMPU	6,8	5,5	8,0	63-64	71,3	71,3	71,3	71,3	71,3	71,3	88,2	82,5	93,8	88,8	82,5	95,0	98,5	97,5	99,5	97,9	97,5	98,3
n	2			63-64	1			1			2			2			2			2		
MATIN	7,3	7,3	7,3	63-64	-	-	-	-	-	-	96,8	96,8	96,8	97,3	97,3	97,3	98,8	98,8	98,8	97,5	97,5	97,5
n	1			63-64	-	-	-	-	-	-	1			1			1			1		
PAPRH	9,9	6,8	13,0	63-64	72,5	72,5	72,5	72,5	72,5	72,5	89,2	82,5	95,8	89,4	83,8	95,0	98,8	98,8	98,8	97,3	95,8	98,8
n	2			63-64	1			1			2			2			2			2		
STEME	6,0	6,0	6,0	63-64	-	-	-	-	-	-	91,3	91,3	91,3	94,0	94,0	94,0	97,5	97,5	97,5	97,0	97,0	97,0
n	1			63-64	-	-	-	-	-	-	1			1			1			1		
VIOAR	8,1	8,0	8,3	63-64	53,8	53,8	53,8	55,0	55,0	55,0	71,0	67,5	74,5	73,9	71,3	76,5	79,5	77,5	81,5	79,1	78,8	79,5
n	2			63-64	1			1			2			2			2			2		

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
VERHE	5,8	5,8	5,8	63-64	-	-	-	-	-	-	82,0	82,0	82,0	83,3	83,3	83,3	86,3	86,3	86,3	87,0	87,0	87,0
n	1			63-64	-	-	-	-	-	-	1			1			1			1		
VERPE	7,0	7,0	7,0	63-64	-	-	-	-	-	-	82,0	82,0	82,0	84,8	84,8	84,8	86,5	86,5	86,5	86,5	86,5	86,5
n	1			63-64	-	-	-	-	-	-	1			1			1			1		

**Table 3.2-2527 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in in grass-land, 20-63 DAA, Maritime EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
ANRSY	8,3	8,3	8,3	20-63	88,8	88,8	88,8	91,5	91,5	91,5	92,5	92,5	92,5	89,0	89,0	89,0	89,5	89,5	89,5	94,3	94,3	94,3
n	1			20-63	1			1			1			1			1			1		
ACHMI	7,8	7,8	7,8	20-63	67,5	67,5	67,5	81,3	81,3	81,3	88,8	88,8	88,8	81,3	81,3	81,3	93,3	93,3	93,3	89,3	89,3	89,3
n	1			20-63	1			1			1			1			1			1		
CAPBP	5,5	5,5	5,5	20-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			20-63	1			1			1			1			1			1		
HERSP	6,8	6,8	6,8	20-63	88,3	88,3	88,3	91,0	91,0	91,0	92,3	92,3	92,3	88,3	88,3	88,3	91,5	91,5	91,5	95,3	95,3	95,3
n	1			20-63	1			1			1			1			1			1		
PLAMA	-	-	-	20-63	-	-	-	-	-	-	87,5	87,5	87,5	60,0	60,0	60,0	82,5	82,5	82,5	77,5	77,5	77,5
n	1			20-63	-	-	-	-	-	-	1			1			1			1		
RANAC	9,8	9,8	9,8	20-63	60,0	60,0	60,0	81,3	81,3	81,3	81,3	81,3	81,3	79,5	79,5	79,5	82,8	82,8	82,8	82,5	82,5	82,5
n	1			20-63	1			1			1			1			1			1		
STEME	18,3	18,3	18,3	20-63	70,0	70,0	70,0	82,5	82,5	82,5	75,7	62,5	88,8	72,5	57,5	87,5	72,5	65,0	80,0	70,0	52,5	87,5
n	2			20-63	1			1			2			2			2			2		
RUMOB	5,9	5,9	5,9	20-63	50,0	50,0	50,0	72,5	72,5	72,5	85,0	85,0	85,0	77,5	77,5	77,5	85,0	85,0	85,0	98,5	98,5	98,5
n	1			20-63	1			1			1			1			1			1		
TAROF	11,5	11,5	11,5	20-63	97,8	97,8	97,8	99,0	99,0	99,0	90,1	81,3	98,8	87,6	76,3	98,8	88,8	78,8	98,8	88,9	78,8	99,0
n	1			20-63	1			1			2			2			2			2		

**Table 3.2-2628 Minimum effective dose. Comparison of efficacy of both formulations at proposed label rate, at 75% and 50% dose rates on broad leaf weed in in grass-land, 49-114 DAA, Maritime EPPO zone.**

weed code	weed UNCK (PLA/m2) density			DAT	AG-CDF1-480 EC 1,0 l/ha			ADM.3304.H.1.A 1,0 l/ha			AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
ANRSY	7,0	7,0	7,0	49-114	78,8	78,8	78,8	81,3	81,3	81,3	87,5	87,5	87,5	82,0	82,0	82,0	80,0	80,0	80,0	88,3	88,3	88,3
n	1			49-114	1			1			1			1			1			1		
ACHMI	10,3	10,3	10,3	49-114	80,0	80,0	80,0	86,3	86,3	86,3	83,8	83,8	83,8	87,0	87,0	87,0	92,8	92,8	92,8	87,0	87,0	87,0
n	1			49-114	1			1			1			1			1			1		
CAPBP	5,5	5,5	5,5	49-114	90,0	90,0	90,0	98,8	98,8	98,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			49-114	1			1			1			1			1			1		
HERNI	5,3	5,3	5,3	49-114	-	-	-	-	-	-	14,0	14,0	14,0	44,5	44,5	44,5	31,4	31,4	31,4	6,8	6,8	6,8
n	1			49-114	-	-	-	-	-	-	1			1			1			1		
HERSP	6,8	6,8	6,8	49-114	75,0	75,0	75,0	62,5	62,5	62,5	80,0	80,0	80,0	65,0	65,0	65,0	73,8	73,8	73,8	82,5	82,5	82,5
n	1			49-114	1			1			1			1			1			1		
RANAC	10,0	10,0	10,0	49-114	55,0	55,0	55,0	60,0	60,0	60,0	73,8	73,8	73,8	78,8	78,8	78,8	82,0	82,0	82,0	70,0	70,0	70,0
n	1			49-114	1			1			1			1			1			1		
RANSS	5,0	5,0	5,0	49-114	-	-	-	-	-	-	52,5	52,5	52,5	42,5	42,5	42,5	57,5	57,5	57,5	42,5	42,5	42,5
n	1			49-114	-	-	-	-	-	-	1			1			1			1		
STEME	18,3	18,3	18,3	49-114	70,0	70,0	70,0	91,8	91,8	91,8	81,9	75,0	88,8	67,5	50,0	85,0	61,3	37,5	85,0	95,0	90,0	100,0
n	2			49-114	1			1			2			2			2			2		
RUMOB	5,9	5,9	5,9	49-114	57,5	57,5	57,5	87,5	87,5	87,5	85,0	85,0	85,0	85,0	85,0	85,0	92,5	92,5	92,5	98,3	98,3	98,3
n	1			49-114	1			1			1			1			1			1		
TAROF	16,7	6,0	27,3	49-114	90,8	90,8	90,8	91,3	91,3	91,3	89,0	82,0	97,5	94,1	91,8	98,0	93,8	90,0	98,3	91,7	78,8	98,8
n	3			49-114	1			1			3			3			3			3		



### Summary and conclusions on the minimum effective dose

Majority of efficacy trials (in 7 trials just 75% reduced dose was tested) performed with AG-CDF1-480 EC and ADM.3304.H.1.A had reduced application rates (50% and 75%) of the targeted application rate (2 l/ha) in the treatment list.

Comparing both formulations, dose response within reduced dose rates is comparable and differences between results are not higher than 5%.

According to the presented results, the dose of 2 l/ha of both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A provided the optimum overall control and should be considered as effective against a selected range of broad leaf weeds present on trial locations.

#### **zRMS comments on MED and Efficacy data aggregation and summarizing:**

The efficacy data points for particular weed species are scattered between the non-corresponding assessment dates similarly as in the core dossier, which makes the set equally troublesome in summarizing. Overall, 5 consecutive assessments can be discerned in cereals and 3 assessments – in grassland trials.

However, this time the applicant has compiled the data following the principle of single sampling only, from any particular trial within a determined DAA interval. That is why the summary includes as many as 18 tables for MED and the same number of tables for efficacy summaries. In this way all the target weeds have been included in the summary, and though concluding on efficacy, or on the dose response, requires browsing through more figures overall, the mean values shown (in many cases just treatment means from single trials, in fact) represent the target's response more reliably, compared to the condensed, skewed summaries from averaged multiple assessments, which could be seen in the core dossier.

#### **zRMS comments on the MED results:**

Across the data presented it is evident that the differences between the old and the amended formulation manifest mostly at the level of 1,0L/ha dose rate, while at the 1,5 – 2,0 L /ha dose rate level these differences are negligible in most cases, or sometimes the data testify to the advantage of the ADM.3304.H.1.A, irrespective of the weed species. Overall, the new formulation ADM.3304.H.1.A can be judiciously claimed comparable to its predecessor AG-CDF1-480 EC both in the extent of dose response, and in the efficacy at its target dose rate. The dose rate of **2,0 L/ha can be considered the minimum effective dose rate of ADM.3304.H.1.A**, similar to the older formulation.

### 3.2.3 Efficacy tests (KCP 6.2)

All efficacy trials are presented in this dossier to prove comparability of both formulations AG-CDF1-480 EC and ADM.3304.H.1.A.

Efficacy of target dose rate 2,0 l/ha has been already presented in the previous chapter together with efficacy of both formulations applied at reduced dose rates (50%, 75%). However, for transparency of the MED tables, efficacy summaries in tables 3.2.1 – 3.2-11 – 3.2-28 do not include data of the reference products used in comparisons. Therefore in the following tables 3.2.3-1 to 3.2.3-18 the efficacy data of the target dose rate for both formulations are presented in comparison to zonal reference product, which is EC formulation of fluroxypyr – 100 g/l, clopyralid – 80 g/l and florasulam – 2,5 g/l. Since trials in Poland were performed within the bridging program only and they were not presented in the core dossier (art 33), for these trials, also the local reference product Gold 450 EC is also included in the NE zone summary tables (Tables 3.2.3-3, -6, -10, -13 and -16).

~~In summary tables below, selection of weed plants which efficacy as such was already discussed in core dossier, is presented.~~ In efficacy summary tables presented below (3.2.3-1 to 3.2.3-18), the selection of target species reflects the weed spectrum for which the efficacy was already discussed in the core dossier. The information on the trade names of zonal reference products and their registration status in countries in which they were used is presented in table 3.2-8. Details on trial methodology per crop groups are presented under 3.2.2.

**Table 3.2.3-1(a) Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 21-30 DAA, Maritime EPPO zone .**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
<b>BRSNN</b>	46,3	11,0	69,0	21-30	98,0	96,5	99,5	98,3	98,0	99,0	73,9 97,5	95,8	98,8
<b>n</b>	3			21-30	3			3			3		
<b>BRSNW</b>	11,4	1,3	44,0	21-30	100,0	100,0	100,0	100,0	99,8	100,0	99,0	95,0	100,0
<b>n</b>	5			21-30	5			5			5		
<b>CENCY</b>	30,6	16,0	49,0	21-30	97,2	90,0	100,0	97,0	90,8	100,0	96,1 92,8	87,5	98,5
<b>n</b>	5			21-30	5			5			5		
<b>CAPBP</b>	11,1	2,0	24,3	21-30	99,2	98,0	100,0	99,2	98,0	100,0	99,3	98,0	100,0
<b>n</b>	5			21-30	5			5			5		
<b>CONAR</b>	40,0	40,0	40,0	21-30	85,0	85,0	85,0	86,3	86,3	86,3	75,0	75,0	75,0
<b>n</b>	1			21-30	1			1			1		
<b>CHEAL</b>	14,9	0,8	42,8	21-30	99,0	93,8	100,0	98,8	92,5	100,0	95,5	72,5	100,0
<b>n</b>	11			21-30	11			11			11		
<b>FUMOF</b>	7,3	5,0	9,5	21-30	79,5	60,0	99,0	89,5	80,0	99,0	79,3	60,0	98,5
<b>n</b>	2			21-30	2			2			2		
<b>GAETE</b>	10,2	8,0	11,8	21-30	98,0	95,0	100,0	98,3	96,0	100,0	94,8	87,5	98,8
<b>n</b>	4			21-30	4			4			4		
<b>GALAP</b>	7,7	4,0	10,0	21-30	97,8	93,8	100,0	97,6	95,0	100,0	97,7	90,0	100,0
<b>n</b>	6			21-30	6			6			6		
<b>GERDI</b>	10,3	10,3	10,3	21-30	80,0	80,0	80,0	80,0	80,0	80,0	80,0	80,0	80,0
<b>n</b>	1			21-30	1			1			1		
<b>LAMPU</b>	15,3	5,8	34,0	21-30	64,3	28,8	90,0	68,9	33,8	96,3	57,7	27,5	80,8
<b>n</b>	5			21-30	5			5			5		

**Table 3.2.3-1(b) Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 21-30 DAA, Maritime EPPO zone (cont) .**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
<b>MATIN</b>	6,5	5,0	7,0	21-30	98,1	92,5	100,0	97,5	90,0	100,0	97,5	90,0	100,0
<b>n</b>	4			21-30	4			4			4		
<b>MATCH</b>	22,8	2,8	67,0	21-30	98,2	96,8	100,0	98,5	98,0	100,0	98,5	98,0	100,0
<b>n</b>	4			21-30	4			4			4		
<b>MYOAR</b>	11,9	8,3	15,5	21-30	95,4	93,8	97,0	95,9	93,8	98,0	82,6	96,5	96,5
<b>n</b>	2			21-30	2			2			2		
<b>POLPE</b>	16,9	14,8	20,0	21-30	99,0	98,0	100,0	98,7	98,0	100,0	99,0	97,5	100,0
<b>n</b>	3			21-30	3			3			5		
<b>POLCO</b>	11,8	1,0	42,3	21-30	96,1	90,0	100,0	97,1	90,0	100,0	96,1	77,5	100,0
<b>n</b>	10			21-30	10			10			10		
<b>PAPRH</b>	9,3	6,8	14,2	21-30	90,8	72,3	100,0	92,1	76,3	100,0	98,8	96,3	100,0
<b>n</b>	3			21-30	3			3			3		
<b>STEME</b>	13,90	6,25	26,00	21-30	98,20	97,50	100,00	96,30	92,50	98,00	94,7	87,5	98,0
<b>n</b>	5			21-30	5			5			5		
<b>THLAR</b>	13,9	7,8	20,5	21-30	98,0	95,0	100,0	98,2	95,0	100,0	94,3	75,0	100,0
<b>n</b>	6			21-30	6			6			6		
<b>VIOAR</b>	13,97	7,00	33,00	21-30	73,54	28,75	100,00	74,55	33,75	100,00	68,5	25,0	99,0
<b>n</b>	6			21-30	6			6			6		
<b>VERHE</b>	9,8	9,8	9,8	21-30	27,5	27,5	27,5	32,5	32,5	32,5	26,3	26,3	26,3
<b>n</b>	1			21-30	1			1			1		
<b>VERPE</b>	9,8	7,3	13,0	21-30	65,0	27,5	97,5	65,0	28,8	96,3	53,8	22,5	70,0
<b>n</b>	3			21-30	3			3			3		

**Table 3.2.3-2 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 27-33 DAA, South East EPPO zone .**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
CAPBP	5,5	5,5	5,5	27-33	94,3	94,3	94,3	96,0	96,0	96,0	96,0	96,0	96,0
n	1			27-33	1			1			1		
CHEAL	7,9	5,8	10,0	27-33	97,6	95,3	100,0	98,1	96,3	100,0	97,2	95,0	99,3
n	2			27-33	2			2			2		
MATIN	5,5	5,5	5,5	27-33	96,0	96,0	96,0	96,3	96,3	96,3	96,8	96,8	96,8
n	1			27-33	1			1			1		
POLPE	7,5	7,5	7,5	27-33	91,8	91,8	91,8	96,3	96,3	96,3	95,5	95,5	95,5
n	1			27-33	1			1			1		
STEME	5,0	5,0	5,0	27-33	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			27-33	1			1			1		

**Table 3.2.3-3 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 26 DAA, North East EPPO zone .**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha			GOLD 450 EC 1,25 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
CENCY	6,0	6,0	6,0	26	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			26	1			1			1			1			1			1		
CHEAL	9,5	8,0	11,0	26	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			26	2			2			2			2			2			2		
CIRAR	6,3	-	-		100,0	-	-	100,0	-	-	97,5	-	-	100,0	-	-	100,0	-	-	95,0	-	-
n	1				1			1			1			1			1			1		
POLPE	10,8	10,8	10,8	26	97,5	97,5	93,8	95,0	95,0	95,0	98,8	98,8	98,8	98,8	98,8	98,8	91,3	91,3	91,3	81,3	81,3	81,3
n	1			26	1			1			1			1			1			1		
POLCO	8,9	8,0	9,8	26	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	98,2	96,3	100,0	95,0	90,0	100,0
n	2			26	2			2			2			2			2			2		
STEME	10,0	6,0	14,0	26	99,4	98,8	100,0	98,2	96,3	100,0	100,0	100,0	100,0	100,0	100,0	100,0	92,5	85,0	100,0	91,9	83,8	100,0

weed code	weed density UNCK (PLA/m2)			DA T	AG-CDF1-480 EC 1,5 l/ha			ADM.3304.H.1.A 1,5 l/ha			AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha			GOLD 450 EC 1,25 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max	mean	min	max
n	2			26	2			2			2			2			2			2		
VIOAR	8,3	7,5	9,0	26	98,8	97,5	100,0	99,4	98,8	100,0	100,0	100,0	100,0	100,0	100,0	100,0	75,7	60,0	91,3	94,4	88,8	100,0
n	2			26	2			2			2			2			2			2		
VERPE	7,0	7,0	7,0	26	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			26	1			1			1			1			1			1		

**Table 3.2.3-42 (a) Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 35-61 DAA, Maritime EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
BRSNN	46,3	11,0	69,0	35-61	99,0	98,0	100,0	98,8	98,0	99,5	98,4	97,3	100,0
n	3			35-61	3			3			3		
BRSNW	27,5	7,0	48,0	35-61	100,0	100,0	100,0	100,0	100,0	100,0	95,6	91,3	100,0
n	2			35-61	2			2			2		
CENCY	31,4	16,0	49,0	35-61	98,1	92,5	100,0	98,0	92,8	100,0	97,8	93,8	99,8
n	5			35-61	5			5			5		
CAPBP	16,6	9,5	24,3	35-61	98,7	98,0	100,0	98,7	98,0	100,0	98,7	98,0	100,0
n	3			35-61	3			3			3		
CHEAL	15,0	5,0	27,0	35-61	100,0	100,0	100,0	100,0	100,0	100,0	98,9	95,0	100,0
n	8			35-61	8			8			8		
FUMOF	7,3	5,0	9,5	35-61	84,4	68,8	100,0	90,0	80,0	100,0	80,0	60,0	100,0
n	2			35-61	2			2			2		
GAETE	9,9	8,0	11,8	35-61	98,8	97,3	100,0	99,0	98,0	100,0	98,6	96,5	100,0
n	4			35-61	4			4			4		
GALAP	6,8	4,0	10,0	35-61	98,4	97,3	100,0	98,9	97,5	100,0	98,3	95,0	100,0
n	4			35-61	4			4			4		
GERDI	10,3	10,3	10,3	35-61	83,8	83,8	83,8	90,0	90,0	90,0	70,0	70,0	70,0
n	1			35-61	1			1			1		

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
LAMPU	14,3	5,8	34,0	35-61	68,4	25,0	92,5	70,5	27,5	93,8	53,3	20,0	85,0
n	5			35-61	5			5			5		

**Table 3.2.3-42 (b) Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 35-61 DAA, Maritime EPPO zone (cont.).**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
<b>MATIN</b>	6,0	5,0	7,0	35-61	100,0	100,0	100,0	100,0	100,0	100,0	96,9	93,8	100
<b>n</b>	2			35-61	2			2			2		
<b>MATCH</b>	29,4	9,5	67,0	35-61	98,0	98,0	98,0	98,0	98,0	98,0	98	98	98
<b>n</b>	3			35-61	3			3			3		
<b>MYOAR</b>	9,9	8,3	11,5	35-61	95,9	93,8	98,0	99,0	98,0	100,0	84,63	71,25	98
<b>n</b>	2			35-61	2			2			2		
<b>POLPE</b>	17,3	14,8	20,0	35-61	99,6	98,8	100,0	97,4	92,5	100,0	99,67	99	100
<b>n</b>	3			35-61	3			3			3		
<b>POLCO</b>	10,7	6,0	20,5	35-61	98,8	94,5	100,0	99,2	97,0	100,0	97,42	90	100
<b>n</b>	6			35-61	6			6			6		
<b>PAPRH</b>	9,9	6,8	14,2	35-61	91,9	75,8	100,0	94,4	83,3	100,0	99,33	98	100
<b>n</b>	3			35-61	3			3			3		
<b>STEME</b>	13,2	0,5	28,0	35-61	97,2	93,8	100,0	96,9	90,0	100,0	95,2	90	100
<b>n</b>	5			35-61	5			5			5		
<b>THLAR</b>	16,6	7,8	26,8	35-61	99,1	96,8	100,0	99,3	98,0	100,0	96,42	82,5	100
<b>n</b>	6			35-61	6			6			6		
<b>VIOAR</b>	13,8	6,0	33,0	35-61	73,4	26,3	100,0	73,2	27,5	100,0	67,72	21,25	100
<b>n</b>	6			35-61	6			6			6		
<b>VERHE</b>	9,8	9,8	9,8	35-61	25,0	25,0	25,0	27,5	27,5	27,5	21,25	21,25	21,25
<b>n</b>	1			35-61	1			1			1		
<b>VERPE</b>	10,8	7,3	16,0	35-61	66,5	33,3	90,0	68,8	33,8	92,5	52,52	23,75	72,5
<b>n</b>	3				3			3			3		



**Table 3.2.3-53 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 35-54 DAA, South East Eppo zone.**

weed code	weed UNCK (PLA/m2) density			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
CAPBP	5,5	5,5	5,5	35-54	95,8	95,8	95,8	97,3	97,3	97,3	97,0	97,0	97,0
n	1			35-54	1			1			1		
CHEAL	7,9	5,8	10,0	35-54	97,9	95,8	100,0	97,8	95,5	100,0	97,1	94,3	100,0
n	2			35-54	2			2			2		
MATIN	5,5	5,5	5,5	35-54	97,3	97,3	97,3	97,0	97,0	97,0	96,3	96,3	96,3
n	1			35-54	1			1			1		
POLPE	7,3	7,3	7,3	35-54	95,3	95,3	95,3	96,0	96,0	96,0	95,0	95,0	95,0
n	1			35-54	1			1			1		
STEME	2,0	2,0	2,0	35-54	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			35-54	1			1			1		

**Table 3.2.3-64 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 43 DAA, North East EPPO zone.**

[illegible]

**Table 3.2.3-7** Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in spring cereals, 60-63 DAA , Maritime EPPO zone.

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
CAPBP	2,0	2,0	2,0	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			60-63	1			1			1		
CHEAL	3,4	3,4	3,4	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			60-63	1			1			1		
GAETE	2,5	2,5	2,5	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			60-63	1			1			1		
GALAP	4,0	4,0	4,0	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			60-63	1			1			1		
POLPE	20,0	20,0	20,0	60-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	1			60-63	1			1			1		
POLCO	5,0	2,0	8,0	60-63	99,0	98,0	100,0	99,5	99,0	100,0	100,0	100,0	100,0
n	2			60-63	2			2			2		
VIOAR	13,3	13,3	13,3	60-63	99,0	99,0	99,0	96,5	96,5	96,5	67,5	67,5	67,5
n	1			60-63	1			1			1		

**Table 3.2.3-8** Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 14-28 DAA, Maritime EPPO zone.

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
BRSNW	5,0	5,0	5,0	14-28	76,3	76,3	76,3	72,5	72,5	72,5	79,5	79,5	79,5
n	1			14-28	1			1			1		
CAPBP	7,2	5,0	11,3	14-28	92,8	85,0	96,0	92,8	85,0	99,0	92,2	83,8	95,0
n	4			14-28	4			4			4		
FUMOF	5,5	5,5	5,5	14-28	60,0	60,0	60,0	70,0	70,0	70,0	70,0	70,0	70,0
n	1			14-28	1			1			1		
GALAP	6,3	5,0	8,0	14-28	80,6	50,0	99,0	84,2	50,0	99,3	84,3	50,0	99,0
n	6			14-28	6			6			6		

<b>GERRT</b>	27,5	27,5	27,5	14-28	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0
<b>n</b>	1			14-28	1			1			1		
<b>GERPU</b>	9,0	9,0	9,0	14-28	100,0	100,0	100,0	98,5	98,5	98,5	95,5	95,5	95,5
<b>n</b>	1			14-28	1			1			1		
<b>LAMPU</b>	8,4	7,3	9,5	14-28	73,3	60,0	80,0	73,3	60,0	80,0	67,5	50,0	77,5
<b>n</b>	3			14-28	3			3			3		
<b>MATIN</b>	11,7	5,8	19,0	14-28	78,5	70,0	95,0	85,7	78,8	93,8	87,8	80,0	91,3
<b>n</b>	4			14-28	4			4			4		
<b>MYOAR</b>	6,3	6,3	6,3	14-28	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0	60,0
<b>n</b>	1			14-28	1			1			1		
<b>STEME</b>	5,6	5,3	6,0	14-28	80,0	60,0	90,0	80,0	60,0	90,0	72,9	60,0	90,0
<b>n</b>	3			14-28	3			3			3		
<b>THLAR</b>	7,7	7,3	8,0	14-28	91,3	90,0	92,5	92,5	90,0	95,0	95,0	95,0	95,0
<b>n</b>	2			14-28	2			2			2		
<b>VIOAR</b>	20,5	5,5	43,0	14-28	63,3	50,0	80,0	58,3	50,0	75,0	53,3	50,0	60,0
<b>n</b>	3			14-28	3			3			3		
<b>VERPE</b>	11,2	10,3	12,8	14-28	61,7	52,5	70,0	56,3	50,0	66,3	56,7	50,0	60,0
<b>n</b>	3			14-28	3			3			3		

**Table 3.2.3-94 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 21-27 DAA, South East EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
<b>CHEAL</b>	6,8	6,8	6,8	21-27	93,8	93,8	93,8	97,3	97,3	97,3	96,5	96,5	96,5
<b>n</b>	1			21-27	1			1			1		
<b>GALAP</b>	8,5	8,5	8,5	21-27	92,8	92,8	92,8	94,3	94,3	94,3	94,5	94,5	94,5
<b>n</b>	1			21-27	1			1			1		
<b>MATIN</b>	6,8	6,8	6,8	21-27	95,5	95,5	95,5	94,8	94,8	94,8	96,5	96,5	96,5
<b>n</b>	1			21-27	1			1			1		
<b>PAPRH</b>	5,8	5,8	5,8	21-27	93,5	93,5	93,5	93,5	93,5	93,5	91,0	91,0	91,0
<b>n</b>	1			21-27	1			1			1		

<b>VIOAR</b>	8,6	6,3	10,8	21-27	41,3	22,5	60,0	43,8	27,5	60,0	35,9	19,3	52,5
<b>n</b>	2			21-27	2			2			2		
<b>VERHE</b>	9,0	8,8	9,3	21-27	93,4	91,0	95,8	93,6	91,5	95,8	91,5	87,3	95,8
<b>n</b>	2			21-27	2			2			2		

**Table 3.2.3-10** Comparison of efficacy of both formulations at proposed label rate : 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 25-29 DAA, North East EPPO zone.

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha			GOLD 450 EC 1,25 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>BRSNW</b>	7,3	7,3	7,3	25-29	85,0	85,0	85,0	85,0	85,0	85,0	83,8	83,8	83,8	83,8	83,8	83,8
<b>n</b>	1			25-29	1			1			1			1		
<b>CENCY</b>	6,00	5,50	6,50	25-29	93,25	91,50	95,00	93,28	90,30	96,25	93,5	89,5	97,5	91,5	86,8	96,3
<b>n</b>	2			25-29	2			2			2			2		
<b>CAPBP</b>	7,0	7,0	7,0	25-29	94,8	94,8	94,8	95,3	95,3	95,3	87,5	87,5	87,5	89,8	89,8	89,8
<b>n</b>	1			25-29	1			1			1			1		
<b>GALAP</b>	8,0	6,3	11,3	25-29	92,6	85,0	98,8	93,6	85,0	98,8	92,6	83,8	98,8	93,8	82,5	100,0
<b>n</b>	3			25-29	3			3			3			3		
<b>GERPU</b>	7,0	7,0	7,0	25-29	97,5	97,5	97,5	98,8	98,8	98,8	97,5	97,5	97,5	97,5	97,5	97,5
<b>n</b>	1			25-29	1			1			1			1		
<b>LAMPU</b>	7,0	5,5	8,0	25-29	94,5	90,3	97,0	95,8	91,5	98,3	94,8	88,5	98,3	91,4	84,8	97,5
<b>n</b>	3			25-29	3			3			3			3		
<b>MATIN</b>	7,0	6,3	7,3	25-29	90,2	87,5	95,0	91,4	87,5	97,0	90,7	87,5	96,5	87,4	87,3	87,5
<b>n</b>	3			25-29	3			3			3			3		
<b>PAPRH</b>	9,6	6,3	13,0	25-29	96,9	95,0	98,8	96,7	95,8	97,5	96,3	93,8	98,8	97,9	97,0	98,8
<b>n</b>	2			25-29	2			2			2			2		
<b>STEME</b>	6,8	6,0	8,3	25-29	88,7	85,0	93,8	90,8	85,0	97,0	91,6	85,0	99,5	90,4	82,5	98,3
<b>n</b>	3			25-29	3			3			3			3		
<b>VIOAR</b>	8,0	7,5	8,8	25-29	73,4	66,3	79,5	71,3	65,0	79,5	65,2	55,0	72,5	71,3	61,3	77,0
<b>n</b>	4			25-29	4			4			4			4		
<b>VERAR</b>	6,8	6,3	7,3	25-29	82,3	72,5	92,0	86,3	80,0	92,5	73,5	72,0	75,0	72,3	68,3	76,3
<b>n</b>	2			25-29	2			2			2			2		

<b>VERHE/VERHT</b>	5,9	5,8	6,0	25-29	83,7	83,3	84,0	82,7	80,8	84,5	76,2	69,5	82,8	80,8	78,3	83,3
<b>n</b>	2			25-29	2			2			2			2		
<b>VERPE</b>	6,8	6,3	7,3	25-29	75,5	67,0	84,0	76,2	65,8	86,5	74,4	64,5	84,3	76,7	70,8	82,5
<b>n</b>	2			25-29	2			2			2			2		

**Table 3.2.3-11** Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 38-58 DAA, Maritime EPPO zone.

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
<b>BRSNW</b>	5,0	5,0	5,0	38-58	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0
<b>n</b>	1			38-58	1			1			1		
<b>CAPBP</b>	7,9	5,3	11,3	38-58	95,0	85,0	100,0	95,0	85,0	100,0	98,3	95,0	100,0
<b>n</b>	3			38-58	3			3			3		
<b>FUMOF</b>	5,5	5,5	5,5	38-58	60,0	60,0	60,0	70,0	70,0	70,0	70,0	70,0	70,0
<b>n</b>	1			38-58	1			1			1		
<b>GALAP</b>	7,1	5,0	11,5	38-58	96,8	90,0	100,0	96,8	90,0	100,0	96,8	90,0	100,0
<b>n</b>	5			38-58	5			5			5		
<b>GERRT</b>	29,5	29,5	29,5	38-58	90,0	90,0	90,0	90,0	90,0	90,0	88,8	88,8	88,8
<b>n</b>	1			38-58	1			1			1		
<b>LAMPU</b>	8,4	7,3	9,5	38-58	80,0	60,0	90,0	79,6	60,0	90,0	57,5	52,5	60,0
<b>n</b>	3			38-58	3			3			3		
<b>MATIN</b>	9,3	5,8	14,0	38-58	93,3	80,0	100,0	96,7	90,0	100,0	93,3	80,0	100,0
<b>n</b>	3			38-58	3			3			3		
<b>MYOAR</b>	6,3	6,3	6,3	38-58	60,0	60,0	60,0	52,5	52,5	52,5	60,0	60,0	60,0
<b>n</b>	1			38-58	1			1			1		
<b>PAPRH</b>	5,8	5,8	5,8	38-58	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1			38-58	1			1			1		
<b>STEME</b>	6,6	5,3	9,0	38-58	89,8	60,0	100,0	89,8	60,0	100,0	88,3	60,0	100,0
<b>n</b>	4			38-58	4			4			4		
<b>THLAR</b>	7,7	7,3	8,0	38-58	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	2			38-58	2			2			2		

<b>VIOAR</b>	25,4	5,5	52,8	38-58	81,9	60,0	94,3	78,7	52,5	92,3	65,9	50,0	88,8
<b>n</b>	3			38-58	3			3			3		
<b>VERPE</b>	12,2	10,3	15,5	38-58	72,2	60,0	95,0	70,0	55,0	95,0	63,8	45,0	90,0
<b>n</b>	4			38-58	4			4			4		

**Table 3.2.3-12** Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 34-48 DAA, South East EPPO zone.

weed code	weed UNCK (PLA/m2) density			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
<b>CHEAL</b>	7,5	7,5	7,5	34-48	93,8	93,8	93,8	96,5	96,5	96,5	96,5	96,5	96,5
<b>n</b>	1			34-48	1			1			1		
<b>GALAP</b>	8,8	8,8	8,8	34-48	94,3	94,3	94,3	93,5	93,5	93,5	95,5	95,5	95,5
<b>n</b>	1			34-48	1			1			1		
<b>MATIN</b>	10,5	7,0	14,0	34-48	91,3	86,5	96,0	90,8	85,0	96,5	92,8	87,5	98,0
<b>n</b>	2			34-48	2			2			2		
<b>PAPRH</b>	17,5	17,5	17,5	34-48	94,5	94,5	94,5	94,8	94,8	94,8	92,5	92,5	92,5
<b>n</b>	1			34-48	1			1			1		
<b>STEME</b>	88,0	88,0	88,0	34-48	80,0	80,0	80,0	82,0	82,0	82,0	90,3	90,3	90,3
<b>n</b>	1			34-48	1			1			1		
<b>VIOAR</b>	9,5	6,3	11,5	34-48	48,3	35,0	60,0	55,7	40,0	67,0	33,3	15,0	52,5
<b>n</b>	3			34-48	3			3			3		
<b>VERHE</b>	9,0	8,8	9,3	34-48	94,3	94,3	94,3	94,8	94,5	95,0	93,1	90,5	95,8
<b>n</b>	2			34-48	2			2			2		

**Table 3.2.3-13** Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 57-61 DAA, North East EPPO zone.

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha			GOLD 450 EC 1,25 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
<b>BRSNW</b>	7,3	7,3	7,3	57-61	98,0	98,0	98,0	97,0	97,0	97,0	96,0	96,0	96,0	93,5	93,5	93,5
<b>n</b>	1			57-61	1			1			1			1		
<b>CENCY</b>	5,5	5,5	5,5	57-61	94,5	94,5	94,5	94,0	94,0	94,0	94,5	94,5	94,5	95,8	95,8	95,8
<b>n</b>	1			57-61	1			1			1			1		
<b>CAPBP</b>	7,0	7,0	7,0	57-61	98,3	98,3	98,3	99,5	99,5	99,5	96,5	96,5	96,5	98,3	98,3	98,3
<b>n</b>	1			57-61	1			1			1			1		
<b>GALAP</b>	6,5	6,5	6,5	57-61	93,8	93,8	93,8	90,0	90,0	90,0	87,5	87,5	87,5	88,8	88,8	88,8
<b>n</b>	1			57-61	1			1			1			1		
<b>LAMPU</b>	8,0	8,0	8,0	57-61	97,8	97,8	97,8	91,5	91,5	91,5	96,0	96,0	96,0	90,3	90,3	90,3
<b>n</b>	1			57-61	1			1			1			1		
<b>MATIN</b>	6,8	6,3	7,3	57-61	93,8	88,5	99,0	93,2	90,3	96,0	97,2	96,3	98,0	94,4	90,8	98,0
<b>n</b>	2			57-61	2			2			2			2		
<b>STEME</b>	7,1	6,0	8,3	57-61	96,8	96,0	97,5	96,5	96,0	97,0	96,0	92,5	99,5	93,8	88,8	98,8
<b>n</b>	2			57-61	2			2			2			2		
<b>VIOAR</b>	8,2	7,5	8,8	57-61	68,3	66,3	70,3	66,7	65,0	68,3	59,4	55,0	63,8	69,1	61,3	77,0
<b>n</b>	2			57-61	2			2			2			2		
<b>VERAR</b>	6,8	6,3	7,3	57-61	94,8	90,0	99,5	93,5	88,8	98,3	79,8	72,0	87,5	85,2	82,8	87,5
<b>n</b>	2			57-61	2			2			2			2		
<b>VERHE</b>	6,0	6,0	6,0	57-61	84,0	84,0	84,0	84,5	84,5	84,5	69,5	69,5	69,5	79,5	79,5	79,5
<b>n</b>	1			57-61	1			1			1			1		
<b>VERPE</b>	7,0	7,0	7,0	57-61	67,5	67,5	67,5	65,8	65,8	65,8	64,5	64,5	64,5	73,3	73,3	73,3
<b>n</b>	1			57-61	1			1			1			1		

**Table 3.2.3-14** Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 63-109 DAA, Maritime EPPO zone.

weed code	weed UNCK (PLA/m2)			density	DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max			mean	min	max	mean	min	max	mean	min	max
<b>BRSNW</b>	5,0	5,0	5,0		63-109	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0	99,0
<b>n</b>	1				63-109	1			1			1		
<b>CAPBP</b>	9,2	7,0	11,3		63-109	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	2				63-109	2			2			2		
<b>GALAP</b>	6,7	5,0	11,5		63-109	99,8	99,0	100,0	99,8	99,0	100,0	99,8	99,0	100,0
<b>n</b>	5				63-109	5			5			5		
<b>GERPU</b>	7,0	7,0	7,0		63-109	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1				63-109	1			1			1		
<b>LAMPU</b>	8,9	8,3	9,5		63-109	90,0	90,0	90,0	89,4	88,8	90,0	60,0	60,0	60,0
<b>n</b>	2				63-109	2			2			2		
<b>MATIN</b>	10,3	8,0	14,0		63-109	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	3				63-109	3			3			3		
<b>PAPRH</b>	5,5	5,5	5,5		63-109	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	1				63-109	1			1			1		
<b>STEME</b>	7,0	6,0	9,0		63-109	98,1	94,3	100,0	98,5	95,5	100,0	87,9	68,8	100,0
<b>n</b>	3				63-109	3			3			3		
<b>THLAR</b>	7,7	7,3	8,0		63-109	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
<b>n</b>	2				63-109	2			2			2		
<b>VIOAR</b>	31,4	15,5	52,8		63-109	93,0	83,8	98,8	93,5	85,0	98,8	60,9	45,0	91,3
<b>n</b>	3				63-109	3			3			3		
<b>VERPE</b>	12,9	10,5	15,5		63-109	72,4	60,0	88,3	73,3	60,0	90,0	64,2	56,3	76,3
<b>n</b>	3				63-109	3			3			3		



**Table 3.2.3-15-10 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 69 DAA, South East EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max
MATIN	13,5	13,5	13,5	69	97,3	97,3	97,3	97,0	97,0	97,0	99,0	99,0	99,0
n	1			69	1			1			1		
STEME	23,5	23,5	23,5	69	88,0	88,0	88,0	87,5	87,5	87,5	94,8	94,8	94,8
n	1			69	1			1			1		
VIOAR	14,0	14,0	14,0	69	62,5	62,5	62,5	74,3	74,3	74,3	86,0	86,0	86,0
n	1			69	1			1			1		

**Table 3.2.3-16-11 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in winter cereals, 63-64 DAA, North East EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha			GOLD 450 EC 1,25 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
CENCY	6,8	6,8	6,8	63-64	98,8	98,8	98,8	97,5	97,5	97,5	97,5	97,5	97,5	98,8	98,8	98,8
n	1			63-64	1			1			1			1		
GALAP	9,0	6,8	11,3	63-64	98,1	97,5	98,8	97,9	97,0	98,8	97,6	96,5	98,8	98,5	97,5	99,5
n	2			63-64	2			2			2			2		
GERPU	6,5	6,5	6,5	63-64	96,3	96,3	96,3	96,3	96,3	96,3	96,3	96,3	96,3	96,3	96,3	96,3
n	1			63-64	1			1			1			1		
LAMPU	6,8	5,5	8,0	63-64	98,5	97,5	99,5	97,9	97,5	98,3	98,8	98,8	98,8	94,8	92,0	97,5
n	2			63-64	2			2			2			2		
MATIN	7,3	7,3	7,3	63-64	98,8	98,8	98,8	97,5	97,5	97,5	98,5	98,5	98,5	89,8	89,8	89,8
n	1			63-64	1			1			1			1		
PAPRH	9,9	6,8	13,0	63-64	98,8	98,8	98,8	97,3	95,8	98,8	98,5	97,5	99,5	98,8	98,8	98,8
n	2			63-64	2			2			2			2		
STEME	6,0	6,0	6,0	63-64	97,5	97,5	97,5	97,0	97,0	97,0	99,5	99,5	99,5	99,5	99,5	99,5
n	1			63-64	1			1			1			1		
VIOAR	8,1	8,0	8,3	63-64	79,5	77,5	81,5	79,1	78,8	79,5	74,8	72,0	77,5	76,9	76,3	77,5
n	2			63-64	2			2			2			2		

weed code	weed density UNCK (PLA/m <sup>2</sup> )			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ZONAL REFERENCE 1,5 l/ha			GOLD 450 EC 1,25 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
VERHE	5,8	5,8	5,8	63-64	86,3	86,3	86,3	87,0	87,0	87,0	88,0	88,0	88,0	84,0	84,0	84,0
n	1			63-64	1			1			1			1		
VERPE	7,0	7,0	7,0	63-64	86,5	86,5	86,5	86,5	86,5	86,5	87,8	87,8	87,8	83,3	83,3	83,3
n	1			63-64	1			1			1			1		

**Table 3.2.3-17-12 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in grassland, 20-63 DAA, Maritime EPPO zone.**

weed code	weed density UNCK (PLA/m <sup>2</sup> )			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			SIMPLEX 2,0 l/ha			TAPIR 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
ANRSY	8,3	8,3	8,3	20-63	89,5	89,5	89,5	94,3	94,3	94,3	93,0	93,0	93,0	-	-	-
n	1			20-63	1			1			1			-	-	-
ACHMI	7,8	7,8	7,8	20-63	93,3	93,3	93,3	89,3	89,3	89,3	99,0	99,0	99,0	-	-	-
n	1			20-63	1			1			1			-	-	-
CAPBP	5,5	5,5	5,5	20-63	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	-	-	-
n	1			20-63	1			1			1			-	-	-
HERSP	6,8	6,8	6,8	20-63	91,5	91,5	91,5	95,3	95,3	95,3	96,0	96,0	96,0	-	-	-
n	1			20-63	1			1			1			-	-	-
PLAMA	-	-	-	20-63	82,5	82,5	82,5	77,5	77,5	77,5	-	-	-	82,5	82,5	82,5
n	1			20-63	1			1			-	-	-	1		
RANAC	9,8	9,8	9,8	20-63	82,8	82,8	82,8	82,5	82,5	82,5	99,0	99,0	99,0	-	-	-
n	1			20-63	1			1			1			-	-	-
STEME	18,3	18,3	18,3	20-63	72,5	65,0	80,0	70,0	52,5	87,5	97,3	97,3	97,3	80,0	80,0	80,0
n	2			20-63	2			2			1			1		
RUMOB	5,9	5,9	5,9	20-63	85,0	85,0	85,0	98,5	98,5	98,5	98,8	98,8	98,8	-	-	-
n	1			20-63	1			1			1			-	-	-
TAROF	11,5	11,5	11,5	20-63	88,8	78,8	98,8	88,9	78,8	99,0	98,3	98,3	98,3	80,0	80,0	80,0
n	1			20-63	2			2			1			1		

**Table 3.2.3-18.13 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in grassland, 49-114 DAA, Maritime EPPO zone.**

weed code	weed density UNCK (PLA/m2)			DAT	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			SIMPLEX 2,0 l/ha			TAPIR 1,5 l/ha		
	mean	min	max		mean	min	max	mean	min	max	mean	min	max	mean	min	max
ANRSY	7,0	7,0	7,0	49-114	80,0	80,0	80,0	88,3	88,3	88,3	89,0	89,0	89,0	-	-	-
n	1			49-114	1			1			1			-	-	-
ACHMI	10,3	10,3	10,3	49-114	92,8	92,8	92,8	87,0	87,0	87,0	99,0	99,0	99,0	-	-	-
n	1			49-114	1			1			1			-	-	-
CAPBP	5,5	5,5	5,5	49-114	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	-	-	-
n	1			49-114	1			1			1			-	-	-
HERNI	5,3	5,3	5,3	49-114	31,4	31,4	31,4	6,8	6,8	6,8	-	-	-	41,2	41,2	41,2
n	1			49-114	1			1			-	-	-	1		
HERSP	6,8	6,8	6,8	49-114	73,8	73,8	73,8	82,5	82,5	82,5	87,0	87,0	87,0	-	-	-
n	1			49-114	1			1			1			-	-	-
RANAC	10,0	10,0	10,0	49-114	82,0	82,0	82,0	70,0	70,0	70,0	98,3	98,3	98,3	-	-	-
n	1			49-114	1			1			1			-	-	-
RANSS	5,0	5,0	5,0	49-114	57,5	57,5	57,5	42,5	42,5	42,5	-	-	-	73,0	73,0	73,0
n	1			49-114	1			1			-	-	-	1		
STEME	18,3	18,3	18,3	49-114	61,3	37,5	85,0	95,0	90,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0
n	2			49-114	2			2			1			1		
RUMOB	5,9	5,9	5,9	49-114	92,5	92,5	92,5	98,3	98,3	98,3	100,0	100,0	100,0	-	-	-
n	1			49-114	1			1			1			-	-	-
TAROF	16,7	6,0	27,3	49-114	93,8	90,0	98,3	91,7	78,8	98,8	95,5	95,5	95,5	81,1	80,8	81,3
n	3			49-114	3			3			1			2		

**Table 3.2.3-8 Comparison of efficacy of both formulations at proposed label rate: 2,0 l/ha compared to zonal reference product, on broad leaf weed in grassland, 49-114 days after application:**

weed-code	Weed-density UNCK (PLA/m2)			DAT	zone	AG-CDF1-480 EC 2,0 l/ha			ADM.3304.H.1.A2,0 l/ha			SIMPLEX 2,0 l/ha			TAPIR 1,5 l/ha		
	mean	min	max			mean	min	max	mean	min	max	mean	min	max	mean	min	max
ANRSY	7,00	7,00	7,00	49-114	MAR	80,00	80,00	80,00	88,30	88,30	88,30	89,00	89,00	89,00	-	-	-
☞	‡			49-114	MAR	‡			‡			‡			-	-	-
ACHMI	10,30	10,30	10,30	49-114	MAR	92,80	92,80	92,80	87,00	87,00	87,00	99,00	99,00	99,00	-	-	-
☞	‡			49-114	MAR	‡			‡			‡			-	-	-
CAPBP	5,50	5,50	5,50	49-114	MAR	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00	-	-	-
☞	‡			49-114	MAR	‡			‡			‡			-	-	-
HERNI	5,30	5,30	5,30	49-114	MAR	31,40	31,40	31,40	6,80	6,80	6,80	-	-	-	41,20	41,20	41,20
☞	‡			49-114	MAR	‡			‡			-	-	-	‡		
HERSP	6,80	6,80	6,80	49-114	MAR	73,80	73,80	73,80	82,50	82,50	82,50	87,00	87,00	87,00	-	-	-
☞	‡			49-114	MAR	‡			‡			‡			-	-	-
RANAC	10,00	10,00	10,00	49-114	MAR	82,00	82,00	82,00	70,00	70,00	70,00	98,30	98,30	98,30	-	-	-
☞	‡			49-114	MAR	‡			‡			‡			-	-	-
RANSS	5,00	5,00	5,00	49-114	MAR	57,50	57,50	57,50	42,50	42,50	42,50	-	-	-	73,00	73,00	73,00
☞	‡			49-114	MAR	‡			‡			-	-	-	‡		
STEME	18,30	18,30	18,30	49-114	MAR	61,25	37,50	85,00	95,00	90,00	100,00	100,00	100,00	100,00	100,00	100,00	100,00
☞	‡			49-114	MAR	‡			‡			‡			‡		
RUMOB	5,88	5,88	5,88	49-114	MAR	92,50	92,50	92,50	98,30	98,30	98,30	100,00	100,00	100,00	-	-	-
☞	‡			49-114	MAR	‡			‡			‡			-	-	-
TAROF	16,66	6,00	27,32	49-114	MAR	93,77	90,00	98,30	91,70	78,80	98,80	95,50	95,50	95,50	81,05	80,80	81,30
☞	‡			49-114	MAR	‡			‡			‡			‡		

**zRMS comments:** Table no. „3.2.3-8” above is redundant; it replicates the content of Table 3.2.3-18 in the preceding page.

**BRSNW** (volunteer oil seed rape) was present in ~~6~~ 7 trial sites, ~~3~~ 2 in winter cereals and ~~3~~ 5 in spring cereals. The achieved performance of ADM.3304.H.1.A ranged from ~~76%~~ 73% (in a single trial) to 100% in the individual trials. No significant differences were noted in efficacy level between formulations: AG-CDF1-480 EC and ADM.3304.H.1.A. Both formulations present similar/comparable efficacy with differences below 5%. Dose response at reduced dose rates: 50% and 75% is obvious but not significant, both tested formulations developed very high control level at following assessment intervals. Based on the reported performances this weed species can be grouped as **Susceptible**.

**CAPBP** was present in a total of ~~10~~ 11 trial sites in the Central registration zone, 5 trials in winter cereals and ~~5~~ 6 in spring cereals. Efficacy ranged between 92,83% - 100%. There were no significant differences between both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A. Differences in efficacy level at target dose rate: 2,0 l/ha were below 1% , also differences at reduced dose rates application (MED) were minimal, below 1% of difference. Efficacy reported was in line with efficacy of zonal reference used. Additionally, CAPBP was assessed in grasslands in 1 trial, both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A applied at all dose rates: target dose: 2,0 l/ha and reduced doses: 50% and 75%, achieved excellent efficacy (100%). Very high performance in the range of **Susceptible to Highly Susceptible** was achieved.

**CENCY** was assessed in a total of 8 trial sites, 6 trials in spring cereals, 2 in winter cereals. Efficacy level ranged between: 97,01% - 100%. Differences between both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A in efficacy level at target dose rate: 2,0 l/ha was below 1%, also differences between both formulations at reduced dose rates application (MED) were minimal, below 1% of difference. Efficacy reported was in line with efficacy of zonal reference used. Based on the reported performances this weed species can be grouped as **Highly Susceptible**.

**CHEAL** was assessed in 15 spring cereal trials and 1 winter cereal trial. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A between 93,75% and 100% efficacy was achieved. There were no differences between both formulations at reduced dose rates application (MED). Efficacy reported was in line with efficacy of zonal reference used. Based on the reported performances this weed species can be grouped as **Highly Susceptible to susceptible**.

**CIRAR** was present in 1 trial site in spring cereals in North East EPPO zone. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A between 97,5% and 100% efficacy was achieved. There were no differences between both formulations at reduced dose rates application (MED), both formulations reached excellent level of control: 100%. Efficacy reported was in line with efficacy of zonal reference used. Based on the reported performances this weed species can be grouped as **Highly Susceptible**.

**zRMS comments:**

In the core dossier, CIRAR was assessed in 25 trials in cereals, and classified as susceptible as the result. Considered negligible differences in performance between the old and the new formulation and the main purpose of the present dossier: demonstrating equivalent efficacy, there is no reason to classify CIRAR otherwise, based on a single trial showing higher efficacy. CIRAR should be retained in the label as **Susceptible**.

**CONAR** was assessed in 1 trial site in spring cereals in the Maritime EPPO. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy achieved was 85% for AG-CDF1-480 EC and 86,3% for ADM.3304.H.1.A, efficacy recorded for zonal reference product was: 75%. Also, at minimum effective dose testing (1,5 l/ha) differences between both formulations were less than 2%. Based on the reported performances this weed species can be grouped as **Susceptible**.

**GALAP** was found in a total of ~~12~~ 16 trial sites. ~~6~~ 10 in winter cereals and 6 in spring cereals. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy achieved ranged 90 %-98,8% , differences in control level at MED was below 5%. Based on the reported

performances this weed species can be grouped as **Highly Susceptible**.

**GERDI** was present in 1 trial location in Maritime EPPO zone in spring barley. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy was exactly the same: 80 % also for zonal reference. Regarding MED, the only difference noted for 50% reduced dose rate: 1,0 l/ha: 53,8% and 63,8% for AG-CDF1-480 EC and ADM.3304.H.1.A respectively, at 75% reduced dose rate: 1,5% l/ha efficacy was the same: 73,8%. Based on the reported performances this weed species can be grouped as **Moderately Susceptible**.

**LAMPU** was found in 11 trial sites, 6 of these sites were performed in winter cereals, 5 in spring cereals. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A between 89,4 % and 98,7 % efficacy was achieved. Results for both formulations were comparable with efficacy performed by zonal reference. Differences in control level at MED were below 5%. Based on the reported performances this weed species can be grouped as **Susceptible**.

**zRMS comments:**

In the core dossier the notion is made by the applicant, that LAMPU may be claimed susceptible (Moderately Susceptible, indeed, as shown by the core data) when treated before this weed reaches the GS 39. In the light of the bridging data the species of *Lamium purpureum* deserves a bit more attention.

The results concerning control of LAMPU, summarized at different DAA intervals in Tables 3.2.3-1, -4, -8, -10, 11-14 and 3.2.3-16, demonstrate the efficacy of 69% (n=5), 71% (n=5), 73% (n=3), 96% (n=3), 80% (n=3), 92% (n=1), 89% (n=2) and 99% (n=2) (figures rounded). The incidence of the observed efficacy falling within the 70-84,9% interval – “Moderately Susceptible” (16 observations) - prevails over the instances when the efficacy observed was > 85%, which would justify the claim “Susceptible” (8 observations). This may be confusing, even though the data summarized in such way represent dynamics of the herbicidal effect developing in time. The underlying reason is probably that in some trials the late assessments are missing, e.g. the assessment no. 4 (43-91 DAA) is available for 3 trials only, out of 10. In the most “abundant” assessment no. 3 (24-63 DAA depending on a trial) 8 data points are available (CZ(3), DE(2), PL(3) ) and the range of the efficacy figures is 34-98%. In 3 trials out of those eight the efficacy is ≤ 60%, but in the remaining 5 it exceeds 85%, starting from the value 89%.

The zRMS is inclined to admit that the target weed LAMPU may be indeed classified as **Susceptible**, based on the bridging data, but the restriction concerning the target GS < 39BBCH should be retained, as proposed based on the core dossier data.

**MATCH** was recorded in 4 trial sites all in spring cereals in Maritime EPPO zone.

At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results were exactly the same: 98%. Results for both formulations were equal with efficacy performed by zonal reference. Based on the reported performances this weed species can be grouped as **Highly Susceptible**.

**zRMS comments:**

Despite the high level of control with the test item ADM.3304.H.1.A. shown in MATCH, it should be kept in mind that the obtained results come from 4 trials only, compared to 20 trials in the core dossier demonstrating that the target weed is only susceptible to the former formulation, AG-CDF1-480 EC. Taken that the performance is overall barely different in the new, compared to the old formulation, to the opinion of zRMS the claim for *Matricaria chamomilla* should remain as **Susceptible**.

**MATIN** was in ~~13~~ 14 trial sites, ~~8~~ 9 in winter cereals and 5 in spring cereals. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results stayed on the level 97% - 100%, with difference less than 2% between formulations. Efficacy of both formulations was comparable or better than the efficacy of zonal reference. Based on the reported results, this weed has to be grouped as **Highly Susceptible**.

**MYOAR** was assessed in 3 sites, 1 in winter rye and 2 in spring cereals.

Both formulations performed better control in spring cereals trials, efficacy was respectively: 95,88% and 99% for AG-CDF1-480 EC and ADM.3304.H.1.A. In trial in winter rye efficacy was much lower: 60%

for AG-CDF1-480 EC and 52,5% for ADM.3304.H.1.A, efficacy of zonal reference was 60%. Control on the level of **Moderately Susceptible** can be expected.

**PAPRH** was available for assessment of efficacy in 7 8 trial sites, 4 in spring cereals and 3 4 in winter cereals. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results were equal or differed not more than 3% (98,8%-95,8%). There were no differences in control level at MED or the differences were below 1%. The results achieved were fully comparable to the efficacies reported for zonal reference. Based on the reported results, this weed has to be grouped as **Highly Susceptible**.

**POLCO** appeared in a total of 12 10 trial sites in spring cereals. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results were equal or differed not more than 1%. There were no differences in control level at MED or the differences were below 1% (98,8%-99,2%). The results achieved were fully comparable to the efficacies reported for zonal reference. Based on the reported results, this weed has to be grouped as **Highly Susceptible**.

**STEME** was assessed in 14 16 sites, 8 7 in spring cereals and 6 9 in winter cereals. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results were equal or the differences were not higher than 2%. The same situation was with MED testing, differences between formulation were less than 2% (97,75%-96,55). The results achieved were fully comparable to the efficacies reported for zonal reference.

Additionally, STEME was assessed in 2 trials in grassland in Maritime EPPO zone. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results differed not more than 3%. Based on the reported results, this weed has to be grouped as **Susceptible to Highly Susceptible**.

**zRMS comments:**

Based on the bridging data (16 cereal trials and 2 grassland trials), the susceptibility status of STEME can be maintained such as it was determined in the core dossier (39 cereal trials and 7 grassland trials). This target is **Highly Susceptible** in cereal crops, but **Moderately Susceptible** in grassland crops.

**TAROF** control was assessed in 3 trial sites in grassland. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results were equal: 88,8% and 88,9%. Reference product Simplex, applied at dose rate: 2,0 l/ha achieved efficacy – 98,3% and reference product Tapir at dose rate: 1,5 l/ha 80%. Results suggest that this weed has to be grouped as susceptible to **Highly Susceptible**.

**zRMS comments:**

In two NL trials and one DE trial the efficacy of ADM.3304.H.1.A in control of TAROF was 85,5% (n=3, 18-63 DAA), or 93,8% (n=3, 54-114 DAA). TAROF is **Susceptible**.

**THLAR** was recorded on 8 trials, 6 in spring cereals and 2 in winter cereals. At the target application rate of 2 l/ha for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A efficacy results were equal or the difference between results was less than 2% (100%-99%). The same situation was with minimum effective dose testing. The results achieved were fully comparable to the efficacies reported for zonal reference. Based on the reported results, this weed has to be grouped as susceptible to **Highly Susceptible**.

## Minor use

n.a.

## Yield (and relevant quality indicators), from efficacy trials (in the presence of challenging pest populations)

None of the efficacy trials were harvested.

## Summary and conclusion

All presented bridging efficacy trials comparing formulations: AG-CDF1-480 EC and ADM.3304.H.1.A were performed under GEP conditions and are relevant for judging on efficacy in the Central registration zone. The conditions for performing the bridging experiments, like terms of application and **phase growth stages** of crops were comparable to the conditions in which the experiments testing the effectiveness of AG-CDF1-480 EC formulation were performed. The bridging tests were performed in each of the EPPO climatic zone of our concern: **Maritime, South-Eastern and North-Eastern zones. EPOMAR, EPPOSE and EPPONE.** The results presented show that the efficacy level of both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A is comparable, and formulation changes in **product** AG-CDF1-480 EC do not significantly **influence on** affect the efficacy level of ADM.3304.H.1.A. All efficacy trials presented in this dossier, also **proving** **prove** no negative influence of formulation changes on efficacy level and, in general, **on** crop safety.

### zRMS comments on efficacy:

Great majority of data summarized in Tables 3.2.3-1 – 3.2.3-18 show convincingly that the **efficacy of ADM.3304.H.1.A** at the target dose rate **is equivalent to that of AG-CDF1-480 EC** demonstrated in the core dossier. Where lower efficacy / weed susceptibility is found in some target species, the bridging data are, most of the time, consistent with those submitted in the core, therefore it can be concluded that the composition change does not affect efficacy of the final product ADM.3304.H.1.A.

Independently of proving the efficacy equivalence between ADM.3304.H.1.A and AG-CDF1-480 EC, the bridging trials also compare ADM.3304.H.1.A to zonal and national standards, thereby potentially serving as classical efficacy trials too, which makes joint conclusions based on AG-CDF1-480 EC and ADM.3304.H.1.A data - justified.

According to the applicant's statement: *"In efficacy summary [...] the selection of target species reflects the weed spectrum for which the efficacy was already discussed in the core dossier"* (page 43, Efficacy tests (KCP 6.2), the sentence amended by zRMS under grey highlighting, **original wording – faded**). Irrespective of that, the following weeds: **FUMOF** (3 trials; CZ (2), UK), **GAETE** (5 trials; DE (3), PL, UK), **GERRT** (1 trial; DE), **GERPU** (2 trials; CZ, PL), **POLPE** (5 trials; BE, DE, NL, SK, UK), **VERAR** (2 trials; PL), **ANRSY** (1 trial; DE), **ACHMI** (1 trial; DE), **HERSP** (1 trial; DE), **PLAMA** (2 trials; DE, NL) and **RANAC** (1 trial; DE) are included in the summary (Tables 3.2.3-1 – 3.2.3-18) but are not discussed in the text, by the applicant, as they were absent from or not targeted in the core dossier (the trial count given in brackets for these species refer to the bridging dossier). Based on the limited data from the present submission these species were, provisionally, classified by zRMS (**Table 3.2.3-19**), but were not included in the national (PL) label.

Four other weeds had occurred both in the bridging and the core dossier, but they were not discussed by the applicant either. These weeds are: **VERHE** (7 trials; DE(2), HU, PL(3), SK), **VERPE** (12 trials; CZ(4), DE(2), NL, PL(4), UK), **VIOAR** (18 trials; CZ(3), DE(3), HU(3), PL(5), UK(4)) and **RUMOB** (1 trial; DE). Since these targets **have** already been included in the label produced in the core assessment, their data were revised by zRMS for the final label, the one resulting from the bridging dossier.

The national label is produced based on the final susceptibility classification presented in the Table 3.2.3-19. Changes compared to core assessment are minor, which can be seen and compared in the **Table 3.2.3-20 (xls)**, embedded next to the Table 3.2.3-19.



**Table 3.2.3-19 : Weed species incidence in trials and their susceptibility to ADM.3304.H.1.A. at the target dose rate, based on bridging data alone; EPPO zones data combined.**

weed code	spring cereals	winter cereals	grassland
ACHMI			1
ANRSY			1
BRSNW	5	2	
CAPBP	6	5	1
CENCY	6	2	
CHEAL	15	1	
CIRAR	1		
CONAR	1		
FUMOF	2	1	
GAETE	5		
GALAP	6	10	
GERDI	1		
GERPU		2	
GERRT		1	
HERSP			1
LAMPU	5	6	
MATCH	4		
MATIN	5	9	
MYOAR	2	1	
PAPRH	4	4	
PLAMA			2
POLCO	10		
POLPE	5		
RANAC			1
RUMOB			1
STEME	7	9	2
TAROF			3
THLAR	6	2	
VERAR		2	
VERHE	3	4	
VERPE	6	6	
VIOAR	7	11	

Colour coding of susceptibility classes:

HS	Highly Sensitive
S	Sensitive
MS	Moderately Sensitive
MT	Moderately Tolerant

**Table 3.2.3-20 (spreadsheet): Weed species incidence in trials in EPPO zones, and their susceptibility to the target dose rate of AG-CDF1-480 EC (based on core conclusions) *versus* ADM.3304.H.1.A. (based on bridging data conclusions)**



Table 3.2.3-20 \_xlsx

### 3.3 Information on the occurrence or possible occurrence of the development of resistance (KCP 6.3)

Please refer to core dossier.

#### zRMS comments:

The resistance risk related to introduction of ADM.3304.H.1.A. may be reliably estimated as low to medium. More information and the zRMS evaluation of it can indeed be found in the B3 part of the **core dossier**. Although the core was submitted in the autumn 2019, as the result of the joint evaluation of the combined dossier the resistance risk situation was analyzed by zRMS in November 2021.

### 3.4 Adverse effects on treated crops (KCP 6.4)

Information on trials submitted (3.4: Adverse effects on treated crops)

As required for herbicides, selectivity trials with 1N and 2N dose rate were performed to prove crop safety of both formulations AG-CDF1-480 EC and ADM.3304.H.1.A. Trials were set up on weed-free locations and were assessed for symptoms of phytotoxicity and were harvested and analysed for basic quality parameters. An overview on the number of trials per crop area, country and the type of assessments done are given in Table 3.4- 1 for spring cereals, Table 3.4-2 for winter cereals and Table 3.4-3 for grassland/seed production in Lithuania.

**Table 3.4-1: Presentation of specific selectivity trials (N and 2N rate, all GEP) in spring cereals.**

Crop(s)*	Target(s)*	Country	Years	Type of trial**	EPOMAR	EPPOSE	EPPONE	Total
HORVS	SEL 2N	Poland	2020	S / Y / Q			1	1
		Czech Republic	2020	S / Y / Q	1			1
		Hungary	2019	S / Y / Q		1		1
<b>HORVS Total</b>					<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>
TRZAS	SEL 2N	Germany	2020	S / Y / Q	2			2
		Poland	2020	S / Y / Q			1	1
		Slovakia	2019	S / Y / Q		1 (TRZDU)		1
<b>TRZAS Total</b>					<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
AVESA	SEL 2N	Poland	2020	S / Y /			1	1
		Czech Republic	2020	S / Y / Q	2			2
		Hungary	2019-2020	S / Y / Q		2		2
<b>AVESA Total</b>					<b>2</b>	<b>2</b>	<b>1</b>	<b>5</b>
SECCS	SEL 2N	Germany	2020	S / Y / Q	1			1
<b>SECCS Total</b>					<b>1</b>			<b>1</b>
<b>Total</b>					<b>6</b>	<b>4</b>	<b>3</b>	<b>13</b>

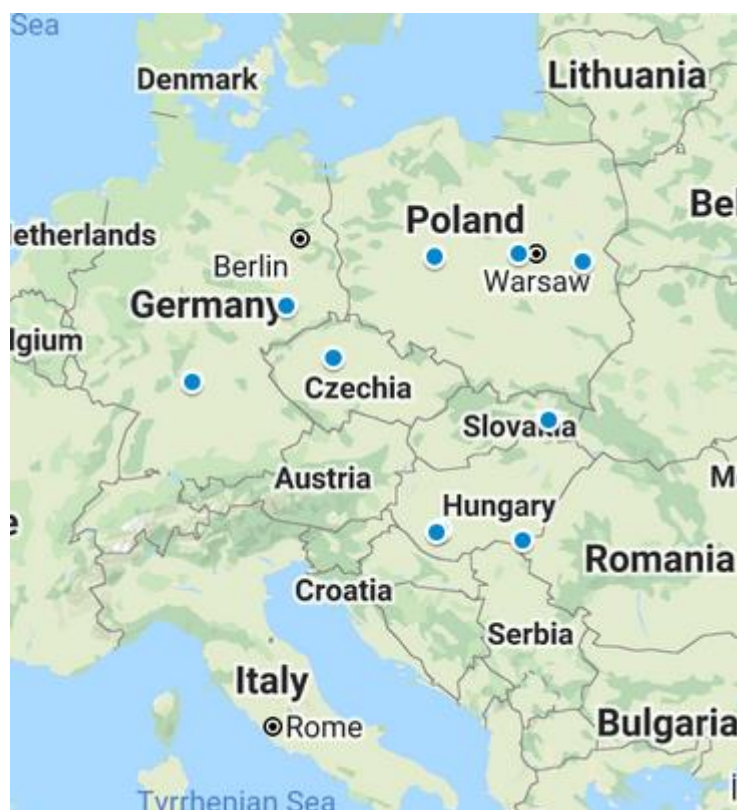


Figure 3.4-1: Map of distribution of spring cereals trials for comparability of selectivity

Table 3.4-2: Presentation of specific selectivity trials (N and 2N rate, all GEP) in winter cereals.

Crop(s)*	Target(s)*	Country	Years	Type of trial**	EPOMAR	EPPOSE	EPPONE	Total
TRZAW	SEL 2N	Poland	2020	S / Y / Q			3	3
		Germany	2020	S / Y / Q	1			1
		Slovakia	2019	S / Y / Q		1		1
<b>TRZAW Total</b>					<b>1</b>	<b>1</b>	<b>3</b>	<b>5</b>
HORVW	SEL 2N	Hungary	2019	S / Y / Q		1		1
		Germany	2020	S / Y / Q	2			2
		Czech Republic	2020	S / Y / Q	2			2
<b>HORVW Total</b>					<b>4</b>	<b>1</b>		<b>5</b>
SECCW	SEL 2N	Hungary	2019-2020	S / Y / Q		2		2
		Czech Republic	2020	S / Y / Q	1			1
<b>SECCW Total</b>					<b>1</b>	<b>2</b>		<b>3</b>
AVESW	SEL 2N	UK	2020	S / Y / Q	1			1
<b>AVESW total</b>					<b>1</b>			<b>1</b>
Total					<b>7</b>	<b>4</b>	<b>3</b>	<b>14</b>



**Figure 3.4-2: Map of distribution of winter cereals trials for comparability of selectivity**

**Table 3.4-3: Presentation of specific selectivity trials (N and 2N rate, all GEP) in grassland.**

Crop(s)*	Target(s)*	Country	Years	Type of trial**	EPOMAR	EPPONE	Total
NNNFW	SEL 2N	Germany	2020	S / Y / Q	2		2
		Czech Republic	2020	S / Y / Q	1		1
<b>NNNFW Total</b>							<b>3</b>
LOLPE	SEL 2N	Lithuania	2020	S / Y / Q		2	2
<b>LOLPE Total</b>							<b>2</b>
Total					<b>3</b>	<b>2</b>	<b>5</b>



**Figure 3.4-3: Map of distribution of grassland/LOLPE trials for comparability of selectivity**

**Table 3.4-4: Presentation of reference standards used in trials (selectivity trials).**

Crop (s)	Reference standard	Country product is registered	Authorization number	Active substance(s)	Formulation type	Concentration of a.s.	Application rate
HOR VS	ARIANE C	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha and 3,0 l/ha
	AG-FF2-102,5	HU	04.2/2295-1/2017	florasulam + fluroxypyr	SE	2,5 g+100g	1,5 l/ha and 3,0 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha and 6,0 l/ha
	GOLD 450 EC	PL	R-19/2020b	2,4-D EHE + fluroxypyr	EC	360 g + 90g	1,25 l/ha and 2,5 l/ha
TRZ AS	ARIANE C	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha and 3,0 l/ha
	MUSTANG FORTE	10-11-1084 (SK) 4712-0(CZ)		2,4-D ester + aminopyralid + florasulam	SE	271 g + 10g + 5g	0,80 l/ha and 1,6 l/ha
	GOLD 450 EC	PL	R-19/2020b	2,4-D EHE + fluroxypyr	EC	360 g + 90g	1,25 l/ha and 2,5 l/ha
AVE SA	ARIANE C	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha and 3,0 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha and 6,0 l/ha
	AG-FF2-102,5	HU	04.2/2295-1/2017	florasulam + fluroxypyr	SE	2,5 g+100g	1,5 l/ha and 3,0 l/ha
	GOLD 450 EC	PL	R-19/2020b	2,4-D EHE + fluroxypyr	EC	360 g + 90g	1,25 l/ha and 2,5 l/ha
	COLOMBUS	HU	02.5/335/3/2008	clopyralid + florasulam+ fluroxypyr	EC	80g +2,5 g+144g	1,0 l/ha and 2,0 l/ha
AVE SW	ARIANE C	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha and 3,0 l/ha
HOR VW	ARIANE C	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha and 3,0 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha and 6,0 l/ha
	AG-FF2-102,5	HU	04.2/2295-1/2017	florasulam + fluroxypyr	SE	2,5 g+100g	1,5 l/ha and 3,0 l/ha
TRZ AW	ARIANE C	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha and 3,0 l/ha
	MUSTANG FORTE	10-11-1084 (SK) 4712-0(CZ)		2,4-D ester + aminopyralid + florasulam	SE	271 g + 10g + 5g	0,80 l/ha and 1,6 l/ha
	GOLD 450 EC	PL	R-19/2020b	2,4-D EHE + fluroxypyr	EC	360 g + 90g	1,25 l/ha and 2,5 l/ha

Crop (s)	Reference standard	Country product is registered	Authorization number	Active substance(s)	Formulation type	Concentration of a.s.	Application rate
SEC CW	ARIANE C	DE	006218-00	fluroxypyr + clopyralid + florasulam	EC	100 g+ 80 g +2,5g	1,5 l/ha and 3,0 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha and 6,0 l/ha
	AG-FF2-102,5	HU	04.2/2295-1/2017	florasulam + fluroxypyr	SE	2,5 g+100g	1,5 l/ha and 3,0 l/ha
	COLOM-BUS	HU	04.2/3311-1/2017. NÉBIH	clopyralid + florasulam+ fluroxypyr	EC	80g +2,5 g+144g	1,0 l/ha and 2,0 l/ha
NNN FW	SIMPLEX	DE	025702-00/00-001	fluroxypyr + aminopyralid	ME	100 g + 30g	2,0 l/ha and 4,0 l/ha
	KINVARA	CZ	5310-0	fluroxypyr + clopyralid + MCPA	ME	50 g + 28g +233g	3,0 l/ha and 6,0 l/ha
	ARIAN FG S	LT	64-39	fluroxypyr + MCPA+clopyralid	EW	40g +200 g +20g	2,5 l/ha and 5,0 l/ha
	STARANE 333 HL	LT	64-39	fluroxypyr	EC	333 g	0,54 l/h and 1,08 l/ha
	STARANE XL	LT	64-39	fluroxypyr + florasulam	SE	100g + 2,5 g	1,8 l/ha and 3,6 l/ha

### 3.4.1 Phytotoxicity to host crop (KCP 6.4.1)

#### Selectivity trials spring cereals

Within this bridging project there were 13, in total, selectivity trials performed in spring cereals: AVESA -5, HORVS -3, SECCS -1 and TRZAS -4 including 1 trial in ~~TRZD~~ TRZDU. Trials were distributed in central registration zone, in EPPO climate zones: EPOMAR, EPPOSE and EPPONE. (Table 3.4-1). ) In all trials quality parameters have been assessed. In all sites 2-5 visual assessments were performed for selectivity. Details of trial methods are given in Table 3.4- 1.

**Table 3.4- 1: Details on trial methodology spring cereals selectivity.**

<b>Guidelines</b>	General guidelines	EPPO PP 1/152 (3/4), 135(3), 1/181(3/4)
	Specific guidelines	EPPO PP 1/93 (3)
<b>Experimental design</b>	Plot design	RCBD (all)
	Plot size	Spring cereals 12,4-30 m²,
	Number of replications	4 (all)
<b>Crop</b>	Trials per crop	Oats (5) Spring wheat (4) Spring barley (3) Spring rye (1)
	Varieties per crop	<u>Oats</u> : Korok, GK Kormorán, Bingo (in PL trial), Poseidon <u>Spring wheat</u> : Sharki, Servus, Quintus (in PL trial) <u>Spring barley</u> : Olympic, Xanadu, Conchita (in PL trial) <u>Spring rye</u> : Arantes
	Sowing period	Oats: 19/03/2020, 19/03/2020, 15/03/2020, 28/03/2020, 03/03/2019 Spring wheat: 23/03/2020, 23/03/2020, 17/03/2020 Spring barley: 19/03/2020, 26/03/2019, 08/04/2020 Spring rye: 23/03/2020
<b>Application</b>	Crop stage (BBCH)* at application	Oats: BBCH 23-36 Spring wheat: BBCH 21- 32 Spring barley: BBCH 24 – 34 Spring rye: BBCH 30-31
	Number of applications Intervals between applications	1
	Spray volumes	200 - 300 L/ha
<b>Assessment</b>	Assessment types	PHYGEN (%) general phyto

		PHYDEP (%) growth depression COUPLA (numbers) plant counting HEIGHT (numbers) plant height TILLER COUPLA (numbers) tillers' counting LODGING (%) visual estimation Yield parameters: HLW- hectoliters weight MOICON – moisture content TKW – thousand kernel weight PROCON- protein content GERMIN- germination SEDZEL- sedimentation
	Assessment dates	2-5 assessment in the range of 0-94 DAT
<b>Other relevant information</b>	Soil type	Loam, clay loam, sandy clay loam, silt loam
	e.g. Natural / artificial inoculation...	Weed-free locations
	e.g. Field / Greenhouse...	Field trials

### Selectivity trials winter cereals

Within this bridging project, there were 13, in total, selectivity trials performed in winter cereals: HORVW – 4, SECCW – 3, TRZAW- 5 and 1 trial in AVESW. Trials were distributed within central registration zone, in EPPO climate zones: EPOMAR, EPPOSE and EPPONE. (Table 3.4- 2). In all trials quality parameters have been assessed. In all sites 2-5 visual assessments were performed for selectivity. Details of trial methods are given in Table 3.4- 2.

**Table 3.4- 3: Details on trial methodology winter cereals selectivity.**

<b>Guidelines</b>	General guidelines	EPPO PP 1/152 (3/4), 135(3), 1/181(3/4)
	Specific guidelines	EPPO PP 1/93 (3)
<b>Experimental design</b>	Plot design	RCBD (all)
	Plot size	winter cereals 10 12.4-30 m <sup>2</sup>
	Number of replications	4 (all)
<b>Crop</b>	Trials per crop	Winter rye (3) Winter wheat (5) Winter barley (4) Winter oats (1)
	Varieties per crop	<u>Winter rye:</u> Inspector, Protector, Varda <u>Winter wheat:</u> Montana, Zeppelin (in PL trial), Delavar (in PL trial), Ozon (in PL trial), Madejka <u>Winter barley:</u> KWS Kosmos, SU Ellen, Lomerit <u>Winter oats :</u> Gerald
	Sowing period	Winter rye: 02/10/2019, 04/10/2018, 10/10/2019 Winter wheat: 15/10/2019, 22/10/2019, 23/09/2019, 26/09/2019, 26/09/2018 Winter barley: 19/09/2019, 17/10/2018, 19/09/2019, 25/09/2019 Winter oats: 07/10/2019
<b>Application</b>	Crop stage (BBCH)* at application	Winter rye: BBCH 28- 33 Winter wheat: BBCH 23- 32 Winter barley: BBCH 23 – 33
	Number of applications Intervals between applications	1
	Spray volumes	200 - 300 L/ha
<b>Assessment</b>	Assessment types	PHYGEN (%) – general phyto GRORED (%) – growth reduction

		PHYBLE (%) – bleaching PHYCHL (%) – chlorosis COUPLA (numbers) plant counting HEIGHT (numbers) plant height TILLER COUPLA (numbers) tillers' counting LODGING (%) visual estimation Yield parameters: HLW- hectoliters weight MOICON – moisture content TKW – thousand kernel weight PROCON- protein content GERMIN- germination SEDZEL- sedimentation
	Assessment dates	2-6 assessment in the range of 0-116 DAT
<b>Other relevant information</b>	Soil type	clay loam, loam, loamy sand, fine sand, silty sand, loamy clay, sandy loam, sandy loam, silt loam
	e.g. Natural / artificial inoculation...	weed free locations
	e.g. Field / Greenhouse...	Field trials

### Selectivity trials grassland

Within this bridging project, there were 5, in total, selectivity trials performed in grassland (Table 3.4-3). 3 trials located in EPPOMAR climate zone were performed in grassland for harvesting forage, visual assessments were performed observing any negative effects on the crop concerning phytotoxicity and vigor, trials were harvested and yield and quality yield parameters were determined.

Additionally, 2 supportive selectivity trials were conducted in the Northern registration zone North East EPPO climate zone (Lithuania). These 2 trials were performed on grass seed production plantation of LOLPE. Visual assessments were performed observing any negative effects on the crop concerning phytotoxicity. The trials were harvested and yield and quality parameters determined. Details of trial methods are given in Table 3.4- 8.

**Table 3.4- 8: Details on trial methodology grassland selectivity.**

<b>Guidelines</b>	General guidelines	EPPO PP 1/152 (3), 1/135(3), 1/181(3), 1/225(2)
	Specific guidelines	EPPO PP 1/61 (3), 1/93(3)
<b>Experimental design</b>	Plot design	RCBD (all)
	Plot size	<del>10-25</del> 20-30 m <sup>2</sup>
	Number of replications	4 (all)
<b>Crop</b>	Trials per crop	LOLPE (2) NNNFW (3)
	Varieties per crop	LOLPE (2) Verseka, Elena DS NNNFW -
	Sowing period	01/09/2014, 24/04/2018, 22/04/2019
<b>Application</b>	Crop stage (BBCH)* at application	BBCH 22-39
	Number of applications Intervals between applications	1
	Spray volumes	200-300 L/ha



<b>Assessment</b>	Assessment types	PHYGEN (%) – general phyto Yield : HLW = weight 100 Ltr (hl) TKW = weight thousand kernel GERMIN = germination MOICON = moisture content WEIFRE – weight -fresh WEIDRY – weight-dry WEIDRY = weight - dry / dry matter content CONASH = content - ash PROCON = protein content CONFAT = content - fat CONCRU = content - crude fibre SUGCON/CONSUG = sugar content NDF = neutral detergent fibre EFOS = enzyme digestible organic matter CONPRE = content - energetic digestible protein CONFRU = content fructose CONPRN = content - nitrogen digestible protein CONNEL = content - net energy of lactation CONNEG = content - net energy of gain DIGEST = digestibility CONPRN = content - nitrogen digestible protein
	Assessment dates	3-4 assessments in the range of 7-154 DA-A
<b>Other relevant information</b>	Soil type	loamy sand, sandy loam, loam
	e.g. Field / Greenhouse...	Field trials

## Results selectivity in efficacy trials

In the efficacy bridging trials presented under chapter 3.2.2 phytotoxicity symptoms have been reported in spring and winter cereals trials in Maritime and South East EPPO zones. No phytotoxic effect noted on trials (spring and winter cereals) in NE EPPO zone.

In case of 5 trials conducted in Maritime EPPO climate zone in spring barley and 1 trial in winter wheat in South East EPPO climate zone, phytotoxic symptoms like chlorosis (PHYCHL) (0.5-1.0%, one trial, AT), stunting (PHYSTU) (5.0-12.5%, one trial, DE), necrosis/burns (PHYNEC) (0.5-1.5%, the same AT trial) and growth depression delay (PHYDEL) (0.75-18.25%, two trials, CZ, NL) occurred.

Regarding efficacy trials in spring barley, in 4 of these trials phytotoxic effects were observed on treatments with both formulations AG-CDF1-480 EC and ADM.3304.H.1.A, at 1 trial (DE19HENNGS114D) at the first assessment (14 DAA) phytotoxic effects in form of stunting (PHYSTU) were observed, at last assessment (56 DAA) no phytotoxic effect were observed any more. The strongest chlorosis: 10 days after treatment, for AG-CDF1-480 EC – 17,5% and ADM.3304.H.1.A – 22,5% , reference product – 5,3% , was observed on in U.K. (UK19HEYCERS418D), on all treatments. This damage was transient, with no symptoms recorded at assessment 26 DAA.

On 3 out of the 4 trials where phytotoxic effects were observed, phytotoxicity were also observed on reference product treatments (0,5% -5,3%). In 3 trials out of the 4 trials where phytotoxic effects were observed, phytotoxicity was recorded for all treatments including lower doses of both formulations.

Regarding 1 winter wheat trial in South East EPPO zone (HU19HETRZAW110A), phytotoxic effects described as “colour of the plant was lighter and its height slightly smaller” were observed 10 DAA and 34 DAA on ADM.3304.H.1.A - 2,0 l/ha – 1,3 % - 2%, also 34 days after application phytotoxicity was recorded for formulation AG-CDF1-480 EC- 2,0 l/ha: 0,5%. In general terms, this particular trial is not representative due to hard weather conditions after application: 36 mm in 2 weeks and 75 mm in 4 weeks after application.

Generally, phytotoxic effects were relatively rare, not exceeding significant level, symptoms and frequency so comparable for both tested formulations. At requested application rate of 2 l/ha, both formulations AG-CDF1-480 EC and ADM.3304.H.1.A proved to be safe to the crop in the efficacy trials.

Additionally, in grassland trials conducted in Maritime EPPO climate zone, all assessments proved no negative impact on the crops due to the treatment with the test product at target application rate.

## Results selectivity in specific selectivity trials

Overviews on the results of visual assessments in specific selectivity trials in the Central registration zone are given in Table 3.4-9 for spring cereals, in Table 3.4-10 for winter cereals and in Table 3.4-11 for grassland.

Out of **13 spring cereal trials** performed in bridging trials program, 6 trials performed in the Maritime EPPO zone, 3 trials in North East EPPO zone and 4 trials in South East EPPO zone. For the 2N and 1N application rate, 9 sites did not show any relevant symptom, **whereas in 4 trials phytotoxic symptoms were assessed**. The results for the maximum symptom development per trial are listed in Table 3.4- 9.

In Maritime EPPO zone, in TRZAS trial (DE20HSTRZAS116C) all treatments showed ~~slight to~~ medium symptoms depending on rate, deformations in the form of rolled leaves and reduced vigour on all treatments ~~excluding~~ including reference product Ariane C applied at 1N and 2N dose rate (15.0% vs 25.0% old vs new f.p. compared to Ariane C 12.5% at 1N, and 25.0 vs 35.0% old vs new f.p. compared to Ariane C 10.0% at 2N, 43 DAA (last assessment)).

In North East EPPO zone , in spring barley , phytotoxic effects was recorded at treatments of both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A , at 1N dose rate , stunting (PHYSTU) . At assessment 14 DAA – both formulations at 1N dose rate shows stunting effect – 10% at assessment 39 DAA , effect was lower - 5% , but the same rate for both tested formulations.

~~In 4 trials phytotoxic symptoms were assessed.~~ In the South East EPPO zone in AVESA trial site (HU19HSAVES110A) minimal depression of growth was recorded at the first assessment (13 DAA) on treatment AG-CDF1-480 EC at 2N dose rate – 4,0 l/ha and reference product AG-FF2-102.5 SE at 2N dose rate – 3,0 l/ha. The growth depression symptoms were also visible at second assessment (31 DAA) Growth depression was minimal, between 1-2%.

In the South East EPPO zone in HORVS trial site (HU19HSHORVS110A) both formulations AG-CDF1-480 EC and ADM.3304.H.1.A at 2N dose rate (4.0 L/ha) caused a minimal depression in growth (1%). Growth depression was also recorded for reference product AG-FF2-102.5 SE at 1n and 2N dose rate of application.

In general, for spring cereals it can be concluded that the symptom development is rate sensitive. At the targeted application rate there is no issue that would negatively affect the yield. Both formulation present comparable/similar level of phytotoxicity.

Out of ~~12~~ **13 winter cereal trials** performed in bridging trials program, ~~5~~ **6** trials were performed in the Maritime EPPO zone, 3 trials in North East EPPO zone and 4 trials in South East EPPO zone. For the 2N and 1N application rate, 9 sites did not show any relevant symptom, **whereas in 4 trials symptoms occurred and were assessed**. The results for the maximum symptom development per trial are listed in Table 3.4- 10.

**In Maritime EPPO zone** only in 1 winter wheat (DE20HSTRZAW117A) trial phytotoxic effects were noted. Bleaching (PHYBLE) was assessed at 2 assessment intervals (14 DAA and 25 DAA) on all treatments including reference product Ariane C at both dose rates. The strongest symptoms appear on treatments: AG-CDF1-480 EC (2N): 21,3% (14 DAA) and 10% (25 DAA) and ADM.3304.H.1.A (2N) – 16,8% (14DAA) and 6,5% (25DAA), no phytotoxicity observed on last assessment on any of the treatments. In DE20HSHORVW117B trial, chlorosis symptoms were noted of 1.3-5.0% intensity at 1N-2N dose rate of AG-formulation, and 2.3-3.3% intensity at 1N-2N dose rate of the ADM-formulation.

~~At 3 trials phytotoxic symptoms were assessed.~~ **In the South East EPPO zone** in HORVW trial location (HU19HSHORVW110A) after 11 DAA, symptoms like growth reduction (GRORED) were visible on all treatments including reference product AG-FF2-102.5 SE at both 1N and 2N application rates. Intensity of phytotoxic effects at 11 DAA, for both formulations AG-CDF1-480 EC and ADM.3304.H.1.A were respectively: 6,8% and 5,8% for 2N dose rates. At last assessment 47 DAA, phytotoxicity was still visible 4,3% for treatments with AG-CDF1-480 EC and 2,5% for treatments with ADM.3304.H.1.A.

Also, in South East EPPO zone in SECCW trial site (HU19HSSECCW110A) mild phytotoxic symptoms were recorded. Slight chlorotic symptoms were assessed at the first assessment (11 DAA) on treatments with reference product AG-FF2-102.5 SE applied at 2N dose rate. Minimal depression of growth for both formulations AG-CDF1-480 EC (1,55%) and ADM.3304.H.1.A (3%) and also for all the other treatments was recorded at the first and second assessment interval (11 DAA and 25 DAA). **No phytotoxicity symp-**



**Table 3.4-10: Phytotoxicity of formulations AG-CDF1-480 EC and ADM.3304.H.1.A in winter cereal trials.**

Number of trials with phytotoxic symptoms		Selectivity trials (6 trials)						Efficacy trials (7 trials)		
		AG-CDF1-480 EC		ADM.3304.H.1.A		Ariane C		AG-CDF1-480 EC	ADM.3304.H.1.A	Ariane C
		N	2N	N	2N	N	2N	N	N	N
<b>Maximum of phytotoxicity recorded during the trials</b>	0%-5%							1	1	1
<b>EPPOMAR</b>	>5%-10%					1				
	>10%-15%			1			1			
	>15 %	1	1		1					
<b>Level of symptoms at the last assessments</b>	0%-5%									
<b>EPPOMAR</b>	>5%-10%									
	>10%-15%									
	>15 %									
Number of trials with phytotoxic symptoms		Selectivity trials (4 trials)						Efficacy trials (4 trials)		
		AG-CDF1-480 EC		ADM.3304.H.1.A		AG-FF2-102.5 SE		AG-CDF1-480 EC	ADM.3304.H.1.A	Ariane C
		N	2N	N	2N	N	2N	N	N	N
<b>Maximum of phytotoxicity recorded during the trials</b>	0%-5%	2	2	2	1	2	2	1	1	
<b>EPPOSE</b>	>5%-10%		1		1					
	>10%-15%									
	>15 %									
<b>Level of symptoms at the last assessments</b>	0%-5%	2	2	2	2	2	1			
<b>EPPOSE</b>	>5%-10%									
	>10%-15%									
	>15 %									

**zRMS comments:**

Overall, across the 45 efficacy trials (incl. 2 in grassland) and 31 selectivity trials (incl. 5 in grassland) submitted by the applicant, the phytotoxic effects on the crop plants were seen in **6 efficacy trials and in 8 selectivity trials**, all 14 in cereal crops, making up 14% of the 43 efficacy trials and 31% of the 26 selectivity trials carried out in cereals. Although in majority of trials the symptoms were transient and <10% in intensity, in three cases in spring cereals in the Maritime zone the symptoms exceeding 10% or even 15% in intensity were maintained until the last assessment. The incidence of symptoms was, most of the time, “shared” evenly by the old and the new formulation.

While the present dossier is focused on bridging, there is also the core dossier behind, with more data concerning the older, although equivalent formulation. Compared to the core with its AG-CDF1-480 EC it must be noted that there is an improvement in the ADM.3304.H.1.A, the finally claimed product, as with the older formulation the incidence of transient phytotoxic effects of the <5% intensity was close to or exceeding 50% of the submitted trials (see Tables 3.4-11 and 3.4-12 in the core dossier). And even though, except for one trial no apparent relationship has been established in core assessment between phytotoxicity symptoms and the yield of cereals, both spring and winter (see Table 3.4-19, core). One must also admit that in the bridging data set too, the instances of statistically significant yield quantity or quality reductions are clearly less frequent compared to incidence of phytotoxicity symptoms, which can be seen in the following chapter.

Field applications of syntethic auxins result in concentrations in plants exceeding those of natural auxins by a factor of > 1000, and that is even taking into account the true amount intercepted by plants (Cobb and Reade 2010). Therefore their effect on plant physiology is rapid and violent. As mentioned in the zRMS comments to the Resistance chapter in the core dossier, 2,4-D, clopyralid and fluroxypyr belong to 3 different “chemotypes” of syntethic auxins.

Taken together they probably engage more than just one auxin receptor in plants and their co-formulation in one product represents true challenge for the crop, manifesting itself with all kinds of symptoms reported by the applicant, occasionally also with high intensity.

The frequency and, sporadically, relatively high an intensity of phytotoxic symptoms observed in cereals may result from the intrinsic properties of the test item. That would be rather unfortunate if proved consistent in practice. However, taken the temporary character of the symptoms and the fact that they are not apparently linked to yield reduction in majority of the cases reported, the zRMS suggests that a label warning should be issued, to the following or similar meaning:

*“ADM.3304.H.1.A may cause phytotoxicity symptoms in cereal crops, like chloroses, growth stunting or growth delay, or leaf distortion. These symptoms are in most cases transient and do not affect yield quantity or quality.”*

Unfortunately, the above conclusions are relevant, in principle, only to the cereal crops actually tested in selectivity trials. These are barley, oat and wheat and, to a lesser extent, spring rye, for which the selectivity data are limited to a single German trial of 2020. On the contrary, no selectivity trials have been submitted for either winter or spring triticale. Therefore, as completely new a product, the test item can be authorized neither in triticale, nor in the spring rye, for which the number of selectivity trials: 1, is too low as well, even considered the national extrapolation rules currently in force.

Contrary to the situation in cereals, no phytotoxic symptoms were observed in none of the 7 grassland trials.

Andrew H. Cobb, John P.H. Reade. Herbicides and Plant Physiology. Willey-Blackwell 2010: 149.

### 3.4.2 Effect on the yield of treated plants or plant product (KCP 6.4.2)

All selectivity trials, including 1N and 2N dose rate for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A were harvested and yield quality parameters were determined. Results are presented in tables: 3.4-11 till 3.4-19.

Out of **13 spring cereal trials** performed in bridging trials program, 6 trials were performed in the Maritime EPPO zone, 3 trials in North East EPPO zone and 4 trials in South East EPPO zone. All trials have been harvested and quality parameters determined. In 1 trial (DE20HSTRZAS116B) significant differences for the yield quantity were found. ~~Yield reduction in comparison to untreated check was noted for all treatments including reference product Ariane C at both dose rates applied: 1N and 2N.~~ In spring wheat, 2N dose rate for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A resulted in statistically significant reduction in yield. However, ~~level of~~ yielding on treatments with AG-CDF1-480 EC and ADM.3304.H.1.A applied at 1N dose rate stayed on the same level of yield reduction with reference product Ariane C applied at 1N and 2N; \*see the relevant fragment of yield summary from the trial DE20HSTRZAS116B, in the commenting box below.

#### RMS comments:

DE20HSTRZAS116B trial report; p. 13, 5.2. Yield, bolding and alignment by zRMS:

treatment	dose rate	Yield kg/plot		Yield T-MET / ha	
UNTREATED CHECK	0.0	6.98	a	5.16	a
AG-CDF1-480 EC	2.0	6.58	ab	4.86	ab
<b>AG-CDF1-480 EC</b>	<b>4.0</b>	<b>6.23</b>	<b>b</b>	<b>4.59</b>	<b>b</b>
ADM.3304.H.1.A	2.0	6.73	ab	4.97	ab
<b>ADM.3304.H.1.A</b>	<b>4.0</b>	<b>6.22</b>	<b>b</b>	<b>4.60</b>	<b>b</b>
ARIANE C	1.5	6.91	ab	5.10	ab
ARIANE C	3.0	6.85	ab	5.06	ab

Out of ~~12~~ **13 winter cereal trials** performed in bridging trials program, ~~5~~ **6** trials performed in the Maritime EPPO zone, 3 trials in the North East EPPO zone and 4 trials in South East EPPO zone, all trials have been harvested and quality parameters determined. In 1 trial in Germany (DE20HSHORVW116A) significant differences for the yield quantity between **ADM.3304.H.1.A** ~~both formulations AG-CDF1-480 EC and ADM.3304.H.1.A at both dose rates (1N and 2N)~~ and the untreated check ~~were found at 2N dose rate of the test item~~. The strongest yield reduction were noted for treatments ADM.3304.H.1.A (2N and

1N) and AG-CDF1-480 EC (2N). For details see the relevant fragment of yield summary from the trial DE20HSTRZAS116B, in the commenting box below.

**zRMS comments:**

DE20HSHORVW116A trial report; p. 14, 6.2. Yield and Quality, bolding and alignment by zRMS:

treatment	dose rate	Yield kg/plot		Yield T-MET / ha	
UNTREATED CHECK	0,0	6.77	ab	3.70	a
AG-CDF1-480 EC	2,0	6.70	ab	3.60	ab
AG-CDF1-480 EC	4,0	6.25	abc	3.41	ab
ADM.3304.H.1.A	2,0	5.82	bc	3.15	ab
<b>ADM.3304.H.1.A</b>	<b>4,0</b>	<b>5.47</b>	<b>c</b>	<b>2.99</b>	<b>b</b>
ARIANE C	1,5	6.83	a	3.72	a
ARIANE C	3,0	6.62	ab	3.59	ab

5 selectivity trials carried out on grassland in Maritime EPPO zone and additional in North East EPPO zone have been harvested and yield parameters determined. Yield differences between the untreated treatments and both formulations AG-CDF1-480 EC and ADM.3304.H.1.A applied at 2 l/ha or at 4 l/ha were not significant.

The phytotoxicity symptoms were infrequent in efficacy and selectivity trials and there was no significant negative effect observed on yield quantity in any of the selectivity trials in which the yield was tested, Tables 3.4-11-19 presents the mean yield from the selectivity trials.

**zRMS comments:**

According to the 31 selectivity trial reports submitted, including 26 cereal trials and 5 grassland trials, significant reduction in yield caused by ADM.3304.H.1.A compared to untreated check plots was observed in two trials only, one in spring wheat and one in winter barley, both trials in the Maritime zone. In both sites the effect was brought about by the 2N, and not 1N, dose rate of the test item or of the old formulation.

**Table 3.4-11 Comparison of yield values for formulations AG-CDF1-480 EC and ADM.3304.H.1.A in spring cereals, separated by tested crops, Maritime EPPO zone.**

AVESA																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	2	8,0	7,9	8,1	8,0	7,8	8,1	7,8	7,7	8,0	7,9	7,9	8,0	8,0	8,0	8,0	7,7	7,6	7,8	8,0	8,0	8,0
YIELD	t/ha	2	6,7	6,6	6,7	6,6	6,5	6,6	6,5	6,3	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,4	6,3	6,5	6,6	6,6	6,6
HORVS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	4,8	4,8	4,8	4,2	4,2	4,2	4,9	4,9	4,9	5,5	5,5	5,5	5,0	5,0	5,0	5,1	5,1	5,1	4,7	4,7	4,7
YIELD	t/ha	1	3,9	3,9	3,9	3,4	3,4	3,4	4,0	4,0	4,0	4,5	4,5	4,5	4,0	4,0	4,0	4,2	4,2	4,2	3,9	3,9	3,9
SECCS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	4,6	4,6	4,6	4,8	4,8	4,8	4,7	4,7	4,7	4,6	4,6	4,6	4,5	4,5	4,5	4,6	4,6	4,6	4,6	4,6	4,6
YIELD	t/ha	1	3,4	3,4	3,4	3,5	3,5	3,5	3,5	3,5	3,5	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
TRZAS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	2	8,1	7,0	9,2	7,9	6,6	9,2	7,5	6,2	8,9	8,0	6,7	9,2	7,6	6,2	8,9	8,1	6,9	9,4	8,0	6,9	9,2
YIELD	t/ha	2	5,7	5,2	6,2	5,6	4,9	6,3	5,3	4,6	6,0	5,6	5,0	6,3	5,3	4,6	6,0	5,7	5,1	6,4	5,7	5,1	6,3



**Table 3.4-12: Comparison of yield values for formulations AG-CDF1-480 EC and ADM.3304.H.1.A in spring cereals, separated by tested crops, South East EPPO zone.**

AVESA																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	2	9,8	8,7	10,9	9,6	8,8	10,4	9,5	8,5	10,5	10,0	8,8	11,2	9,6	8,8	10,4	9,7	9,1	10,2	10,0	9,1	11,0
YIELD	t/ha	1	5,6	5,6	5,6	5,7	5,7	5,7	5,5	5,5	5,5	5,6	5,6	5,6	5,7	5,7	5,7	5,9	5,9	5,9	5,9	5,9	5,9
YIELD	dt/ha	1	73,3	73,3	73,3	70,2	70,2	70,2	70,8	70,8	70,8	75,3	75,3	75,3	69,7	69,7	69,7	69,1	69,1	69,1	73,9	73,9	73,9
HORVS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	2,6	2,6	2,6	2,0	2,0	2,0	2,5	2,5	2,5	2,0	2,0	2,0	2,0	2,0	2,0	2,4	2,4	2,4	2,5	2,5	2,5
YIELD	dt/ha	1	17,5	17,5	17,5	13,7	13,7	13,7	17,1	17,1	17,1	13,9	13,9	13,9	13,0	13,0	13,0	16,3	16,3	16,3	17,1	17,1	17,1
TRZAS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Mustang Forte 0,8 l/ha			Mustang Forte 1,6 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	9,9	9,9	9,9	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,1	10,1	10,1
YIELD	dt/ha	1	39,7	39,7	39,7	40,2	40,2	40,2	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,1	40,4	40,4	40,4

**Table 3.4-13: Comparison of yield values for formulations AG-CDF1-480 EC and ADM.3304.H.1.A in spring cereals, separated by tested crops, North East EPPO zone.**

AVESA																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Gold 960 EC 1,3 l/ha			Gold 960 EC 2,5 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	4,7	4,7	4,7	4,7	4,7	4,7	4,7	4,7	4,7	4,7	4,7	4,7	4,6	4,6	4,6	4,7	4,7	4,7	4,7	4,7	4,7
YIELD	t/ha	1	4,5	4,5	4,5	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,3	4,3	4,3	4,5	4,5	4,5	4,5	4,5	4,5
HORVS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Gold 960 EC 1,3 l/ha			Gold 960 EC 2,5 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	5,7	5,7	5,7	6,4	6,4	6,4	6,6	6,6	6,6	6,6	6,6	6,6	6,2	6,2	6,2	6,2	6,2	6,2	6,8	6,8	6,8
YIELD	t/ha	1	3,4	3,4	3,4	3,7	3,7	3,7	3,8	3,8	3,8	3,9	3,9	3,9	3,6	3,6	3,6	3,6	3,6	3,6	4,0	4,0	4,0
TRZAS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Gold 960 EC 1,3 l/ha			Gold 960 EC 2,5 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,4	4,6	4,6	4,6	4,2	4,2	4,2	4,5	4,5	4,5
YIELD	t/ha	1	5,9	5,9	5,9	5,8	5,8	5,8	5,9	5,9	5,9	5,9	5,9	5,9	6,2	6,2	6,2	5,7	5,7	5,7	6,0	6,0	6,0

**Table 3.4-14: Comparison of yield values for formulations AG-CDF1-480 EC and ADM.3304.H.1.A in winter cereals, separated by tested crops, Maritime EPPO zone.**

HORVW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	3	8,0	6,8	8,9	7,5	6,7	8,2	7,0	6,3	8,1	7,2	5,8	8,1	7,2	5,5	8,1	7,9	6,8	8,9	8,1	6,6	9,6
YIELD	t/ha	3	5,8	3,7	7,1	5,5	3,6	7,1	5,1	3,4	7,0	5,3	3,2	7,0	5,4	3,0	7,0	5,8	3,7	6,9	5,9	3,6	7,2
SECCW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	6,3	6,3	6,3	6,2	6,2	6,2	6,3	6,3	6,3	6,3	6,3	6,3	6,4	6,4	6,4	6,3	6,3	6,3	6,2	6,2	6,2
YIELD	t/ha	1	5,5	5,5	5,5	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,4	5,5	5,5	5,5	5,5	5,5	5,5	5,4	5,4	5,4
TRZAW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	11,9	11,9	11,9	11,9	11,9	11,9	11,7	11,7	11,7	11,8	11,8	11,8	11,6	11,6	11,6	11,8	11,8	11,8	11,7	11,7	11,7
YIELD	t/ha	1	8,4	8,4	8,4	8,4	8,4	8,4	8,2	8,2	8,2	8,4	8,4	8,4	8,2	8,2	8,2	8,4	8,4	8,4	8,2	8,2	8,2
AVESW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	6,9	6,9	6,9	6,8	6,8	6,8	6,0	6,0	6,0	6,4	6,4	6,4	6,3	6,3	6,3	6,6	6,6	6,6	6,6	6,6	6,6
YIELD	t/ha	1	5,4	5,4	5,4	5,4	5,4	5,4	4,7	4,7	4,7	5,0	5,0	5,0	4,9	4,9	4,9	5,2	5,2	5,2	5,1	5,1	5,1

**Table 3.4-15: Comparison of yield values for formulations AG-CDF1-480 EC and ADM.3304.H.1.A in winter cereals, separated by tested crops, South East EPPO zone.**

HORVW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	13,8	13,8	13,8	14,6	14,6	14,6	13,6	13,6	13,6	13,8	13,8	13,8	13,2	13,2	13,2	14,8	14,8	14,8	13,2	13,2	13,2
YIELD	dt/ha	1	93,7	93,7	93,7	98,9	98,9	98,9	92,3	92,3	92,3	93,9	93,9	93,9	90,0	90,0	90,0	100,5	100,5	100,5	89,5	89,5	89,5
SECCW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	2	6,7	5,6	7,8	6,8	5,7	7,9	6,9	6,0	7,8	6,6	5,4	7,8	7,0	6,1	7,9	5,9	5,9	5,9	6,0	6,0	6,0
YIELD	t/ha	1	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	-	-	-	-	-	-
YIELD	dt/ha	1	39,2	39,2	39,2	39,6	39,6	39,6	42,3	42,3	42,3	37,6	37,6	37,6	42,7	42,7	42,7	41,4	41,4	41,4	41,8	41,8	41,8
TRZAW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			MUSTANG FORTE 0,8 l/ha			MUSTANG FORTE 1,6 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	1	9,7	9,7	9,7	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8
YIELD	dt/ha	1	38,8	38,8	38,8	39,3	39,3	39,3	39,4	39,4	39,4	39,2	39,2	39,2	39,2	39,2	39,2	39,3	39,3	39,3	39,0	39,0	39,0

**Table 3.4-16: Comparison of yield values for both formulations AG-CDF1-480 EC and ADM.3304.H.1.A in winter cereals, separated by tested crops, North East EPPO zone.**

TRZAW																							
Rating type	unit	n	UNCK			ADM.3304.H.1.A 2,0 l/ha			ADM.3304.H.1.A 4,0 l/ha			AG-CDF1-480 EC 2,0 l/ha			AG-CDF1-480 EC 4,0 l/ha			GOLD 450 EC 1,25 l/ha			GOLD 450 EC 2,5 l/ha		
			Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
YIELD	kg/plot	3	7,14	6,21	8,80	6,99	6,02	8,80	7,12	6,24	8,70	7,23	6,34	8,70	7,06	6,13	8,60	7,20	6,32	8,80	7,29	6,36	8,70

**Table 3.4-17: Comparison of yield of seeds of LOLPE from 2 additional trials in Lithuania for both formulations AG-CDF1-480 EC and ADM.3304.H.1.A., North East EPPO zone.**

YIELD (t/ha)																				
UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4,0 l/ha			ADM.3304.H.1.A 2,0 l/ha			ADM.3304.H.1.A 4,0 l/ha			STARANE 333 H L 0,54 l/ha			STARANE 333 H L 1,08 l/ha		
Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
1,59	1,19	1,99	1,45	1,14	1,76	1,415	0,99	1,84	1,575	1,16	1,99	1,6	1,24	1,96	1,59	1,27	1,91	1,34	1,12	1,56

**Table 3.4-18: Comparison of yield of WEIFRE (kg/plot) for both formulations AG-CDF1-480 EC and ADM.3304.H.1.A in grassland, Maritime EPPO zone.**

YIELD																						
treatments	n	UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			SIMPLEX 2 l/ha			SIMPLEX 4 l/ha		
	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
WEIFRE	3	17,73	9,88	25,13	18,45	10,79	26,18	18,03	9,94	25,68	18,93	10,56	27,60	17,80	10,46	24,88	18,43	9,86	27,23	18,39	9,41	27,28

**Table 3.4-19: Comparison of yield of WEIFRE (kg/plot) for both formulations AG-CDF1-480 EC and ADM.3304.H.1.A in grassland, Maritime EPPO zone.**

YIELD																						
treatments	n	untreated check			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			STARANE 333 H L 0,54 l/ha			STARANE 333 H L 1,08 l/ha		
		Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
WEIFRE	2	3,43	2,61	4,25	3,15	2,53	3,77	3,09	2,20	3,97	3,36	2,51	4,20	3,46	2,75	4,16	3,43	2,77	4,08	2,86	2,44	3,27

### 3.4.3 Effects on the quality of plants or plant products (KCP 6.4.3)

All selectivity trials, including 1N and 2N dose rate for both formulations: AG-CDF1-480 EC and ADM.3304.H.1.A were harvested and yield quality parameters were determined. The results are presented in **Tables: 3.4-11 till 3.4-19**.

Out of **13 spring cereal trials** performed in bridging trials program, 6 trials were performed in the Maritime EPPO zone, 3 trials in North East EPPO zone and 4 trials in South East EPPO zone. The assessed quality parameters were: 1000 grain weight (1 EPPOSE, 6 EPOMAR, 3 EPPONE), hectolitre weight (4 EPPOSE, 5 EPOMAR, 3 EPPONE), Zeleny's sedimentation number (1 EPPOSE, 1 EPOMAR) and protein content (4 EPOSE, 1 EPOMAR), germination (4 EPPOSE, 4 EPOMAR, 3 EPPONE) for the spring cereal trials. In 3 out of all trials significant differences, of yield quality parameters, between untreated and experimental treatments were found.

In HORVS trial (HU19HSHORVS110A) from EPPOSE zone, significant differences in moisture data (MOICON) between both tested at 2N dose rates of formulations: ADM.3304.H.1.A and AG-CDF1-480 EC and untreated check were found.

#### zRMS comments:

trial report: HU19HSHORVS110A, p.16; only AG-CDF1-480 EC vary from the UNCK, other treatments do not (Table 3.4-21a\*).

treatment	dose rate	MOICON %	
UNTREATED CHECK	0,0	13.075	ab
<b>AG-CDF1-480 EC</b>	<b>2,0</b>	<b>9.988</b>	<b>d</b>
<b>AG-CDF1-480 EC</b>	<b>4,0</b>	<b>10.803</b>	<b>cd</b>
ADM.3304.H.1.A	2,0	11.270	bcd
ADM.3304.H.1.A	4,0	13.528	a
AG-FF2-102.5 SE	1,5	12.418	abc
AG-FF2-102.5 SE	3,0	11.345	bcd

\* Although in this dRR reference is often made to treatment means from single trials, the tables do not copy lettering of homogenous groups from individual reports.

In TRZAS trial (DE20HSTRZAS116C) from EPPOMAR zone, lower values for HLW in comparison to untreated check and treatments with reference product Ariane C, were recorded for both formulations at both of dose rates (95,5-97,4% of the UNCK). In TRZAS trial (SK19HSTRZAS113A) from EPPOSE zone, values of Zeleny's sedimentation number (SEDZEL) significantly differ from untreated for both formulations AG-CDF1-480 EC and ADM.3304.H.1.A applied at both dose rates as well as treatments with reference product Ariane C at 1N and 2N dose rates (**Table 3.4-20 3.4-21b**).

#### zRMS comments:

Trial report SK19HSTRZAS113A shows that the highest value of SEDZEL was observed in grain from plots treated with standard Mustang Forte at 1N (75.75mL, significantly higher compared to UNCK (72.00mL)). **ADM.3304.H.1.A, as well as AG-CDF1-480 EC had values statistically uniform with the UNCK (72.25-75.25mL)** (Table 3.4-21b).

Out of ~~12~~ **13 winter cereal trials** performed in bridging trials program, ~~5~~ **6** trials performed in the Maritime EPPO zone, 3 trials in North East EPPO zone and 4 trials in South East EPPO zone, all trials have been harvested and quality parameters determined. The assessed quality parameters were: 1000 grain weight (4 EPPOSE, 5 EPOMAR, 3 EPPONE), hectolitre weight (4 EPPOSE, 5 EPOMAR, 3 EPPONE), values of Zeleny's sedimentation number (1 EPPOSE, 1 EPOMAR, 2 EPPONE) and protein content (4 EPOSE, 1 EPOMAR, 2 EPPONE), germination (4 EPPOSE, 2 EPOMAR, 3 EPPONE) for the winter cereal trials.

In 2 trials: HORVW (DE20HSHORVW116A) in Germany and SECCW (HU19HSSECCW110A) in Hungary significant differences of yield parameters were measured. In HORVW trial HLW values for

both formulations AG-CDF1-480 EC and ADM.3304.H.1.A, at both tested dose rates, significantly differed from untreated check and treatments with reference product Ariane C. In SECCW trial MOICON values for both formulations AG-CDF1-480 EC and ADM.3304.H.1.A, at both tested dose rates, significantly differed from the untreated check but with no significant difference from treatments with reference product AG-FF2-102.5 SE at both dose rates (~~Table 3.4-20-22~~) (Table 3.4-23 a and 3.4-24 b).

**zRMS comments:**

DE20HSHORVW116A trial report p. 15, letters in brackets stand for marking of the homogenous groups in ARM: HLW values for AG-CDF1-480 EC and ADM.3304.H.1.A at 1N and 2N dose rates (b) **are statistically uniform with UNCK and with the standard at 1N dose rate** (ab) (98,7-99,3% UNCK for the test items and 102,7% UNCK for Ariane at 1N). The reference Ariane at 2N dose rates shows HLW the level of 104,7% UNCK (a) - significantly higher compared to AG-CDF1-480 EC and ADM.3304.H.1.A applied at both dose rates (b), although otherwise statistically uniform with its 2N dose rate (ab) and with the UNCK (ab). Table 3.4-23a shows mean of 3 trials including DE20HSHORVW116A, therefore the differences are seen as negligible. Please also note that values are expressed there in absolute units only (kg/100L).

HU19HSSECCW110A trial report p. 15: The only significant difference in MOICON is between the 2N dose rate of AG... on the one hand and the 1N dose rate of ADM... formulation on the other, with the values of 7.68% (b) *versus* 9,84% (a) respectively. Table 3.4-24b shows mean of 2 trials.

**5 selectivity trials carried out on grassland** in Maritime EPPO zone and additional in North East EPPO zone have been harvested and yield parameters determined.

3 selectivity trials were performed on typical pastures /grassland in Maritime EPPO zone, therefore quality parameters determined differ from parameters determined for seeds of LOLPE, from 2 Lithuanian trials. Content of ash (ASHCON), content of fat (CONFAT), content of crude fibre (CONCRU) and net energy of lactation (CONNEL) was determined in all 3 trials, digestibility (DIGEST), sugar content (SUGCON/CONSUG) and content of nitrogen digestible protein (CONPRN) was determined in 2 out of 3 trials and neutral detergent fibre (NDF), enzyme digestible organic matter (EFOS), content of net energy of gain (CONNEL) and content of fructose (CONFRU) were determined in 1 trial. Determined quality parameters on 2 additional selectivity trials in Lithuania (NE) like moisture content (MOICON), hectolitre weight (HLW) and thousand grain weight (TKW) are typical for seed grass production. Treatment with both formulations AG-CDF1-480 EC and ADM.3304.H.1.A, at both tested dose rates, had no negative impact on these assessed quality parameters, for none of the parameters tested was there a significant negative impact on the quality of the treated plants (**Table 3.4-26-27**).

**zRMS comments on yield quality in grassland:**

**Maritime zone:**

In **CZ20HSNNFW118A** trial, dry matter content varied significantly between AG... and ADM... formulations at 1N and 2N and between them both and the UNCK, while being statistically consistent with one of the standards (Simplex) or significantly different from the other (Kinvara). The same was true for protein and fat content, ash content or crude fiber, with parameters for all nine treatments making up nine different homogenous groups (a-i). Just to pick up one parameter, WEIDRY was 5100 kg/ha in the UNCK and in the ADM...formulation at 2N dose rate (b), while it was 4900kg/ha (d) in the ADM... at 1N dose rate.

Trial **DE20HSNNFW118A** demonstrates all the quality parameters as being perfectly uniform across all the treatments including UNCK, no significant variation was found in any one of them.

In **DE20HSNNFW118B** the per cent of dry matter (DRY MATTER %) was significantly higher compared to UNCK in all treatments except for standard Simplex at 2N dose rate. Converse was true for MOICON. The WEIDRY measured in kg/ha was uniform across all treatments. For other parameters no statistical significance has been reported, as they seem to be analyzed in a single replicate.

**North-Eastern zone:**

Trials **LT20HSYGRAS405A** and **LT20HSYGRAS405B** are concerned with seed production of *Lolium perenne*. Both trials report statistical uniformity of all parameters like the yield fresh and dry weight, seed moisture, HLW

and TKW, plus no symptoms of phytotoxicity like stunting or discoloration. Additionally, in the LT20HSYGRAS405B trial the germination test was carried out, showing no detrimental effect on propagative material compared neither to UNCK nor to the standards.



[illegible]

**Table 3.4-20(b): Comparison of yield and quality overview spring cereals, separated by crops, Maritime EPPO zone (cont.).**

TRZAS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	2	13,4	12,6	14,2	13,4	12,6	14,2	13,5	12,6	14,4	13,5	12,6	14,3	13,4	12,5	14,3	13,4	12,5	14,3	13,3	12,4	14,3
HLW	kg/100 l	2	79,3	78,7	79,9	78,2	76,7	79,7	77,9	75,9	79,8	78,3	76,6	79,9	77,5	75,2	79,8	79,4	78,7	80,1	79,7	79,3	80,1
TKW	g	2	40,7	37,3	44,1	40,8	37,0	44,5	41,1	37,0	45,2	41,2	37,1	45,2	40,7	36,5	44,8	41,5	38,1	44,9	41,2	37,8	44,5
GERMIN	%	1	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	98,5	95,5	95,5	95,5	87,5	87,5	87,5	99,5	99,5	99,5 *
PROCON	%	1	13,5	13,5	13,5	13,9	13,9	13,9	14,0	14,0	14,0	14,0	14,0	14,0	13,8	13,8	13,8	14,0	14,0	14,0	13,6	13,6	13,6
SEDZEL	mL	1	46,9	46,9	46,9	48,7	48,7	48,7	49,8	49,8	49,8	48,5	48,5	48,5	48,4	48,4	48,4	48,6	48,6	48,6	49,1	49,1	49,1

**Table 3.4-21(a): Comparison of yield and quality overview spring cereals, separated by crops, South East EPPO zone.**

AVESA																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	2	10,9	9,7	12,1	10,7	9,5	11,9	11,0	9,7	12,3	10,9	9,9	11,9	11,5	10,4	12,5	10,6	9,3	11,9	10,9	9,6	12,2
HLW	kg/100 l	2	42,4	39,4	45,3	39,3	36,9	41,7	41,1	40,1	42,1	40,8	40,0	41,7	38,8	36,0	41,6	39,5	39,2	39,8	41,5	39,8	43,3
TKW	g	2	26,7	25,4	28,1	29,5	29,1	29,9	28,0	27,1	28,9	28,9	28,0	29,8	30,7	29,9	31,5	30,2	29,1	31,4	28,5	27,7	29,4
GERMIN	%	2	77,2	58,3	96,0	73,3	51,0	95,5	78,8	61,3	96,3	73,2	51,3	95,0	73,9	53,0	94,8	64,2	34,8	93,5	72,5	49,5	95,5
PROCON	%	1	10,6	10,6	10,6	10,9	10,9	10,9	10,6	10,6	10,6	11,1	11,1	11,1	10,6	10,6	10,6	10,5	10,5	10,5	10,4	10,4	10,4
HORVS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	13,1	13,1	13,1	10,0	10,0	10,0	10,8	10,8	10,8	11,3	11,3	11,3	13,5	13,5	13,5	12,4	12,4	12,4	11,3	11,3	11,3
HLW	kg/100 l	1	51,9	51,9	51,9	56,9	56,9	56,9	56,3	56,3	56,3	54,3	54,3	54,3	53,6	53,6	53,6	52,9	52,9	52,9	53,6	53,6	53,6
TKW	g	1	30,2	30,2	30,2	31,8	31,8	31,8	32,1	32,1	32,1	31,5	31,5	31,5	31,9	31,9	31,9	32,4	32,4	32,4	32,1	32,1	32,1
GERMIN	%	1	61,5	61,5	61,5	55,3	55,3	55,3	55,8	55,8	55,8	61,5	61,5	61,5	59,8	59,8	59,8	62,0	62,0	62,0	64,3	64,3	64,3
PROCON	%	1	12,0	12,0	12,0	12,7	12,7	12,7	11,7	11,7	11,7	12,4	12,4	12,4	12,5	12,5	12,5	12,0	12,0	12,0	12,2	12,2	12,2

**Table 3.4-21(b): Comparison of yield and quality overview spring cereals, separated by crops, South East EPPO zone (cont.).**

TRZAS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Mustang Forte 0,8 l/ha			Mustang Forte 1,6 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	14,4	14,4	14,4	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3	14,3
HLW	kg/100 l	1	79,7	79,7	79,7	78,8	78,8	78,8	78,3	78,3	78,3	78,5	78,5	78,5	78,6	78,6	78,6	78,3	78,3	78,3	78,4	78,4	78,4
TKW	g	1	46,2	46,2	46,2	44,6	44,6	44,6	44,4	44,4	44,4	45,0	45,0	45,0	46,0	46,0	46,0	44,8	44,8	44,8	45,7	45,7	45,7
GERMIN	%	1	94,3	94,3	94,3	94,5	94,5	94,5	94,5	94,5	94,5	94,3	94,3	94,3	94,5	94,5	94,5	94,3	94,3	94,3	94,8	94,8	94,8
PROCON	%	1	17,7	17,7	17,7	17,9	17,9	17,9	17,9	17,9	17,9	18,0	18,0	18,0	18,3	18,3	18,3	18,1	18,1	18,1	18,0	18,0	18,0
SEDZEL	mL	1	72,0	72,0	72,0	74,0	74,0	74,0	73,8	73,8	73,8	72,3	72,3	72,3	72,3	72,3	72,3	75,8	75,8	75,8	73,5	73,5	73,5

**Table 3.4-22(a): Comparison of yield and quality overview spring cereals, separated by crops, North East EPPO zone.**

AVESA																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Gold 450 EC 1,3 l/ha			Gold 450 EC 2,5 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	13,2	13,2	13,2	13,3	13,3	13,3	13,3	13,3	13,3	13,3	13,3	13,3	13,3	13,3	13,3	13,4	13,4	13,4	13,3	13,3	13,3
HLW	kg/100 l	1	47,7	47,7	47,7	47,4	47,4	47,4	47,7	47,7	47,7	47,5	47,5	47,5	47,5	47,5	47,5	47,7	47,7	47,7	47,5	47,5	47,5
TKW	g	1	39,9	39,9	39,9	40,0	40,0	40,0	40,0	40,0	40,0	40,1	40,1	40,1	40,2	40,2	40,2	40,1	40,1	40,1	39,9	39,9	39,9
GERMIN	%	1	93,0	93,0	93,0	92,0	92,0	92,0	90,0	90,0	90,0	90,8	90,8	90,8	90,8	90,8	90,8	90,3	90,3	90,3	92,8	92,8	92,8
HORVS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Gold 450 EC 1,3 l/ha			Gold 450 EC 2,5 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	11,4	11,4	11,4	11,5	11,5	11,5	11,6	11,6	11,6	11,2	11,2	11,2	11,8	11,8	11,8	11,4	11,4	11,4	11,8	11,8	11,8
HLW	kg/100 l	1	61,3	61,3	61,3	61,6	61,6	61,6	61,7	61,7	61,7	61,5	61,5	61,5	61,4	61,4	61,4	62,0	62,0	62,0	62,3	62,3	62,3
TKW	g	1	40,3	40,3	40,3	41,2	41,2	41,2	43,4	43,4	43,4	42,3	42,3	42,3	43,1	43,1	43,1	41,9	41,9	41,9	41,4	41,4	41,4
GERMIN	%	1	30,3	30,3	30,3	31,8	31,8	31,8	28,0	28,0	28,0	30,3	30,3	30,3	35,8	35,8	35,8	37,8	37,8	37,8	33,0	33,0	33,0

**Table 3.4-22(b): Comparison of yield and quality overview spring cereals, separated by crops, North East EPPO zone (cont.).**

TRZAS																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			Gold 450 EC 1,3 l/ha			Gold 450 EC 2,5 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,6	13,6	13,6	13,5	13,5	13,5	13,6	13,6	13,6
HLW	kg/100 l	1	77,2	77,2	77,2	77,1	77,1	77,1	77,1	77,1	77,1	77,0	77,0	77,0	77,0	77,0	77,0	76,9	76,9	76,9	77,1	77,1	77,1
TKW	g	1	45,4	45,4	45,4	45,2	45,2	45,2	45,1	45,1	45,1	45,2	45,2	45,2	45,2	45,2	45,2	45,3	45,3	45,3	44,7	44,7	44,7
GERMIN	%	1	88,0	88,0	88,0	87,5	87,5	87,5	87,0	87,0	87,0	87,5	87,5	87,5	87,0	87,0	87,0	87,0	87,0	87,0	88,0	88,0	88,0

**Table 3.4-23(a) : Comparison of yield and quality overview winter cereals, separated by crops, Maritime EPPO zone.**

HORVW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	3	17,9	11,9	29,4	18,2	11,7	30,6	17,9	11,7	29,7	18,0	11,5	30,1	17,8	11,4	29,5	18,0	11,6	30,0	17,9	11,6	30,0
HLW	kg/100 l	3	65,4	60,1	73,1	64,5	58,8	73,1	64,5	58,6	73,0	64,8	59,5	73,0	65,2	61,1	73,0	65,8	60,6	73,0	66,2	60,6	73,0
TKW	g	3	42,5	35,5	49,5	41,1	34,0	48,9	41,6	35,6	48,7	42,8	38,3	49,1	41,6	35,8	48,6	41,0	34,5	47,6	41,5	36,6	47,4
GERMIN	%	3	78,0	55,0	95,0	83,5	63,5	96,0	84,0	69,5	95,5	87,7	72,0	97,0	81,6	56,8	94,0	80,3	63,3	95,5	82,9	61,8	96,0

SECCW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	12,0	12,0	12,0	11,8	11,8	11,8	11,9	11,9	11,9	11,9	11,9	11,9	11,8	11,8	11,8	11,9	11,9	11,9	11,8	11,8	11,8
HLW	kg/100 l	1	71,8	71,8	71,8	71,6	71,6	71,6	71,7	71,7	71,7	71,8	71,8	71,8	71,7	71,7	71,7	71,7	71,7	71,7	71,8	71,8	71,8
TKW	g	1	31,5	31,5	31,5	31,0	31,0	31,0	31,4	31,4	31,4	31,6	31,6	31,6	31,9	31,9	31,9	31,6	31,6	31,6	31,8	31,8	31,8
GERMIN	%	1	98,5	98,5	98,5	98,5	98,5	98,5	98,0	98,0	98,0	97,5	97,5	97,5	97,5	97,5	97,5	98,5	98,5	98,5	96,5	96,5	96,5

**Table 3.4-23(b): Comparison of yield and quality overview winter cereals, separated by crops, Maritime EPPO zone (cont.).**

TRZAW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	13,4	13,4	13,4	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,6	13,6	13,6
HLW	kg/100 l	1	78,6	78,6	78,6	78,5	78,5	78,5	78,7	78,7	78,7	78,7	78,7	78,7	79,0	79,0	79,0	79,0	79,0	79,0	78,7	78,7	78,7
TKW	g	1	43,7	43,7	43,7	44,0	44,0	44,0	43,6	43,6	43,6	44,2	44,2	44,2	43,9	43,9	43,9	43,6	43,6	43,6	43,7	43,7	43,7
PROCON	%	1	12,8	12,8	12,8	13,1	13,1	13,1	13,1	13,1	13,1	13,1	13,1	13,1	13,3	13,3	13,3	13,0	13,0	13,0	13,1	13,1	13,1
SEDZEL	MI	1	42,3	42,3	42,3	42,2	42,2	42,2	42,3	42,3	42,3	43,4	43,4	43,4	43,2	43,2	43,2	42,6	42,6	42,6	43,4	43,4	43,4
AVESW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			ARIANE C 1,5 l/ha			ARIANE C 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	15,9	15,9	15,9	16,1	16,1	16,1	16,3	16,3	16,3	16,2	16,2	16,2	16,1	16,1	16,1	16,1	16,1	16,1	16,4	16,4	16,4
HLW	kg/100 l	1	46,9	46,9	46,9	47,1	47,1	47,1	47,1	47,1	47,1	47,6	47,6	47,6	47,7	47,7	47,7	47,8	47,8	47,8	47,4	47,4	47,4
TKW	g	1	42,8	42,8	42,8	42,1	42,1	42,1	42,7	42,7	42,7	42,6	42,6	42,6	42,8	42,8	42,8	42,3	42,3	42,3	42,2	42,2	42,2
GERMIN	%	1	81,8	81,8	81,8	77,5	77,5	77,5	81,0	81,0	81,0	78,3	78,3	78,3	80,5	80,5	80,5	80,8	80,8	80,8	82,5	82,5	82,5

**Table 3.4-24(a) : Comparison of yield and quality overview winter cereals, separated by crops, South East EPPO zone.**

HORVW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	11,5	11,5	11,5	11,2	11,2	11,2	11,1	11,1	11,1	11,3	11,3	11,3	11,0	11,0	11,0	11,2	11,2	11,2	11,3	11,3	11,3
HLW	kg/100 l	1	55,5	55,5	55,5	53,5	53,5	53,5	52,9	52,9	52,9	58,9	58,9	58,9	60,6	60,6	60,6	56,5	56,5	56,5	55,7	55,7	55,7
TKW	g	1	41,2	41,2	41,2	39,0	39,0	39,0	39,9	39,9	39,9	40,2	40,2	40,2	41,0	41,0	41,0	42,4	42,4	42,4	41,2	41,2	41,2
GERMIN	%	1	28,0	28,0	28,0	34,8	34,8	34,8	30,5	30,5	30,5	31,3	31,3	31,3	31,0	31,0	31,0	29,3	29,3	29,3	32,0	32,0	32,0
PROCON	%	1	11,8	11,8	11,8	11,9	11,9	11,9	11,9	11,9	11,9	11,9	11,9	11,9	11,6	11,6	11,6	12,0	12,0	12,0	12,2	12,2	12,2

**Table 3.4-24(b): Comparison of yield and quality overview winter cereals, separated by crops, South East EPPO zone (cont.).**

SECCW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			AG-FF2-102.5 SE 1,5 l/ha			AG-FF2-102.5 SE 3 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	2	12,1	8,1	16,2	12,6	9,4	15,9	12,0	7,7	16,4	13,1	9,8	16,4	13,0	9,0	16,9	7,9	7,9	7,9	9,3	9,3	9,3
HLW	kg/100 l	2	74,0	72,1	75,8	67,2	64,0	70,5	75,0	70,4	79,6	66,1	61,5	70,6	69,8	68,3	71,3	76,1	76,1	76,1	65,3	65,3	65,3
TKW	g	2	29,9	21,3	38,5	28,4	19,3	37,4	30,9	23,0	38,7	30,6	23,4	37,9	30,6	23,0	38,2	21,1	21,1	21,1	20,6	20,6	20,6
GERMIN	%	2	71,9	59,5	84,3	72,2	58,3	86,0	72,2	60,5	83,8	73,8	62,0	85,5	76,9	68,5	85,3	63,3	63,3	63,3	63,8	63,8	63,8
PROCON	%	2	11,9	11,7	12,0	12,0	11,7	12,3	12,1	12,0	12,3	12,0	11,5	12,4	11,9	11,6	12,1	12,0	12,0	12,0	12,1	12,1	12,1
TRZAW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			MUSTANG FORTE 0,8 l/ha			MUSTANG FORTE 1,6 l/ha		
Rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	1	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2	14,2
HLW	kg/100 l	1	77,3	77,3	77,3	77,7	77,7	77,7	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5	77,5
TKW	g	1	42,1	42,1	42,1	42,2	42,2	42,2	42,1	42,1	42,1	42,4	42,4	42,4	42,2	42,2	42,2	42,3	42,3	42,3	42,3	42,3	42,3
GERMIN	%	1	94,5	94,5	94,5	94,8	94,8	94,8	95,0	95,0	95,0	94,3	94,3	94,3	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8	94,8
PROCON	%	1	12,3	12,3	12,3	12,2	12,2	12,2	12,3	12,3	12,3	12,2	12,2	12,2	12,3	12,3	12,3	12,3	12,3	12,3	12,4	12,4	12,4
SEDZEL	mL	1	38,8	38,8	38,8	37,5	37,5	37,5	38,5	38,5	38,5	38,3	38,3	38,3	38,0	38,0	38,0	38,0	38,0	38,0	37,5	37,5	37,5

**Table 3.4-25 : Comparison of yield and quality overview winter cereals, separated by crops, North East EPPO zone.**

TRZAW																							
Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			GOLD 450 EC 1,25			GOLD 450 EC 2,5 l/ha		
rating type	unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	g	3	13,9	13,7	14,3	13,9	13,4	14,5	13,7	13,5	13,8	14,0	13,7	14,3	13,8	13,4	14,3	13,4	12,9	13,8	14,1	13,8	14,6
HLW	kg/100 l	3	74,3	68,9	80,0	75,1	68,8	80,2	74,8	69,0	80,1	74,6	69,0	80,1	74,8	69,1	79,9	74,7	69,1	80,1	74,7	69,0	79,9
TKW	g	3	43,2	41,5	45,4	43,3	41,6	45,4	43,4	41,6	44,3	43,4	41,5	45,6	42,9	41,4	45,2	43,1	41,7	45,8	43,8	41,5	45,3
GERMIN	%	3	84,3	63,8	98,4	85,9	66,5	99,0	86,4	68,8	98,4	88,2	73,8	98,8	85,6	66,8	98,5	87,1	70,8	99,1	83,5	60,8	98,8
PROCON	%	2	13,7	12,4	15,0	13,4	11,8	15,0	13,8	12,6	15,0	13,8	12,6	15,0	13,9	12,8	15,0	14,3	13,4	15,1	13,4	11,7	15,0
SEDZEL	mL	2	51,6	37,1	66,0	51,0	36,1	65,8	50,7	36,1	65,3	51,3	36,7	65,8	51,3	37,0	65,5	51,4	36,3	66,5	50,6	37,2	64,0

**Table 3.4-26 : Comparison of yield and quality overview grassland, Maritime EPPO zone.**

Treatment			UNCK			AG-CDF1-480 EC 2l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			SIMPLEX 2 l/ha			SIMPLEX 4 l/ha		
rating type	units	n	Mea n	Min	Max	Mea n	Min	Max	Mea n	Min	Max	Mea n	Min	Max	Mea n	Min	Max	Mea n	Min	Max	Mea n	Min	Max
MOICON	%	2	53,5	45,7	61,3	49,9	38,5	61,3	50,0	38,8	61,2	51,4	40,1	62,7	51,6	39,9	63,3	51,3	39,8	62,8	52,9	41,6	64,3
PROCON	%	3	5,9	4,0	7,2	6,0	4,7	7,2	5,5	3,9	6,3	5,7	4,9	6,7	6,3	5,1	7,2	5,7	4,4	6,4	5,7	5,1	6,5
WEIFRE	kg/pl ot	3	17,7	9,9	25,1	18,5	10,8	26,2	18,0	9,9	25,7	18,9	10,6	27,6	17,8	10,5	24,9	18,4	9,9	27,2	18,4	9,4	27,3
WEIFRE	kg/ha	1	8984, 1	8984, 1	8984, 1	9806, 8	9806, 8	9806, 8	9036, 4	9036, 4	9036, 4	9595, 5	9595, 5	9595, 5	9506, 8	9506, 8	9506, 8	8963, 6	8963, 6	8963, 6	8550, 0	8550, 0	8550, 0
WEIFRE	t/ha	1	15,1	15,1	15,1	15,3	15,3	15,3	15,4	15,4	15,4	15,5	15,5	15,5	15,1	15,1	15,1	15,2	15,2	15,2	15,4	15,4	15,4
WEIDRY	kg/ha	1	4879, 2	4879, 2	4879, 2	6027, 5	6027, 5	6027, 5	5538, 3	5538, 3	5538, 3	5761, 5	5761, 5	5761, 5	5701, 6	5701, 6	5701, 6	5387, 5	5387, 5	5387, 5	4984, 5	4984, 5	4984, 5
WEIDRY	kg/pl ot	1	9,7	9,7	9,7	10,1	10,1	10,1	9,9	9,9	9,9	10,3	10,3	10,3	9,1	9,1	9,1	10,1	10,1	10,1	9,7	9,7	9,7
WEIDRY	t/ha	1	5,1	5,1	5,1	4,9	4,9	4,9	5,1	5,1	5,1	5,2	5,2	5,2	4,8	4,8	4,8	4,7	4,7	4,7	5,0	5,0	5,0
DRY MATTER	%	3	41,3	30,9	54,3	43,6	30,4	61,6	44,3	32,8	61,2	43,1	32,0	59,9	42,7	31,3	60,1	43,3	32,6	60,2	42,3	32,8	58,5
DIGEST	%	2	43,6	10,0	77,1	36,9	10,0	63,7	43,6	10,3	76,9	42,4	9,9	74,8	39,2	9,7	68,7	43,7	9,6	77,8	37,7	9,1	66,4
ASHCON	%	3	5,9	2,4	8,2	5,9	2,5	8,9	5,7	2,5	9,3	6,1	2,2	9,3	5,6	2,4	8,3	5,4	2,4	8,3	5,8	2,2	9,7
CONFAT	%	3	1,3	0,8	1,8	1,5	1,2	1,6	1,1	0,5	1,5	1,5	1,1	1,7	1,7	1,2	2,3	1,1	0,4	1,6	1,1	0,6	1,7
CONCRU	%	3	27,6	9,4	37,7	28,0	9,6	38,9	29,4	9,6	40,0	27,4	9,4	37,4	27,5	9,0	37,9	29,2	9,0	39,4	28,9	8,8	39,2
SUGCON	%	2	7,2	6,2	8,3	4,9	3,8	6,0	6,5	5,9	7,2	6,2	6,2	6,3	3,9	2,5	5,2	6,2	5,7	6,8	6,7	6,0	7,5
NDF	%	1	18,6	18,6	18,6	18,9	18,9	18,9	19,1	19,1	19,1	18,4	18,4	18,4	18,1	18,1	18,1	17,9	17,9	17,9	17,2	17,2	17,2
EFOS	%	1	10,3	10,3	10,3	10,5	10,5	10,5	10,5	10,5	10,5	10,4	10,4	10,4	9,9	9,9	9,9	9,9	9,9	9,9	9,6	9,6	9,6
CONPRN	g	1	5,8	2,6	9,2	5,5	2,6	9,2	5,5	2,6	8,9	5,6	2,5	9,3	5,6	2,5	9,4	5,5	2,5	9,1	5,3	2,4	9,1
CONPRN	%	2	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,4	2,4	2,4
CONNEL	MJ/k g	3	3,2	1,8	4,5	3,1	1,9	4,4	3,2	2,0	4,3	3,2	2,0	4,5	3,2	1,9	4,5	3,2	2,0	4,4	3,2	2,0	4,3
CONNEG	MJ/k g	1	3,1	3,1	3,1	3,1	3,1	3,1	3,4	3,4	3,4	3,3	3,3	3,3	3,2	3,2	3,2	3,4	3,4	3,4	3,4	3,4	3,4
CONFRU	%	1	1,7	1,7	1,7	1,6	1,6	1,6	1,7	1,7	1,7	1,6	1,6	1,6	1,3	1,3	1,3	1,2	1,2	1,2	1,5	1,5	1,5
CONPRE	g	1	57,3	57,3	57,3	56,3	56,3	56,3	56,3	56,3	56,3	54,0	54,0	54,0	53,5	53,5	53,5	55,0	55,0	55,0	52,3	52,3	52,3
METEN- ERG	MJ/k g	1	7,8	7,8	7,8	7,8	7,8	7,8	7,6	7,6	7,6	7,9	7,9	7,9	7,9	7,9	7,9	7,7	7,7	7,7	7,6	7,6	7,6

**Table 3.4-27 : Comparison of yield and quality overview grassland, North East EPPO zone.**

Treatment			UNCK			AG-CDF1-480 EC 2 l/ha			AG-CDF1-480 EC 4 l/ha			ADM.3304.H.1.A 2 l/ha			ADM.3304.H.1.A 4 l/ha			STARANE 333 H L 0,54 l/ha			STARANE 333 H L 1,08 l/ha		
rating type	Unit	n	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
MOICON	%	2	19,7	18,6	20,8	19,9	18,6	21,1	20,5	19,6	21,4	18,7	17,7	19,7	19,9	18,2	21,6	19,3	18,5	20,1	18,7	17,1	20,2
HLW	kg/100 l	2	126,6	120,9	132,2	129,2	129,2	129,2	130,5	130,5	130,5	126,0	126,0	126,0	127,2	127,2	127,2	126,6	126,6	126,6	125,2	125,2	125,2
TKW	g	2	3,3	3,1	3,5	3,3	3,1	3,5	3,3	3,1	3,5	3,3	3,1	3,5	3,3	3,1	3,5	3,3	3,1	3,5	3,3	3,1	3,6
GERMIN	%	1	75,0	75,0	75,0	77,0	77,0	77,0	76,0	76,0	76,0	75,0	75,0	75,0	75,0	75,0	75,0	76,0	76,0	76,0	77,0	77,0	77,0
WEIFRE	kg/plot	2	3,4	2,6	4,3	3,2	2,5	3,8	3,1	2,2	4,0	3,4	2,5	4,2	3,5	2,8	4,2	3,4	2,8	4,1	2,9	2,4	3,3



#### **zRMS comments on yield quality**

Differences of statistical significance were found in 3 spring cereals trials and in 2 winter cereals trials. The traits concerned are hectoliter weight and moisture content of grain. In a single trial out of five carried out in grassland most quality parameters varied significantly between all the 9 treatments of that trial. The remaining 21 cereal trials and 4 grassland trials demonstrate quality parameters being consistent between the experimental treatments.

### **3.4.4 Effects on transformation processes (KCP 6.4.4)**

Please refer to core assessment dossier

#### **zRMS comments:**

The non-submission of any specific trials for this part was accepted by zRMS. For details see the zRMS comment in the core dossier.

### **3.4.5 Impact on treated plants or plant products to be used for propagation (KCP 6.4.5)**

As presented in Tables 3.4-14 3.4-20 – 3.4-22 for spring cereals, Tables 3.4-15 3.4-23 – 3.4-25 for winter cereals and Tables 3.4-16 3.4-26 – 3.4-27 for grassland, a number of germination tests were performed: for spring cereals a total of 11 trials: 4 in Maritime EPPO zone, 3 in South East EPPO zone and 3 in North East EPPO zone, for winter cereals a total of 9 trials: 2 in Maritime EPPO zone, 4 in South East EPPO zone and 3 in North East EPPO zone, and for grassland trials /LOLPE seed production plantations from Lithuania 1 germination test.

In none of the trials significant differences between treatments were found. Both formulations AG-CDF1-480 EC and ADM.3304.H.1.A applied at both dose rates: 1N and 2N did not have negative influence on germination of seeds.

#### **zRMS comments on the effect on propagative material:**

In the bridging (present) dossier, in two trials in spring barley (HU19HSHORVS110A and PL20HSHORVS022A, Table 3.4-21(a) and 3.4-22(a) ) respectively, the germination of barley was low or very low. As any other trial reports, these two also focus on the absence of significant variation between the experimental treatments. However, no info can be found in them, which would explain the overall low germination. The same is true for a single winter barley trial (HU19HSHORVW110A, Table 3.2-24(a)). No such issues had been observed in the core data set, where altogether 27 trials tested seeds for germination from spring cereals, and 33 trials – from winter cereals.

For grassland, only one LT trial tested seed germination of LOLPE in the NE EPPO zone, showing no difference between the old and the amended formulation, with the background of the overall higher germination rate compared to another trial with the same grass species, included in the core data set. Taken both dossiers, the germination in grassland was therefore tested in 4 grass species, with 3 trials in the core using only old formulation, and just 1 trial in the bridging dossier.

### **Summary and conclusion**

As required for herbicides a number of GEP trials with the purpose of demonstration of selectivity of both formulations AG-CDF1-480 EC and ADM.3304.H.1.A applied at 1N and 2N dose rates in spring cereals as well as in winter cereals and grassland were presented.

Selectivity trials were set up on weed-free locations and were assessed for symptoms of phytotoxicity and were harvested and analysed for basic quality parameters.

Regarding selectivity trials in spring cereals, phytotoxic effects were noted on 3 trials: AVESA and HORVS in SE EPPO zone and TRZAS in Maritime EPPO zone. Observed symptoms like growth reduction/depression and leaves' deformation were slight to medium. Phytotoxicity symptoms were found on 3

**4** selectivity trials in winter cereals: HORVW and SECCW in South East EPPO zone and TRZAW in Maritime EPPO zone. Symptoms like slight growth reduction/depression and chlorosis/bleaching noted on majority of treatments including reference products.

In 1 spring wheat trial and 1 winter barley from Maritime EPPO zone statistically significant differences in yield quantity were measured. There is no relation between phytotoxicity and yield reduction, as no phytotoxicity effects were observed on any of these trials. No phytotoxic effects observed on trials conducted in NE EPPO zone, neither efficacy nor selectivity, and also no significant differences in yield quantity and quality parameters were measured.

In efficacy trials (spring and winter cereals), mild phytotoxic effects were noted but generally, phytotoxic effects were relatively rare, not exceeding significant level, symptoms and frequency so comparable for both tested formulations. At the requested application rate of 2 l/ha, both formulations AG-CDF1-480 EC and ADM.3304.H.1.A proved to be safe to the crop, also in selectivity trials (spring and winter cereals) mild to medium (1 trial) phytotoxic symptoms were recorded but with no influence on yield quantity and quality. In grassland efficacy trials conducted in Maritime EPPO climate zone ~~all~~ none of the assessments proved ~~no~~ negative impact on the crops ~~due to~~ following the treatment with the test product at target application rate.

In selectivity trials carried out on grassland in Maritime EPPO zone and in North East EPPO zone no phytotoxicity symptoms have been observed and any significant difference measured in yield and its parameters. There were no significant differences in phytotoxicity level and influence on yield and its parameters between both tested formulations AG-CDF1-480 EC and ADM.3304.H.1.A.

#### **zRMS overall comments on selectivity:**

In the **core** dossier, crop safety have been addressed in a total of 140 selectivity trials in winter (71) and spring cereals (50) and in grassland (19). In the present, bridging dossier, the efficacy equivalence has been demonstrated of the ADM.3304.H.1.A formulation to its predecessor, AG-CDF1-480 EC, allowing for conclusions based, to some extent, on the joint data of the new and the older dossiers. In **bridging**, the crop safety issues have been addressed in 31 selectivity trials, including 13 - in spring cereals, 13 - in winter cereals and 5 - in grassland.

**Phytotoxic effects** were observed in 14 trials, out of 76 overall submitted in the present dossier. Most of the time the symptoms were transient and <10% in intensity, although in three cases the symptoms exceeding 10% or even 15% in intensity were maintained until the last assessment. The incidence of symptoms was, most of the time, “shared” evenly by the old and the new formulation. Compared to the core with its AG-CDF1-480 EC, there is an improvement in the ADM.3304.H.1.A: the frequency of the transient, of <5% intensity symptoms is considerably lower in the new formulation. No apparent relationship has been established between phytotoxicity symptoms and the yield of cereals, both spring and winter, neither in old nor in the new formulation. The zRMS suggests nevertheless issuing a label warning to the following or similar meaning: “ADM.3304.H.1.A may cause phytotoxicity symptoms in cereal crops, like chloroses, growth stunting or delay, or leaf distortion. These symptoms are in most cases transient and do not affect yield quantity or quality.”

Contrary to cereals, no phytotoxic symptoms were observed in none of the 7 grassland trials.

**Effect on yield:** Significant reduction in yield caused by ADM.3304.H.1.A compared to untreated check plots was observed in two trials only, one in spring wheat and one in winter barley. In both sites the effect was brought about by the 2N, and not 1N, dose rate of the test item or of the old formulation.

**Effect on yield quality:** Differences of statistical significance were found in 3 spring cereals trials and in 2 winter cereals trials. The traits concerned are hectoliter weight and moisture content of grain. In a single trial, out of five carried out in grassland, most quality parameters varied significantly between all the 9 treatments of that trial. The remaining 21 cereal trials and 4 grassland trials demonstrate quality parameters being consistent between / unaffected by the experimental treatments.

The non-submission of any specific trials for the **effect on transformation process** was accepted by zRMS in the core dossier. For details see the zRMS comment in the core. This standpoint of zRMS is maintained with reference to ADM.3304.H.1.A.

**Effect on the propagative material:** In the present dossier, in two trials in spring barley the germination of barley was low or very low. In the remaining cereal trials the germination of the seeds from the plots treated with the test item was normal overall, and unaffected by any of the experimental treatments including test item and its predecessor. No issues with overall lower germination of cereals had been observed in the core data set either. It is concluded that no detrimental effect on germination should be expected following protection of cereals with the target dose rate 2.0L/ha of the test item ADM.3304.H.1.A. The same is concluded for grasses for seed production, even though

within the bridging dataset ADM.3304.H.1.A was used in only one trial testing for germination. It has been assumed that, in addition to that single trial using ADM.3304.H.1.A, the equivalence in efficacy provides indirect a support for equivalence in selectivity.

### 3.5 Observations on other undesirable or unintended side-effects (KCP 6.5)

#### 3.5.1 Impact on succeeding crops (KCP 6.5.1)

Please refer to core assessment dossier

**zRMS comments:**

In the core dossier, phytotoxicity and exposure data have been generated, enabling TER calculation, while 3 field trials have been used as confirmatory information, enabling conclusions on the succeeding and replacement crop options. A label warning has been suggested. Details are available in the 3.5.1 chapter of the core Part B Section 3.

#### 3.5.2 Impact on other plants including adjacent crops (KCP 6.5.2)

Please refer to core assessment dossier

**zRMS comments:**

No data has been submitted, in the core Part B Section 3, to address the impact on adjacent crops within the Efficacy section. Instead, the reference is made, by the applicant, to the dRR Section 6. To the opinion of zRMS the risk of spraying adjacent crops is apparently clear to professional users applying PGRs acting on broadleaved plants. However, depending on the results presented in the Section 6 of the present dossier, issuing respective label warning (by the Section 6) may appear relevant.

#### Tank cleaning

Please refer to core assessment dossier

**zRMS comments:**

A reasoned case based on calculation is provided in the core dossier, that has been accepted by zRMS. As the content of any of the 3 active ingredients was not changed in ADM.3304.H1.A compared to AG-CDF1-480 EC, no further tank cleaning studies are necessary.

#### 3.5.3 Effects on beneficial and other non-target organisms (KCP 6.5.3)

Please refer to core assessment dossier.

**zRMS comments:**

In the core Part B Section 3 the applicant states as follows: *“In the trials performed in this document there were no indications/observations of effects of beneficial or other non-target organisms. Detailed studies on the possible adverse effects to beneficial organisms are submitted and summarized in Part B, Section 9 (Ecotoxicology).”*  
No observations of that sort have been made in any of the bridging trials either.

### 3.6 Other/special studies

No other studies are available.

### 3.7 List of test facilities including the corresponding certificates

**Table 3.7-1: List of test facilities**

Test facility	Address	Certificate (Yes or No)
Hiebler Agricultural Service, Hiebler Agricultural Engineering Service	Pöllau 21 8311 Markt Hartmannsdorf Austria	YES
Unité Protection des Plantes et Ecotoxicologie (CRA-W)	11, rue du Bordia Gembloux Belgium	YES
Czech University of Life Sciences	Kamýcká 129 165 21 Prague 6 – Suchdol Czech Republic	YES
Zkusebni stanice Nechanice s.r.o	Stolbova 319 Nechanice Czech Republic	YES
BioChem agrar GmbH	Kupferstraße 6 D-04827 Machem OT Gerichshain Germany	YES
U.A.S. Umwelt- und Agrarstudien GmbH	Ilmstraße 6 Jena Germany	YES
Trial-Tec GmbH	Birkenhof 1; Hünstetten-Görsroth Germany	YES
Növénypatyika Kft.	Dália 10; Kaposvár/Somogy Hungary	YES
Proeftuin Zwaagdijk	Tolweg 13; Zwaagdijk-Oost Netherlands	YES
BERBERIS s.r.o.	Boliarov 54; Boliarov Slovakia	YES
OAT Ltd	West Farm Barns, Launton Road Stratton Audley, Oxon United Kingdom	YES
FERTICO Sp z o.o.	Fertico Sp. z o.o. Goliany 43 Poland	YES
CPR Europe Kft	30 Török Ignác street; Szombathely Hungary	YES
ANADIAG SAS Oddział w Polsce	Moraków 51; Góra Św. Małgorzaty Poland	YES
Hetterich Fieldwork GbR	Bamberger Str. 50; Schwarzach Germany	YES
Agreco Sp z o.o.	Gać 64A; woj. Dolnośląskie Poland	YES
ZKUSEBNI STANICE Trutnov s.r.o.	Volanovska 409; Trutnov Czech Republic	YES
Agrartest GmbH	Palmbachst. 37 D-65326 Aarbergen-Panrod Germany	YES
Cultus Agro Research BV	Zandterweg 5; Lottum	YES

Test facility	Address	Certificate (Yes or No)
	Netherlands	
Zemservis zk. st. Domaninek s.r.o	K Zamecku 1231; Bystrice nad Pernštejnem Czech Republic	YES
Lithuanian Institute of Agriculture	Valinava Akademija, Kedainiai distr. Kauno Apskritis LT-58372 /Lithuania	YES

## Appendix 1 Lists of data considered in support of the evaluation

### List of data submitted by the applicant and relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.2	Adolf Hiebler	2019	Dicotyledonous weed control and selectivity(spring cereal)of different 2,4 D , clopyralid and florasulam formulations, as bridging support , Austria 2019 Code: AT19HENNNGS114A GEP/not published	N	ADAMA
KCP 6.2	Adolf Hiebler	2019	Dicotyledonous weed control and selectivity(spring cereal)of different 2,4 D , clopyralid and florasulam formulations, as bridging support , Austria 2019 Code: AT19HENNNGS114B GEP/not published	N	ADAMA
KCP 6.2	Ir F.Henriet	2019	Dicotyledonous weed control and selectivity in spring barley (HORVS), of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Belgium 2019. ADV2019-11-REPORT Trial code BE19HEHORVS023A GEP/not published	N	ADAMA
KCP 6.2	Ir F.Henriet	2019	Dicotyledonous weed control and selectivity in spring wheat (TRZAW), of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Belgium 2019. ADV2019-12-REPORT Trial code BE19HETRZAS023B GEP/not published	N	ADAMA
KCP 6.2	Michaela Kolarova	2019	Dicotyledonous weed control and selectivity in spring cereals, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2019 Trial code: CZ19HEHORVS114B GEP/not published	N	ADAMA
KCP 6.2	Petr Hornik	2019	Dicotyledonous weed control and selectivity in spring cereals, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2019 Trial code: CZ19HEHORVS114C GEP/not published	N	ADAMA
KCP 6.2	Michaela Kolarova	2019	Dicotyledonous weed control and selectivity in winter cereals, of different 2,4 D , clopyralid and florasulam	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			formulations, as bridging support, Czech Republic 2019 Trial code: CZ19HETRZAW114A GEP/not published		
KCP 6.2	Michaela Kolarova	2020	Dicotyledonous weed control and selectivity in AVESA, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2020 Trial code: CZ20HEAVESA114D GEP/not published	N	ADAMA
KCP 6.2	Michaela Kolarova	2020	Dicotyledonous weed control and selectivity in HORVS, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2020 Trial code: CZ20HEHORVS114C GEP/not published	N	ADAMA
KCP 6.2	Petr Hornik	2020	Dicotyledonous weed control and selectivity in HORVW, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2020 Trial code: CZ20HEHORVW113A GEP/not published	N	ADAMA
KCP 6.2	Jiri Hruska	2020	Dicotyledonous weed control and selectivity in SECCW, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2020 Trial code: CZ20HESECCW114A GEP/not published	N	ADAMA
KCP 6.2	Petr Hornik	2020	Dicotyledonous weed control and selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2020 Trial code: CZ20HETTLWI114B GEP/not published	N	ADAMA
KCP 6.4	Michaela Kolarova	2020	Selectivity of different 2,4D, clopyralid and fluroxypyr formulations in AVESA as bridging support, Czech Republic, 2020. Trial code: CZ20HSAVES A116B GEP/not published	N	ADAMA
KCP 6.4	Michaela Kolarova	2020	Selectivity of different 2,4D, clopyralid and fluroxypyr formulations in AVESA as bridging support, Czech Republic, 2020. Trial code: CZ20HSAVES A117C GEP/not published	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.4	Michaela Kolarova	2020	Selectivity of different 2,4D, clopyralid and fluroxypyr formulations in HORVS as bridging support, Czech Republic, 2020 Trial code: CZ20HSHORVS117B GEP/not published	N	ADAMA
KCP 6.4	Michaela Kolarova	2020	Selectivity of different 2,4D, clopyralid and fluroxypyr formulations in HORVW as bridging support, Czech Republic, 2020 Trial code: CZ20HSHORVW116A GEP/not published	N	ADAMA
KCP 6.4	Vojtech Heger	2020	Selectivity in grassland, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Czech Republic 2020 Trial code: CZ20HSNNNFW118A GEP/not published	N	ADAMA
KCP 6.4	Michaela Kolarova	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in SECCW, as bridging support, Czech Republic 2020 Trial code: CZ20HSSECCW117A GEP/not published	N	ADAMA
KCP 6.2	Johannes Rohr	2019	Dicotyledonous weed control and selectivity in TRZAS, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2019 Trial code: DE19HENNNGS114A GEP/not published	N	ADAMA
KCP 6.2	Johannes Rohr	2019	Dicotyledonous weed control and selectivity in HORVS, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2019 Trial code: DE19HENNNGS114B GEP/not published	N	ADAMA
KCP 6.2	Udo Zickart	2019	Dicotyledonous weed control and selectivity in oats, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2019 Trial code: DE19HENNNGS114C GEP/not published	N	ADAMA
KCP 6.2	Udo Zickart	2019	Dicotyledonous weed control and selectivity in spring barley, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2019 Trial code: DE19HENNNGS114D GEP/not published	N	ADAMA



Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.2	Udo Zickart	2019	Dicotyledonous weed control and selectivity in spring wheat, of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2019 Trial code: DE19HENNNGS114E GEP/not published	N	ADAMA
KCP 6.2	Bastian Lorenz	2019	Dicotyledonous weed control and selectivity in spring barley of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2019 Trial code: DE19HENNNGS114F GEP/not published	N	ADAMA
KCP 6.2	Jorg Perner	2020	Dicotyledonous weed control and selectivity in spring barley of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2020 Trial code: DE20HEHORVS114B GEP/not published	N	ADAMA
KCP 6.2	Johannes Rohr	2020	Dicotyledonous weed control and selectivity in spring barley of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2020 Trial code: DE20HEHORVS114C GEP/not published	N	ADAMA
KCP 6.2	Viktoria Magyorovari	2020	Dicotyledonous weed control and selectivity in grassland of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2020 Trial code: DE20HENNNFW115A GEP/not published	N	ADAMA
KCP 6.2	Viktoria Magyorovari	2020	Dicotyledonous weed control and selectivity in grassland of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2020 Trial code: DE20HENNNFW115B GEP/not published	N	ADAMA
KCP 6.2	Jorg Perner	2020	Dicotyledonous weed control and winter triticale selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2020 Trial code: DE20HETTLWI113A GEP/not published	N	ADAMA
KCP 6.2	Johannes Rohr	2020	Dicotyledonous weed control and winter triticale selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Germany 2020 Trial code: DE20HETTLWI113B GEP/not published	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.4	Udo Zickart	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in winter barley , as bridging support, Germany 2020 Trial code: DE20HSHORVW116A GEP/not published	N	ADAMA
KCP 6.4	Kristin Lamers	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in winter barley , as bridging support, Germany 2020 Trial code: DE20HSHORVW117B GEP/not published	N	ADAMA
KCP 6.4	Kristin Lamers	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in grassland , as bridging support, Germany 2020 Trial code: DE20HSNNNFW118A GEP/not published	N	ADAMA
KCP 6.4	Udo Zickart	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in grassland , as bridging support, Germany 2020 Trial code: DE20HSNNNFW118B GEP/not published	N	ADAMA
KCP 6.4	Andreas Hetterich	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in spring rye , as bridging support, Germany 2020 Trial code: DE20HSSECCS117C GEP/not published	N	ADAMA
KCP 6.4	Andreas Hetterich	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in spring wheat , as bridging support, Germany 2020 Trial code: DE20HSTRZAS116B GEP/not published	N	ADAMA
KCP 6.4	Udo Zickart	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in spring wheat , as bridging support, Germany 2020 Trial code: DE20HSTRZAS116C GEP/not published	N	ADAMA
KCP 6.4	Andreas Hetterich	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations in winter wheat , as bridging support, Germany 2020 Trial code: DE20HSTRZAW117A GEP/not published	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.2	Hoffmanne Pathy Zsuzsanna	2019	Dicotyledonous weed control and spring barley selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Hungary 2019 Trial code: HU19HEHORVS110A GEP/not published	N	ADAMA
KCP 6.2	Hoffmanne Pathy Zsuzsanna	2019	Dicotyledonous weed control and winter wheat selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Hungary 2019 Trial code: HU19HETRZAW110A GEP/not published	N	ADAMA
KCP 6.2	Hoffmanne Pathy Zsuzsanna	2019	Dicotyledonous weed control and spring oat selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Hungary 2019 Trial code: HU19HEAVESA110A GEP/not published	N	ADAMA
KCP 6.4	Hoffmanne Pathy Zsuzsanna	2019	selectivity of different 2,4 D , clopyralid and florasulam formulations in spring barley, as bridging support, Hungary 2019 Trial code: HU19HSHORVS110A GEP/not published	N	ADAMA
KCP 6.4	Hoffmanne Pathy Zsuzsanna	2019	selectivity of different 2,4 D , clopyralid and florasulam formulations in winter barley, as bridging support, Hungary 2019 Trial code: HU19HSHORVW110A GEP/not published	N	ADAMA
KCP 6.4	Hoffmanne Pathy Zsuzsanna	2019	selectivity of different 2,4 D , clopyralid and florasulam formulations in winter rye, as bridging support, Hungary 2019 Trial code: HU19HSSECCW110A GEP/not published	N	ADAMA
KCP 6.2	Tibor Barasits	2020	Dicotyledonous weed control and winter barley selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Hungary 2020 Trial code: HU20HEHORVW101A GEP/not published	N	ADAMA
KCP 6.2	Roland Nagy	2020	Dicotyledonous weed control and winter rye selectivity of different 2,4 D , clopyralid and florasulam formulations, as bridging support, Hungary 2020 Trial code: HU20HESECCW101A GEP/not published	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.4	Istvan Mako	2020	selectivity of different 2,4 D , clopyralid and florasulam formulations in oats, as bridging support, Hungary 2020 Trial code: HU20HSAVESA101A GEP/not published	N	ADAMA
KCP 6.4	Roland Nagy	2020	selectivity of different 2,4 D , clopyralid and florasulam formulations in winter rye, as bridging support, Hungary 2020 Trial code: HU20HSSECCW101A GEP/not published	N	ADAMA
KCP 6.4	Lina Sarunaite	2020	Selectivity testing for bridging from AG-CGF1-480 EC to ADM.3304 H.1.A. in grass for seeds in Lithuania 2020. Trial code: LT20HSYGRAS405A GEP/not published	N	ADAMA
KCP 6.4	Lina Sarunaite	2020	Selectivity testing for bridging from AG-CGF1-480 EC to ADM.3304 H.1.A in grass for seeds in Lithuania 2020. Trial code: LT20HSYGRAS405B GEP/not published	N	ADAMA
KCP 6.2	H.de Vries	2019	Efficacy of AG-CGF1-480 EC and ADM.3304 H.1.A in spring barley 2019 Trial code: NL19HEHORVS022B GEP/not published	N	ADAMA
KCP 6.2	E.J.M. Kehrman	2019	Dicotyledonous weed control and selectivity of different 2,4 D , clopyralid and florasulam formulations, in grassland as bridging support, The Netherlands 2019 Trial code: NL19HENNNFW021A GEP/not published	N	ADAMA
KCP 6.2	E.J.M. Kehrman	2019	Dicotyledonous weed control and selectivity of different 2,4 D , clopyralid and florasulam formulations, in grassland as bridging support, The Netherlands 2019 Trial code: NL19HENNNFW021B GEP/not published	N	ADAMA
KCP 6.2	H.de Vries	2019	Efficacy of AG-CGF1-480 EC and ADM.3304 H.1.A in spring wheat, 2019 Trial code: NL19HETRZAS024B GEP/not published	N	ADAMA
KCP 6.2	Jacek Jatczak	2020	Dicotyledonous weed control in spring barley different 2,4 D , clopyralid and florasulam formulations, as bridging support, Poland 2020 Trial code: PL20HEHORVS020A	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
			GEP/not published		
KCP 6.2	Adam Szemndera	2020	Efficacy of ADM.3304 H.1.A in control f weeds in spring wheat , Poland 2020 PL20HETRZAS019A GEP/not published	N	ADAMA
KCP 6.2	Adam Szemndera	2020	Efficacy of ADM.3304 H.1.A in control f weeds in winter wheat , Poland 2020 PL20HETRZAW017A	N	ADAMA
KCP 6.2	Adam Szemndera	2020	Efficacy of ADM.3304 H.1.A in control f weeds in winter wheat , Poland 2020 PL20HETRZAW017B GEP/not published	N	ADAMA
KCP 6.2	Agnieszka Kukuła	2020	Dicotyledonous weed control and selectivity in winter wheat different of 2,4 D , clopyralid and florasulam formulations, as bridging support, Poland 2020 Trial code: PL20HETRZAW018A GEP/not published	N	ADAMA
KCP 6.2	Agnieszka Kukuła	2020	Dicotyledonous weed control and selectivity in winter wheat different of 2,4 D , clopyralid and florasulam formulations, as bridging support, Poland 2020 Trial code: PL20HETRZAW018B GEP/not published	N	ADAMA
KCP 6.4	Adam Szemndera	2020	Selectivity of ADM.3304 H.1.A applied in control of weeds in oats , Poland 2020 PL20HSAVESA023A GEP/not published	N	ADAMA
KCP 6.4	Jacek Jatczak	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations, in spring barley as bridging support, Poland 2020 Trial code: PL20HSHORVS022A GEP/not published	N	ADAMA
KCP 6.4	Adam Szemndera	2020	Selectivity of ADM.3304 H.1.A applied in control of weeds in spring wheat , Poland 2020 PL20HSTRZAS025A GEP/not published	N	ADAMA
KCP 6.4	Adam Szemndera	2020	Selectivity of ADM.3304 H.1.A applied in control of weeds in winter wheat , Poland 2020 PL20HSTRZAW021A GEP/not published	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.4	Agnieszka Kukuła	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations, in winter wheat as bridging support, Poland 2020 PL20HSTRZAW021B GEP/not published	N	ADAMA
KCP 6.4	Jacek Jatczak	2020	Selectivity of different 2,4 D , clopyralid and florasulam formulations, in winter wheat as bridging support, Poland 2020 Trial code: PL20HSTRZAW024A GEP/not published	N	ADAMA
KCP 6.4	Dusan Joziefiak	2019	Selectivity of different 2,4 D , clopyralid and florasulam formulations, in spring wheat as bridging support, Slovakia 2019 Trial code: SK19HSTRZAS113A GEP/not published	N	ADAMA
KCP 6.4	Dusan Joziefiak	2019	Selectivity of different 2,4 D , clopyralid and florasulam formulations, in winter wheat as bridging support, Slovakia 2019 Trial code: SK19HSTRZAW113A GEP/not published	N	ADAMA
KCP 6.2	Dusan Joziefiak	2020	Dicotyledonous weed control and (HORVS) selectivity of different of 2,4 D , clopyralid and florasulam formulations, as bridging support, Slovakia 2020 Trial code: SK20HEHORVS113A GEP/not published	N	ADAMA
KCP 6.2	Dusan Joziefiak	2020	Dicotyledonous weed control and (TRZAW) selectivity of different of 2,4 D , clopyralid and florasulam formulations, as bridging support, Slovakia 2020 Trial code: SK20HETRZAW114A GEP/not published	N	ADAMA
KCP 6.2	Chris Kay	2019	Spring cereals - Dicotyledonous weed control and selectivity of different of 2,4 D , clopyralid and florasulam formulations, as bridging support, UK 2019 Trial code: UK19HEYCERS418A GEP/not published	N	ADAMA
KCP 6.2	Chris Kay	2019	Spring cereals - Dicotyledonous weed control and selectivity of different of 2,4 D , clopyralid and florasulam formulations, as bridging support, UK 2019 Trial code: UK19HEYCERS418B GEP/not published	N	ADAMA

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 6.2	Chris Kay	2019	Spring cereals - Dicotyledonous weed control and selectivity of different of 2,4 D , clopyralid and florasulam formulations, as bridging support, UK 2019 Trial kode: UK19HEYCERS418C GEP/not published	N	ADAMA
KCP 6.2	Chris Kay	2019	Spring cereals - Dicotyledonous weed control and selectivity of different of 2,4 D , clopyralid and florasulam formulations, as bridging support, UK 2019 Trial kode: UK19HEYCERS418D GEP/not published	N	ADAMA
KCP 6.2	Chris Kay	2019	Winter cereals - Dicotyledonous weed control and selectivity of different of 2,4 D , clopyralid and florasulam formulations, as bridging support, UK 2019 Trial kode: UK19HEYCERW417A GEP/not published	N	ADAMA
KCP 6.4	Chris Kay	2020	selectivity of different of 2,4 D , clopyralid and florasulam formulations in winter oats, as bridging support, UK 2020 Trial kode: UK20HSAVESW404A GEP/not published	N	ADAMA

### Trial details, efficacy and selectivity

trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m2	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
AT19HENNGS114A	2019	AT	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Hiebler Agricultural Service, Hiebler Agricultural Engineering Service,	Ottendorf	HORVS	Salome	05/03/2019	15,00	300	loamy sand	23-29	30-33	02/05/2019	17/05/2019	EFFI
AT19HENNGS114B	2019	AT	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Hiebler Agricultural Engineering Service	Pöllau	HORVS	CALCULE	05/03/2019	15,00	300	loamy sand	23-29	30-32	02/05/2019	17/05/2019	EFFI
BE19HEHORVS023A	2019	BE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Unité Protection des Plantes et Ecotoxicologie,	Bellefontaine	HORVS	ODYSSEY	21/03/2019	16,00	200	silt loam	25-29	39	23/05/2019	07/06/2019	EFFI

trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m2	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
CZ19HEHORVS114B	2019	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Czech University of Life Sciences	Prague Suchdol	HORVS	Olympic	21/03/2019	12,00	300	loam	24-26	29-32	06/05/2019	17/05/2019	EFFI
CZ19HEHORVS114C	2019	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Zkusebni stanice Nechanice s.r.o	Nechanice	HORVS	Sebastian	31/03/2019	24,30	200	brown soil	25-29	33-37	21/05/2019	31/05/2019	EFFI
CZ20HEHORVS114C	2020	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Czech University of Life Sciences, Experimental station CULS	Prague Suchdo	HORVS	Olympic	19/03/2020	12,40	300	clay loam	32-34	-	13/05/2020	-	EFFI
DE19HENNGS114D	2019	DE	MAR	PP 1/93(3), PP 1/225(1), PP 1/135(3), PP 1/152(3), PP 1/181(3)	BioChem agrar GmbH;	Buschmühlen	HORVS	Planet	30/03/2019	25,00	300	loamy sand	25-28	34-35	14/05/2019	29/05/2019	EFFI
DE19HENNGS114F	2019	DE	MAR	PP 1/93(3), PP 1/225(1), PP 1/135(3), PP 1/152(3), PP 1/181(3)	BioChem agrar GmbH	Weeze	HORVS	RGT Planet	07/04/2019	13,50	300	loamy sand	25	37-39	11/06/2019	24/06/2019	EFFI
DE20HEHORVS114B	2020	DE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	U.A.S. Umwelt- und Agrarstudien GmbH	Neumark	HORVS	Marthe	19/03/2020	21,00	300	silty clay loam	37-39	-	27/05/2020	-	EFFI
DE20HEHORVS114C	2020	DE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Trial-Tec GmbH	Steckenroth	HORVS	Quench	28/03/2020	15,00	200	silty sand	23-25	-	13/05/2020	-	EFFI
HU19HEHORVS110A	2019	HU	SE	PP 1/225(1), PP 1/135(3), PP 1/152(3), PP 1/181(3)	Növénypathyka Kft.	Kaposfüred	HORVS	Xanadu	26/03/2019	24,00	252	loam	24-31	30-32	19/05/2019	26/05/2019	EFFI
NL19HEHORVS022B	2019	NL	MAR	PP 1/93(3), PP 1/225(1), PP 1/135(3), PP 1/152(3), PP 1/181(3)	Proeftuin Zwaagdijk	Wijster	HORVS	Planet	06/04/2019	15,00	300	sandy clay	27-30	35-38	15/05/2019	BBCH 35-38	EFFI
SK20HEHORVS113A	2020	SK	SE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	BERBERIS s.r.o.	BOLIAROV	HORVS	LAUDIS	28/03/2020	25,00	300	loamy clay	24-25	-	16/05/2020	-	EFFI
UK19HEYCERS418A	2019	UK	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Oxford Agricultural Trials Ltd	Auchenblae	HORVS	Sienna	24/04/2019	12,00	200	clay loam	25	33	24/05/2019	18/06/2019	EFFI



trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m2	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
UK19HEYCERS418C	2019	UK	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Oxford Agricultural Trials Ltd	Sawdon	HORVS	RGT Planet	12/03/2019	15,00	150	clay loam	24	32	02/05/2019	24/05/2019	EFFI
UK19HEYCERS418D	2019	UK	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Oxford Agricultural Trials Ltd	Halham	HORVS	Asteroid	08/04/2019	15,00	200	loamy sand	29	37-39	19/05/2019	04/06/2019	EFFI
PL20HETRZAS019A	2020	PL	NE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	FERTICO Sp z o.o.	Gostyń	TRZAS	Tybalt	16/03/2020	21,00	200	loamy sand	30-32	-	27/05/2020	-	EFFI
BE19HETRZAS023B	2019	BE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Unité Protection des Plantes et Ecotoxicologie (CRA-W),	Houdremont	TRZAS	QUINTUS	24/03/2019	16,00	200	silt loam	29-30	39	22/05/2019	07/06/2019	EFFI
DE19HENNGS114A	2019	DE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Trial-Tec GmbH	Oberlauken	TRZAS	Quintus	04/04/2019	15,00	200	sandy silt loam	23-26	36-39	15/05/2019	08/06/2019	EFFI
DE19HENNGS114E	2019	DE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	BioChem agrar GmbH; Gerichshain	Trossin	TRZAS	Licamero	01/04/2019	27,50	300	loamy sand	23-24	29-30	07/05/2019	21/05/2019	EFFI
NL19HETRZAS024B	2019	NL	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Proeftuin Zwaagdijk	Wieringerwerf	TRZAS	Tybalt	27/03/2019	15,00	300	clay	27-30	30-33	04/06/2019	14/06/2019	EFFI
UK19HEYCERS418B	2019	UK	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	OAT Ltd	Bamby Dun	TRZAS	Mulika	31/03/2019	18,00	200	sandy loam	21-23	33-39	29/04/2019	05/06/2019	EFFI
CZ20HEAVESA114D	2020	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Czech University of Life Sciences	Prague Suchdol	AVESA	Korok	19/03/2020	12,40	300	clay loam	31-34		13/05/2020		EFFI
DE19HENNGS114C	2019	DE	MAR	PP 1/93(3), PP 1/225(1), PP 1/135(3), PP 1/152(3), PP 1/181(3)	BioChem agrar GmbH; Gerichshain	Motterwitz	AVESA	Ozon	07/03/2019	15,00	300	sandy loam	22-23	30-31	30/04/2019	21/05/2019	EFFI
CZ20HSAVESAI16B	2020	CZ	MAR	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Czech University of Life Sciences	Prague Suchdol	AVESA	Korok	19/03/2020	12,40	300	loam	23-26		06/05/2020		SEL

trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m <sup>2</sup>	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
CZ20HSAVESAI17C	2020	CZ	MAR	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Czech University of Life Sciences	Prague Suchdol	AVESA	Korok	19/03/2020	12,40	300	loam	31-34		13/05/2020		SEL
HU20HSAVESAI01A	2020	HU	SE	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	CPR Europe Kft	Makó	AVESA	GK Kormorán	15/03/2020	21,00	300	clay loam	31-33		11/05/2020		SEL
PL20HSAVESAI023A	2020	PL	NE	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Fertico Sp. z o.o.	Wszembórz	AVESA	Bingo	28/03/2020	21,00	200	sandy clay loam	28-30		08/05/2020		SEL
HU19HSAVESAI10A	2019	HU	SE	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Növénypathyka Kft.	Répáspuszta	AVESA	Poseidon	03/03/2019	30,00	243	loam	31-36		18/05/2019		SEL
UK20HSAVESW404A	2020	UK	MAR	PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Oxford Agricultural Trials Ltd	Thornbury	AVESW	Gerald	07/10/2019	24,00	200	clay loam	30-31		08/05/2020		SEL
CZ20HSHORVS117B	2020	CZ	MAR	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Czech University of Life Sciences	Prague Suchdol	HORVS	Olympic	19/03/2020	12,40	300	loam	32-34		13/05/2020		SEL
HU19HSHORVS110A	2019	HU	SE	PP 1/93(3), PP 1/135(3), PP 1/152(3), PP 1/181(3)	Növénypathyka Kft.	Kaposfüred	HORVS	Xanadu	26/03/2019	24,00	252	loam	24-31		19/05/2019		SEL
PL20HSHORVS022A	2020	PL	NE	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	ANADIAG SAS Oddział w Polsce	Teresin	HORVS	Conchita	08/04/2020	28,00	300	SL	28-30		28/05/2020		SEL
DE20HSTRZAS116B	2020	DE	MAR	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Hetterich Fieldwork GbR	Wittighausen-Poppenhausen	TRZAS	Sharki	23/03/2020	13,50	300	loam	21		22/05/2020		SEL
DE20HSTRZAS116C		DE	MAR	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	BioChem agrar GmbH	Motterwitz	TRZAS	Servus	23/03/2020	25,00	250	silt loam	26-29		05/05/2020		SEL
PL20HSTRZAS025A	2020	PL	NE	PP 1/93(3), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/225(2)	Fertico Sp. z o.o.	Januszówka	TRZAS	Quintus	17/03/2020	15,00	200	sandy clay	30-32		11/02/2020		SEL

trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m2	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
SK19HSTRZAS113A	2019	SK	SE	PP 1/93(3), PP 1/135(3), PP 1/152(3), PP 1/181(3)	BERBERIS s.r.o.	Cizatice	TRZDS	IS DURA-GOLD	06/03/2019	25,00	300	loam	31-32		17/05/2019		SEL
CZ19HETRZAW114A	2019	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Czech University of Life Sciences	Prague Suchdol	TRZAW	Fakir	27/09/2018	12,00	300	loamy sand	25-29	29-31	02/04/2019	15/04/2019	EFFI
HU19HETRZAW110A	2019	HU	SE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Növénypatyka Kft.	Somogy	TRZAW	Genius	10/10/2018	30,00	243	sandy loam	29-30	37-51	07/04/2019	11/5/2019	EFFI
PL20HETRZAW017A	2020	PL	NE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	FERTICO Sp z o.o.	Dzikowo	TRZAW	Ostroga	23/10/2019	21,00	200	sandy silt loam	28-30	-	09/04/2020	-	EFFI
PL20HETRZAW017B	2020	PL	NE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	FERTICO Sp z o.o.	Józefów	TRZAW	Euforia	25/10/2019	15,00	200	sandy clay	28-30		23/04/2020		EFFI
PL20HETRZAW018A	2020	PL	NE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Agreco Sp z o.o.	Czernica	TRZAW	Patras	25/08/2019	21,60	250	loamy sand	30-31		08/04/2020		EFFI
PL20HETRZAW018B	2020	PL	NE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Agreco Sp z o.o.	Wierzbno	TRZAW	Poezja	01/10/2019	21,60	250	silt loam	30-31		08/04/2020		EFFI
SK20HETRZAW114A	2020	SK	SE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	BERBERIS s.r.o.	BOLJAROV	TRZAW	MS Arlis	26/10/2019	25,00	300	loamy clay	30-31		22/04/2020		EFFI
UK19HEYCERW417A	2019	UK	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Oxford Agricultural Trials Ltd	Tumby	TRZAW	Claire	11/11/2018	15,00	200	sand	24	30-31	05/04/2019	30/04/2019	EFFI
DE20HSSECCS117C	2020	DE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Hetterich Fieldwork GbR	Wittighausen-Poppenhausen	SECCS	Arantes	23/03/2020	13,50	300	loam	30-31		03/06/2020		SEL
CZ20HEHORVW113A	2020	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	ZS Nechanice	Nechanice	HORVW	Sandra	23/09/2019	12,15	200	sandy clay	24-29		18/03/2020		EFFI

trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m <sup>2</sup>	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
HU20HEHORVW101A	2020	HU	SE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	CPR Europe Ltd	Gyékényes	HORVW	Calypso	14/10/2019	21,00	250	clay loam	30		09/04/2020		EFFI
CZ20HESECCW114A	2020	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	ZKUSEBNI STANICE Trutnov s.r.o.	Trutnov	SECCW	Herakles	20/09/2019	12,79	200	sandy loam	30		16/04/2020		EFFI
HU20HESECCW101A	2020	HU	SE	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	CPR Europe Kft.	Bocskai kert	SECCW	Varda	10/10/2019	30,00	300	sandy loam	26-29		03/04/2020		EFFI
CZ20HETTLWI114B	2020	CZ	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	ZS Nechanice	Nechanice	TTLWI	Claudius	24/09/2019	12,15	200	sandy clay	31		17/04/2020		EFFI
DE20HETTLWI113A	2020	DE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	U.A.S. Umwelt- und Agrarstudien GmbH	Königssee-Rottenbach	TTLWI	Lombardo	16/09/2019	15,90	300	clay loam	25-29		07/04/2020		EFFI
DE20HETTLWI113B	2020	DE	MAR	PP 1/93(3), PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4)	Trial-Tec GmbH	Riesa	TTLWI	Lombardo	14/09/2019	15,00	200	sandy loam	25-29		27/03/2020		EFFI
DE20HENNNFW115A	2020	DE	MAR	PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/61(3)	Agrartest GmbH	Neidlingen	NNFW	UFA Queen Gold	03/09/2018	18,00	200	loamy clay	29-31		19/04/2020		EFFI
DE20HENNNFW115B	2020	DE	MAR	PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/61(3)	Agrartest GmbH	Weinheim	NNFW	ZG Trio Weidelgras	25/08/2014	18,00	300	sandy loam	33-49		27/03/2020		EFFI
NL19HENNNFW021A	2019	NL	MAR	PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/61(3)	Cultus Agro Research BV	Angeren	NNFW			15,00	250	loam	24-26		18/04/2019		EFFI
NL19HENNNFW021B	2019	NL	MAR	PP 1/225(2), PP 1/135(4), PP 1/152(4), PP 1/181(4), PP 1/61(3)	Cultus Agro Research BV	Gendt	NNFW			15,00	250	loam	26-28		20/04/2019		EFFI
DE20HSTRZAW117A	2020	DE	MAR	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	Hetterich Fieldwork GbR	Wittighausen-Poppenhausen	TRZAW	Montana	15/10/2019	14,25	300	loam	30		11/04/2020		SEL

trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m <sup>2</sup>	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
PL20HSTRZAW021B	2020	PL	NE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	AGRECO sp. z o.o	Mysliborzyce	TRZAW	Zeppelin	22/10/2019	24,00	250	loamy sand	23-24		09/04/2020		SEL
PL20HSTRZAW021A	2020	PL	NE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	Fertico Sp z o.o.	Raibin	TRZAW	Delavar	23/09/2019	21,00	200	fine sand	23-26		16/04/2020		SEL
PL20HSTRZAW024A	2020	PL	NE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	ANADIAG S.A	Niedzwiedz	TRZAW	Ozon	26/09/2019	21,00	200	silty sand	31-32		16/04/2020		SEL
SK19HSTRZAW113A	2019	SK	SE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4)	BERBERIS s.r.o.	Boliarov	TRZAW	Madejka	26/09/2018	25,00	300	loamy clay	30-31		17/04/2019		SEL
CZ20HSSECCW117A	2020	CZ	MAR	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	Czech University of Life Sciences	Horice	SECCW	Inspector	02/10/2019	12,40	300	sandy loam	32-33		16/04/2020		SEL
HU19HSSECCW110A	2019	HU	SE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4)	Növénypathyka Kft.	Pusztakovácsi-Kürtöspusztá	SECCW	Protector	04/10/2018	30,00	243	sandy loam	31-32		07/04/2019		SEL
HU20HSSECCW101A	2020	HU	SE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	CPR Europe Kft.	Bocskai kert	SECCW	Varda	10/10/2019	30,00	300	sandy loam	28-29		03/04/2020		SEL
CZ20HSHORVW116A	2020	CZ	MAR	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	Czech University of Life Sciences	Horice	HORVW	KWS Kosmos	19/09/2019	12,40	300	loamy sand	23-29		03/04/2020		SEL
HU19HSHORVW110A	2019	HU	SE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4)	Növénypathyka Kft	Mernyeszentmiklós	HORVW	SU Ellen	17/10/2018	30,00	243	loam	29-32		07/04/2019		SEL
DE20HSHORVW116A	2020	DE	MAR	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	BioChem agrar GmbH	Motterwitz	HORVW	Lomerit	19/09/2019	25,00	250	silt loam	26-28		02/04/2020		SEL
DE20HSHORVW117B	2020	DE	MAR	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	BioChem agrar GmbH	Weeze	HORVW	KWS KO-SMOS	25/09/2019	13,50	300	loamy sand	29-33		24/03/2020		SEL

trial code / pdf file name	trial yr	MS	EPPO	EPPO guidelines	Unit	trial location	crop	variety	sowing period	plot size m <sup>2</sup>	water volume L/ha	soil	A, BBCH	B, BBCH	A date	B date	Assessment type
DE19HENNGS114B	2019	DE	MAR	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	Trial-Tec GmbH	Strinz-Trinitatis	HORVS	Quench	27/03/2019	15,00	200	silt loam	23-25	37-39	15/05/2019	08/06/2019	EFFI
PL20HEHORVS020A	2020	PL	NE	PP 1/93(3);PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2)	ANADIAG SAS Oddział w Polsce	Moraków 51	HORVS	Teksas	19/03/2020	18,00	200	sandy loam	24-32		27/05/2020		EFFI
CZ20HSNNFW118A	2020	CZ	MAR	PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2);PP 1/61(3)	Zemservis zk. st. Domaninek s.r.o	Bystrice nad Pernštejnem	NNNFW	Composition of mixture	01/09/2014	12,00	200	loamy sand	37-39		22/05/2020		SEL
DE20HSNNFW118A	2020	DE	MAR	PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2);PP 1/61(3)	BioChem agrar GmbH Branch office Agroplan	Weeze	NNNFW			21,00	300	sandy loam	39		08/04/2020		SEL
DE20HSNNFW118B	2020	DE	MAR	PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/225(2);PP 1/61(3)	BioChem agrar GmbH	Breitenborn	NNNFW			30,00	250	sandy loam	27-29		23/04/2020		SEL
LT20HSYGRAS405A	2020	LT	NE	PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/61(3)	Lithuanian Institute of Agriculture	Valinava	LOLPE	Verseka	24/04/2018	20,00	200	loam	22-24		11/04/2020		SEL
LT20HSYGRAS405B	2020	LT	NE	PP 1/135(4);PP 1/152(4);PP 1/181(4);PP 1/61(3)	Lithuanian Institute of Agriculture	Akademija	LOLPE	Elena DS	22/04/2019	20,00		sandy loam	30-32		16/04/2020		SEL

**Trial details yield and yield parameters**

trial code	EPPO ZONE	CROP	treatment	dose rate	YIELD kg/plot	YIELD t/ha	YIELD dt/ha	MOICON	HLW	TKW	GERMIN	PROCON	SEDZEL
HU20HSAVESAS101A	SE	AVESA	UNTREATED CHECK		8,68	5,60		9,65	39,40	28,09	96,00		
HU20HSAVESAS101A	SE	AVESA	AG-CDF1-480 EC	2	8,83	5,71		9,48	41,71	29,89	95,50		
HU20HSAVESAS101A	SE	AVESA	AG-CDF1-480 EC	4	8,55	5,51		9,70	40,07	28,87	96,30		
HU20HSAVESAS101A	SE	AVESA	ADM.3304.H.1.A	2	8,75	5,63		9,88	41,69	29,82	95,00		
HU20HSAVESAS101A	SE	AVESA	ADM.3304.H.1.A	4	8,84	5,65		10,40	41,64	29,95	94,80		
HU20HSAVESAS101A	SE	AVESA	AG-FF2-102.5 SE	1,5	9,11	5,90		9,25	39,79	29,06	93,50		

trial code	EPPO ZONE	CROP	treatment	dose rate	YIELD kg/plot	YIELD t/ha	YIELD dt/ha	MOICON	HLW	TKW	GERMIN	PROCON	SEDZEL
HU20HSAVESAI01A	SE	AVESA	AG-FF2-102.5 SE	3	9,09	5,87		9,55	39,76	29,36	95,50		
HU20HSAVESAI01A	SE	AVESA	COLOMBUS EC	1,0	9,52	6,15		9,45	40,01	28,78	96,00		
HU20HSAVESAI01A	SE	AVESA	COLOMBUS EC	2,0	8,73	5,62		9,75	39,90	29,00	96,80		
HU19HSAVESAI10A	SE	AVESA	UNTREATED CHECK		10,89		73,30	12,13	45,30	25,40	58,30	10,60	
HU19HSAVESAI10A	SE	AVESA	AG-CDF1-480 EC	2,0	10,40		70,20	11,92	36,90	29,10	51,00	10,90	
HU19HSAVESAI10A	SE	AVESA	AG-CDF1-480 EC	4,0	10,54		70,80	12,28	42,10	27,10	61,30	10,60	
HU19HSAVESAI10A	SE	AVESA	ADM.3304.H.1.A	2,0	11,15		75,30	11,90	40,00	28,00	51,30	11,10	
HU19HSAVESAI10A	SE	AVESA	ADM.3304.H.1.A	4,0	10,40		69,70	12,54	36,00	31,50	53,00	10,60	
HU19HSAVESAI10A	SE	AVESA	AG-FF2-102.5 SE	1,5	10,24		69,10	11,92	39,20	31,40	34,80	10,50	
HU19HSAVESAI10A	SE	AVESA	AG-FF2-102.5 SE	3,0	10,98		73,90	12,16	43,30	27,70	49,50	10,40	
HU19HSHORVS110A	SE	HORVS	UNTREATED CHECK		2,63		17,50	13,08	51,93	30,16	61,50	11,98	
HU19HSHORVS110A	SE	HORVS	AG-CDF1-480 EC	2,0	1,99		13,70	9,99	56,94	31,79	55,30	12,70	
HU19HSHORVS110A	SE	HORVS	AG-CDF1-480 EC	4,0	2,50		17,10	10,80	56,29	32,10	55,80	11,73	
HU19HSHORVS110A	SE	HORVS	ADM.3304.H.1.A	2,0	2,05		13,90	11,27	54,30	31,52	61,50	12,35	
HU19HSHORVS110A	SE	HORVS	ADM.3304.H.1.A	4,0	1,96		13,00	13,53	53,63	31,91	59,80	12,50	
HU19HSHORVS110A	SE	HORVS	AG-FF2-102.5 SE	1,5	2,43		16,30	12,42	52,87	32,36	62,00	11,95	
HU19HSHORVS110A	SE	HORVS	AG-FF2-102.5 SE	3,0	2,52		17,10	11,35	53,64	32,11	64,30	12,15	
SK19HSTRZAS113A	SE	TRZAS	UNTREATED CHECK		9,92		39,66	14,35	79,73	46,20	94,25	17,69	72,00
SK19HSTRZAS113A	SE	TRZAS	AG-CDF1-480 EC	2,0	10,04		40,16	14,28	78,78	44,60	94,50	17,94	74,00
SK19HSTRZAS113A	SE	TRZAS	AG-CDF1-480 EC	4,0	10,02		40,07	14,33	78,30	44,35	94,50	17,92	73,75
SK19HSTRZAS113A	SE	TRZAS	ADM.3304.H.1.A	2,0	10,01		40,05	14,30	78,53	45,00	94,25	18,00	72,25
SK19HSTRZAS113A	SE	TRZAS	ADM.3304.H.1.A	4,0	10,03		40,11	14,30	78,60	45,98	94,50	18,30	75,25
SK19HSTRZAS113A	SE	TRZAS	MUSTANG FORTE	0,8	10,03		40,11	14,30	78,33	44,75	94,25	18,12	75,75
SK19HSTRZAS113A	SE	TRZAS	MUSTANG FORTE	1,6	10,10		40,41	14,25	78,43	45,70	94,75	17,96	73,50
SK19HSTRZAW113A	SE	TRZAW	UNCK	0,00	9,71		38,83	14,23	77,31	42,05	94,5	12,26	38,75
SK19HSTRZAW113A	SE	TRZAW	AG-CDF1-480 EC	2,00	9,82		39,27	14,2	77,67	42,15	94,75	12,23	37,5
SK19HSTRZAW113A	SE	TRZAW	AG-CDF1-480 EC	4,00	9,84		39,36	14,2	77,51	42,08	95	12,29	38,5
SK19HSTRZAW113A	SE	TRZAW	ADM.3304.H.1.A	2,00	9,81		39,22	14,23	77,46	42,4	94,25	12,17	38,25

trial code	EPPO ZONE	CROP	treatment	dose rate	YIELD kg/plot	YIELD t/ha	YIELD dt/ha	MOICON	HLW	TKW	GERMIN	PROCON	SEDZEL
SK19HSTRZAW113A	SE	TRZAW	ADM.3304.H.1.A	4,00	9,79		39,15	14,2	77,54	42,23	94,75	12,28	38
SK19HSTRZAW113A	SE	TRZAW	MUSTANG FORTE	1,00	9,82		39,26	14,18	77,54	42,3	94,75	12,28	38
SK19HSTRZAW113A	SE	TRZAW	MUSTANG FORTE	2,00	9,75		38,99	14,18	77,51	42,33	94,75	12,37	37,5
HU19HSSECCW110A	SE	SECCW	UNCK	0,00	5,56		39,2	8,07	75,823	21,33	59,5	11,7	
HU19HSSECCW110A	SE	SECCW	AG-CDF1-480 EC	2,00	5,69		39,6	9,37	63,985	19,338	58,3	12,33	
HU19HSSECCW110A	SE	SECCW	AG-CDF1-480 EC	4,00	5,97		42,3	7,68	79,59	22,975	60,5	11,98	
HU19HSSECCW110A	SE	SECCW	ADM.3304.H.1.A	2,00	5,44		37,6	9,84	61,47	23,388	62	11,53	
HU19HSSECCW110A	SE	SECCW	ADM.3304.H.1.A	4,00	6,12		42,7	9,01	68,258	22,985	68,5	11,6	
HU19HSSECCW110A	SE	SECCW	AG-FF2-102.5 SE	1,50	5,86		41,4	7,92	76,075	21,145	63,3	11,98	
HU19HSSECCW110A	SE	SECCW	AG-FF2-102.5 SE	3,00	6,01		41,8	9,31	65,265	20,595	63,8	12,05	
HU20HSSECCW101A	SE	SECCW	UNCK	0,00	7,82	3,013		16,2	72,08	38,45	84,3	12	
HU20HSSECCW101A	SE	SECCW	AG-CDF1-480 EC	2,00	7,85	3,035		15,9	70,45	37,4	86	11,7	
HU20HSSECCW101A	SE	SECCW	AG-CDF1-480 EC	4,00	7,76	2,983		16,4	70,4	38,73	83,8	12,3	
HU20HSSECCW101A	SE	SECCW	ADM.3304.H.1.A	2,00	7,82	3,005		16,4	70,63	37,88	85,5	12,4	
HU20HSSECCW101A	SE	SECCW	ADM.3304.H.1.A	4,00	7,89	3,013		16,9	71,25	38,18	85,3	12,1	
HU20HSSECCW101A	SE	SECCW	ARIANE C	1,50	7,76	2,958		17,1	73,3	37,13	89,3	12	
HU20HSSECCW101A	SE	SECCW	ARIANE C	3,00	7,88	3,022		16,6	71,1	37,5	85	12,1	
HU20HSSECCW101A	SE	SECCW	COLOMBUS EC	1,00	7,88	3,022		16,6	70,58	38,05	84,3	11,9	
HU20HSSECCW101A	SE	SECCW	COLOMBUS EC	2,00	7,71	2,938		17,1	70,58	37,33	87,8	11,6	
HU19HSHORVW110A	SE	HORVW	UNCK	0,00	13,79		93,73	11,5	55,52	41,15	28	11,8	
HU19HSHORVW110A	SE	HORVW	AG-CDF1-480 EC	2	14,55		98,89	11,2	53,5	39,04	34,8	11,9	
HU19HSHORVW110A	SE	HORVW	AG-CDF1-480 EC	4	13,56		92,29	11,1	52,88	39,85	30,5	11,9	
HU19HSHORVW110A	SE	HORVW	ADM.3304.H.1.A	2	13,81		93,93	11,3	58,89	40,2	31,3	11,9	
HU19HSHORVW110A	SE	HORVW	ADM.3304.H.1.A	4	13,2		90	11	60,63	41,01	31	11,6	
HU19HSHORVW110A	SE	HORVW	AG-FF2-102.5 SE	1,5	14,77		100,48	11,2	56,53	42,4	29,3	12	
HU19HSHORVW110A	SE	HORVW	AG-FF2-102.5 SE	3	13,19		89,54	11,3	55,66	41,24	32	12,2	



### Yield in grassland

trial code	EPPO ZONE	CROP	treatment	dose rate	YIELD t/ha	MOICON	HLW	TKW	WEIFRE kg/plot
LT20HSYGRAS405A	NE	LOLPE	UNCK		1,19	20,8	120,9	3,1	2,61
LT20HSYGRAS405A	NE	LOLPE	ADM.3304.H.1.A	2	1,16	19,7	122,5	3,11	2,51
LT20HSYGRAS405A	NE	LOLPE	ADM.3304.H.1.A	4	1,24	21,6	120,1	3,05	2,75
LT20HSYGRAS405A	NE	LOLPE	AG-CDF1-480 EC	2	1,14	21,1	119,7	3,12	2,53
LT20HSYGRAS405A	NE	LOLPE	AG-CDF1-480 EC	4	0,99	21,4	121,7	3,06	2,2
LT20HSYGRAS405A	NE	LOLPE	ARIANE FG S	2,5	1,12	21	121	3,14	2,48
LT20HSYGRAS405A	NE	LOLPE	ARIANE FG S	5	1,1	20	121,6	3,07	2,39
LT20HSYGRAS405A	NE	LOLPE	STARANE 333 HL	0,54	1,27	20,1	119,4	3,09	2,77
LT20HSYGRAS405A	NE	LOLPE	STARANE 333 HL	1,08	1,12	20,2	122,7	3,11	2,44
LT20HSYGRAS405B	NE	LOLPE	UNCK		1,99	18,6	132,2	3,53	4,25
LT20HSYGRAS405B	NE	LOLPE	ADM.3304.H.1.A	2	1,99	17,7	126	3,47	4,2
LT20HSYGRAS405B	NE	LOLPE	ADM.3304.H.1.A	4	1,96	18,2	127,2	3,51	4,16
LT20HSYGRAS405B	NE	LOLPE	AG-CDF1-480 EC	2	1,76	18,6	129,2	3,53	3,77
LT20HSYGRAS405B	NE	LOLPE	AG-CDF1-480 EC	4	1,84	19,6	130,5	3,54	3,97
LT20HSYGRAS405B	NE	LOLPE	STARANE XL	1,8	1,89	17,8	122,7	3,57	4
LT20HSYGRAS405B	NE	LOLPE	STARANE XL	3,6	1,86	19,8	126,1	3,53	4,04
LT20HSYGRAS405B	NE	LOLPE	STARANE 333 HL	0,54	1,91	18,5	126,6	3,51	4,08
LT20HSYGRAS405B	NE	LOLPE	STARANE 333 HL	1,08	1,56	17,1	125,2	3,55	3,27

### Quality parameters from selecticity trials in grassland

trial code	EPPO ZONE	CROP	treatment	dose rate	MOICON	PROCON	WE-IFR E kg/plot	WE-IFR E kg/ha	WE-IDR Y kg/ha	WE-IDR Y KG/PLOT	WE-IDR Y T-MET	DRY MATTER	DI-GEST	ASH CON	CON FAT	CON CRU	SU-GCON	NDF	EFOS	CON PRN	CON NEL g	CON-NEL %	CON NEG	CON FRU	CON PRE	ME-TE-NEGR
CZ20HSNN NFW118A	MAR	NN NFW	UNCK			7,17	18,165		15,138		5,1	30,9	77,13	7,07	1,82	35,86				5,53		1,83	3,06			
CZ20HSNN NFW118A	MAR	NN NFW	AG-CDF1-480 EC	2,00		6,65	18,645		15,538		5,2	32	74,84	6,9	1,7	35,36				4,98		1,95	3,26			

trial code	EP PO Z O N E	CRO P	treatment	do se ra te	MO- ICO N	PRO CON	WE- IFR E kg/pl ot	WE- IFR E kg/h a	WE- IFR E T- MET	WE- IDR Y kg/ha	WE- IDR Y KG/P LOT	WE- IDR Y T- MET	DRY MAT- TER	DI- GES T	ASH CON	CON FAT	CON CRU	SU- GCO N	N D F	EF OS	CON PRN	CON NEL <sub>g</sub>	CON- NEL %	CON NEG	CON FRU	CON PRE	ME- TE- NERG
CZ20HSNN NFW118A	M AR	NN NF W	AG- CDF1-480 EC	4, 00		7,23	18,0 6		15,0 5			4,8	31,3	68,7 4	6,03	2,27	35,42				4,97		1,93	3,23			
CZ20HSNN NFW118A	M AR	NN NF W	ADM.330 4.H.1.A	2, 00		7,16	18,3 9		15,3 25			4,9	30,4	63,6 9	6,39	1,59	35,62				4,56		1,86	3,12			
CZ20HSNN NFW118A	M AR	NN NF W	ADM.330 4.H.1.A	4, 00		6,33	18,4 65		15,3 88			5,1	32,8	76,9 4	5,41	1,48	38,62				4,87		2,03	3,41			
CZ20HSNN NFW118A	M AR	NN NF W	SIMPLEX	2, 00		6,31	18,1 85		15,1 53			4,7	32,6	77,8 1	5,6	1,56	39,37				4,91		2,02	3,37			
CZ20HSNN NFW118A	M AR	NN NF W	SIMPLEX	4, 00		6,51	18,4 7		15,3 93			5	32,8	66,3 6	5,58	1,72	39,15				4,32		2,03	3,4			
CZ20HSNN NFW118A	M AR	NN NF W	KINVA- RA	3, 00		7,32	18,3 35		15,2 78			5,1	31,2	78,5 5	5,51	1,87	36,37				5,57		1,93	3,23			
CZ20HSNN NFW118A	M AR	NN NF W	KINVA- RA	6, 00		7,64	18,5 05		15,4 23			4,7	30,2	76,7	6,33	2,12	35,89				5,86		1,85	3,1			
DE20HSNN NFW118A	M AR	NN NF W	UNCK		61,28	6,38	25,1 3				9,7		38,73	10,0 3	2,4	1,23	9,35	6,18	18, 63	10, 33	2,63	2,63			1,65	57,3	
DE20HSNN NFW118A	M AR	NN NF W	AG- CDF1-480 EC	2, 00	62,65	5,6	27,6				10,3		37,35	9,88	2,2	1,08	9,35	6,18	18, 4	10, 39	2,493	2,493			1,58	54	
DE20HSNN NFW118A	M AR	NN NF W	AG- CDF1-480 EC	4, 00	63,28	6,43	24,8 8				9,1		36,73	9,65	2,35	1,23	9,03	5,23	18, 08	9,8 45	2,48	2,48			1,28	53,5	
DE20HSNN NFW118A	M AR	NN NF W	ADM.330 4.H.1.A	2, 00	61,28	6,2	26,1 8				10,1		38,73	10	2,48	1,23	9,6	5,98	18, 85	10, 473	2,608	2,608			1,6	56,3	
DE20HSNN NFW118A	M AR	NN NF W	ADM.330 4.H.1.A	4, 00	61,18	6,3	25,6 8				9,9		38,83	10,2 5	2,45	1,25	9,58	5,85	19, 13	10, 525	2,605	2,605			1,68	56,3	
DE20HSNN NFW118A	M AR	NN NF W	SIMPLEX	2, 00	62,75	6,35	27,2 3				10,1		37,25	9,63	2,35	1,2	8,95	5,68	17, 93	9,8 63	2,523	2,523			1,23	55	
DE20HSNN NFW118A	M AR	NN NF W	SIMPLEX	4, 00	64,28	5,6	27,2 8				9,7		35,73	9,1	2,18	1,05	8,8	5,98	17, 23	9,5 63	2,403	2,403			1,45	52,3	
DE20HSNN NFW118B	M AR	NN NF W	UNCK		45,7	4	9,88 3	8984 ,09		4879, 2			54,3		8,2	0,8	37,7	8,3			9,2		4,5				7,8
DE20HSNN NFW118B	M AR	NN NF W	AG- CDF1-480 EC	2, 00	40,1	4,9	10,5 55	9595 ,46		5761, 5			59,93		9,3	1,6	37,4	6,3			9,3		4,5				7,9
DE20HSNN NFW118B	M AR	NN NF W	AG- CDF1-480 EC	4, 00	39,9	5,1	10,4 58	9506 ,82		5701, 6			60,1		8,3	1,7	37,9	2,5			9,4		4,5				7,9
DE20HSNN NFW118B	M AR	NN NF W	ADM.330 4.H.1.A	2, 00	38,5	4,7	10,7 88	9806 ,82		6027, 5			61,55		8,9	1,6	38,9	3,8			9,2		4,4				7,8
DE20HSNN NFW118B	M AR	NN NF W	ADM.330 4.H.1.A	4, 00	38,8	3,9	9,94	9036 ,36		5538, 3			61,2		9,3	0,5	40	7,2			8,9		4,3				7,6

trial code	EP PO ZO NE	CRO P	treatment	do se ra te	MO- ICO N	PRO CON	WE- IFR E kg/pl ot	WE- IFR E kg/h a	WE- IFR E T- MET	WE- IDR Y kg/ha	WE- IDR Y KG/P LOT	WE- IDR Y T- MET	DRY MAT- TER	DI- GES T	ASH CON	CON FAT	CON CRU	SU- GCO N	N D F	EF OS	CON PRN	CON NEL <sub>g</sub>	CON- NEL %	CON NEG	CON FRU	CON PRE	ME- TE- NERG
DE20HSNN NFW118B	M AR	NN NF W	SIMPLEX	2, 00	39,8	4,4	9,86	8963 ,64		5387, 5			60,18		8,3	0,4	39,3	6,8			9,1		4,4				7,7
DE20HSNN NFW118B	M AR	NN NF W	SIMPLEX	4, 00	41,6	5,1	9,40 5	8550		4984, 5			58,45		9,7	0,6	38,6	7,5			9,1		4,3				7,6

**Quality parameters from 6 selectivity trials in cereals, Poland, North-Eastern zone**

trial code / pdf file name	EPPO ZONE	CROP	treatment	dose rate	YIELD kg/plot	YIELD t/ha	MOICON	HLW	TKW	GERMIN	PROCON	SEDZEL
PL20HSAVESAO23A	NE	AVESA	UNTREATED CHECK		4,73	4,50	13,23	47,70	39,90	93,00		
PL20HSAVESAO23A	NE	AVESA	AG-CDF1-480 EC	2	4,65	4,43	13,33	47,40	39,98	92,00		
PL20HSAVESAO23A	NE	AVESA	AG-CDF1-480 EC	4	4,66	4,44	13,28	47,70	39,95	90,00		
PL20HSAVESAO23A	NE	AVESA	ADM.3304.H.1.A	2	4,65	4,43	13,28	47,50	40,10	90,75		
PL20HSAVESAO23A	NE	AVESA	ADM.3304.H.1.A	4	4,56	4,34	13,25	47,48	40,20	90,75		
PL20HSAVESAO23A	NE	AVESA	ARIANE C	1,5	4,70	4,47	13,33	47,48	40,05	90,25		
PL20HSAVESAO23A	NE	AVESA	ARIANE C	3	4,79	4,56	13,30	47,70	39,88	92,00		
PL20HSAVESAO23A	NE	AVESA	GOLD 450 EC	1,3	4,74	4,52	13,35	47,68	40,08	90,25		
PL20HSAVESAO23A	NE	AVESA	GOLD 450 EC	2,5	4,74	4,51	13,25	47,53	39,88	92,75		
PL20HSHORVS022A	NE	HORVS	UNTREATED CHECK		5,72	3,35	11,40	61,30	40,30	9,00		
PL20HSHORVS022A	NE	HORVS	AG-CDF1-480 EC	2,0	6,35	3,71	11,50	61,60	41,20	13,00		
PL20HSHORVS022A	NE	HORVS	AG-CDF1-480 EC	4,0	6,55	3,83	11,60	61,70	43,40	7,00		
PL20HSHORVS022A	NE	HORVS	ADM.3304.H.1.A	2,0	6,62	3,89	11,20	61,50	42,30	9,30		
PL20HSHORVS022A	NE	HORVS	ADM.3304.H.1.A	4,0	6,19	3,61	11,80	61,40	43,10	14,00		
PL20HSHORVS022A	NE	HORVS	ARIANE C	1,5	6,30	3,69	11,40	61,50	40,90	9,00		
PL20HSHORVS022A	NE	HORVS	ARIANE C	3,0	5,94	3,48	11,50	62,60	41,30	8,50		
PL20HSHORVS022A	NE	HORVS	GOLD 450 EC	1,3	6,22	3,64	11,40	62,00	41,90	13,50		
PL20HSHORVS022A	NE	HORVS	GOLD 450 EC	2,5	6,80	3,96	11,80	62,30	41,40	13,00		
PL20HSTRZAS025A	NE	TRZAS	UNTREATED CHECK		4,42	5,92	13,50	77,18	45,38	88,00		

trial code / pdf file name	EPPO ZONE	CROP	treatment	dose rate	YIELD kg/plot	YIELD t/ha	MOICON	HLW	TKW	GERMIN	PROCON	SEDZEL
PL20HSTRZAS025A	NE	TRZAS	AG-CDF1-480 EC	2,0	4,35	5,84	13,48	77,08	45,20	87,50		
PL20HSTRZAS025A	NE	TRZAS	AG-CDF1-480 EC	4,0	4,37	5,87	13,48	77,13	45,08	87,00		
PL20HSTRZAS025A	NE	TRZAS	ADM.3304.H.1.A	2,0	4,42	5,93	13,53	77,03	45,23	87,50		
PL20HSTRZAS025A	NE	TRZAS	ADM.3304.H.1.A	4,0	4,63	6,21	13,55	76,95	45,23	87,00		
PL20HSTRZAS025A	NE	TRZAS	ARIANE C	1,5	4,45	5,96	13,53	77,10	45,43	87,75		
PL20HSTRZAS025A	NE	TRZAS	ARIANE C	3,0	4,40	5,89	13,50	77,00	45,25	87,75		
PL20HSTRZAS025A	NE	TRZAS	GOLD 450 EC	1,3	4,24	5,68	13,50	76,93	45,33	87,00		
PL20HSTRZAS025A	NE	TRZAS	GOLD 450 EC	2,5	4,51	6,04	13,55	77,13	44,73	88,00		
PL20HSTRZAW021B	NE	TRZAW	UNCK	0,00		8,8	13,7	80	45,4	98,4	15	66
PL20HSTRZAW021B	NE	TRZAW	AG-CDF1-480 EC	2,00		8,8	13,4	80,2	45,4	99	15	65,8
PL20HSTRZAW021B	NE	TRZAW	AG-CDF1-480 EC	4,00		8,7	13,5	80,1	44,3	98,4	15	65,3
PL20HSTRZAW021B	NE	TRZAW	ADM.3304.H.1.A	2,00		8,7	13,7	80,1	45,6	98,8	15	65,8
PL20HSTRZAW021B	NE	TRZAW	ADM.3304.H.1.A	4,00		8,6	13,4	79,9	45,2	98,5	15	65,5
PL20HSTRZAW021B	NE	TRZAW	ARIANE C	1,50		8,9	13,2	80,2	45,3	98,2	15,2	66,8
PL20HSTRZAW021B	NE	TRZAW	ARIANE C	3,00		8,9	13,4	80	45,6	98,5	14,8	65
PL20HSTRZAW021B	NE	TRZAW	GOLD 450 EC	1,25		8,8	13,4	80,1	45,8	99,1	15,1	66,5
PL20HSTRZAW021B	NE	TRZAW	GOLD 450 EC	2,50		8,7	13,8	79,9	45,3	98,8	15	64
PL20HSTRZAW021A	NE	TRZAW	UNCK	0,00	6,5	6,21	13,73	68,9	41,48	90,75		
PL20HSTRZAW021A	NE	TRZAW	AG-CDF1-480 EC	2,00	6,44	6,15	13,83	68,8	41,64	92,25		
PL20HSTRZAW021A	NE	TRZAW	AG-CDF1-480 EC	4,00	6,53	6,24	13,78	69,03	41,57	92		
PL20HSTRZAW021A	NE	TRZAW	ADM.3304.H.1.A	2,00	6,64	6,34	13,85	69,03	41,45	92		
PL20HSTRZAW021A	NE	TRZAW	ADM.3304.H.1.A	4,00	6,42	6,13	13,78	69,13	41,38	91,5		
PL20HSTRZAW021A	NE	TRZAW	ARIANE C	1,50	6,55	6,25	13,85	68,8	41,44	91,75		
PL20HSTRZAW021A	NE	TRZAW	ARIANE C	3,00	6,56	6,27	13,7	68,83	41,3	90,75		
PL20HSTRZAW021A	NE	TRZAW	GOLD 450 EC	1,25	6,63	6,32	13,8	69,05	41,65	91,5		
PL20HSTRZAW021A	NE	TRZAW	GOLD 450 EC	2,50	6,66	6,36	13,78	68,95	41,48	91		
PL20HSTRZAW024A	NE	TRZAW	UNCK	0,00	10,8	6,42	14,3	73,9	42,6	8,8	12,4	37,1
PL20HSTRZAW024A	NE	TRZAW	AG-CDF1-480 EC	2,00	10,2	6,02	14,5	76,3	42,7	9,8	11,8	36,1
PL20HSTRZAW024A	NE	TRZAW	AG-CDF1-480 EC	4,00	10,8	6,43	13,7	75,2	44,2	8,3	12,6	36,1

trial code / pdf file name	EPPO ZONE	CROP	treatment	dose rate	YIELD kg/plot	YIELD t/ha	MOICON	HLW	TKW	GERMIN	PROCON	SEDZEL
PL20HSTRZAW024A	NE	TRZAW	ADM.3304.H.1.A	2,00	11,2	6,66	14,3	74,8	43,2	7,8	12,6	36,7
PL20HSTRZAW024A	NE	TRZAW	ADM.3304.H.1.A	4,00	10,9	6,45	14,3	75,4	42	8,8	12,8	37
PL20HSTRZAW024A	NE	TRZAW	ARIANE C	1,50	10	5,99	13,3	75	41,6	11,5	13,4	37,4
PL20HSTRZAW024A	NE	TRZAW	ARIANE C	3,00	10,7	6,42	13,3	75,2	42	9	13,1	38,1
PL20HSTRZAW024A	NE	TRZAW	GOLD 450 EC	1,25	10,8	6,49	12,9	75	41,7	10,5	13,4	36,3
PL20HSTRZAW024A	NE	TRZAW	GOLD 450 EC	2,50	11,5	6,81	14,6	75,2	44,5	9	11,7	37,2

### Yields and yield parameters from selectivity trials, spring and winter cereals , Maritime EPPO zone.

trial code	EPPO ZONE	CROP	Treatment	dose rate	YIELD kg/plot	YIELD t/ha	MOICON	HLW kg	TKW	GERMIN	PROCON	SEDZEL
CZ20HSAVESAI116B	MAR	AVESA	UNTREATED CHECK		8,06	6,70	6,70	47,76	44,90	92,00		
CZ20HSAVESAI116B	MAR	AVESA	AG-CDF1-480 EC	2,0	7,78	6,50	6,50	47,32	47,34	93,00		
CZ20HSAVESAI116B	MAR	AVESA	AG-CDF1-480 EC	4,0	7,66	6,30	6,30	45,66	43,70	96,50		
CZ20HSAVESAI116B	MAR	AVESA	ADM.3304.H.1.A	2,0	7,93	6,60	6,60	47,93	44,58	93,50		
CZ20HSAVESAI116B	MAR	AVESA	ADM.3304.H.1.A	4,0	8,02	6,60	6,60	46,30	45,48	97,00		
CZ20HSAVESAI116B	MAR	AVESA	ARIANE C	1,5	7,82	6,50	6,50	46,54	44,42	94,50		
CZ20HSAVESAI116B	MAR	AVESA	ARIANE C	3,0	8,00	6,60	6,60	46,37	45,52	95,00		
CZ20HSAVESAI116B	MAR	AVESA	KINVARA	3,0	7,90	6,60	6,60	46,56	44,82	94,00		
CZ20HSAVESAI116B	MAR	AVESA	KINVARA	6,0	8,02	6,70	6,70	46,00	46,43	94,50		
CZ20HSAVESAI117C	MAR	AVESA	UNTREATED CHECK		7,93	6,60	12,40	47,09	45,97	93,50		
CZ20HSAVESAI117C	MAR	AVESA	AG-CDF1-480 EC	2,0	8,13	6,60	14,00	47,30	45,17	94,00		
CZ20HSAVESAI117C	MAR	AVESA	AG-CDF1-480 EC	4,0	7,96	6,60	12,63	47,23	45,89	94,50		
CZ20HSAVESAI117C	MAR	AVESA	ADM.3304.H.1.A	2,0	7,97	6,60	12,50	47,49	45,91	95,00		

trial code	EPPO ZONE	CROP	Treatment	dose rate	YIELD kg/plot	YIELD t/ha	MOICON	HLW kg	TKW	GERMIN	PROCON	SEDZEL
CZ20HSAVESAS117C	MAR	AVESA	ADM.3304.H.1.A	4,0	8,00	6,60	12,43	46,90	45,98	93,50		
CZ20HSAVESAS117C	MAR	AVESA	ARIANE C	1,5	7,64	6,30	12,50	47,00	45,68	96,50		
CZ20HSAVESAS117C	MAR	AVESA	ARIANE C	3,0	7,97	6,60	12,28	47,47	46,00	91,50		
CZ20HSAVESAS117C	MAR	AVESA	KINVARA	3,0	8,06	6,70	12,35	47,65	46,05	97,00		
CZ20HSAVESAS117C	MAR	AVESA	KINVARA	6,0	7,98	6,60	12,43	48,25	46,05	93,50		
CZ20HSHORVS117B	MAR	HORVS	UNTREATED CHECK		4,84	3,90	14,10	65,98	47,09	95,00		
CZ20HSHORVS117B	MAR	HORVS	AG-CDF1-480 EC	2,0	4,18	3,40	13,50	64,94	47,31	96,00		
CZ20HSHORVS117B	MAR	HORVS	AG-CDF1-480 EC	4,0	4,93	4,00	14,13	66,01	45,47	95,50		
CZ20HSHORVS117B	MAR	HORVS	ADM.3304.H.1.A	2,0	5,45	4,50	13,55	66,45	48,90	97,00		
CZ20HSHORVS117B	MAR	HORVS	ADM.3304.H.1.A	4,0	4,95	4,00	14,33	65,38	46,83	96,00		
CZ20HSHORVS117B	MAR	HORVS	ARIANE C	1,5	5,06	4,20	13,28	67,98	47,24	96,50		
CZ20HSHORVS117B	MAR	HORVS	ARIANE C	3,0	4,75	3,90	14,08	65,62	47,37	96,00		
CZ20HSHORVS117B	MAR	HORVS	KINVARA	3,0	4,82	4,00	13,23	64,80	47,22	96,50		
CZ20HSHORVS117B	MAR	HORVS	KINVARA	6,0	4,89	4,00	14,10	66,20	47,20	96,50		
DE20HSTRZAS116B	MAR	TRZAS	UNTREATED CHECK		6,98	5,16	14,20	79,90	44,10		13,50	46,90
DE20HSTRZAS116B	MAR	TRZAS	AG-CDF1-480 EC	2,0	6,58	4,86	14,20	79,70	44,50		13,90	48,70
DE20HSTRZAS116B	MAR	TRZAS	AG-CDF1-480 EC	4,0	6,23	4,59	14,40	79,80	45,20		14,00	49,80
DE20HSTRZAS116B	MAR	TRZAS	ADM.3304.H.1.A	2,0	6,73	4,97	14,30	79,90	45,20		14,00	48,50
DE20HSTRZAS116B	MAR	TRZAS	ADM.3304.H.1.A	4,0	6,22	4,60	14,30	79,80	44,80		13,80	48,40
DE20HSTRZAS116B	MAR	TRZAS	ARIANE C	1,5	6,91	5,10	14,30	80,10	44,90		14,00	48,60
DE20HSTRZAS116B	MAR	TRZAS	ARIANE C	3,0	6,85	5,06	14,30	80,10	44,50		13,60	49,10
DE20HSTRZAS116C	MAR	TRZAS	UNTREATED CHECK		9,20	6,23	12,63	78,70	37,30	98,50		
DE20HSTRZAS116C	MAR	TRZAS	AG-CDF1-480 EC	2,0	9,22	6,25	12,55	76,70	37,00	98,50		
DE20HSTRZAS116C	MAR	TRZAS	AG-CDF1-480 EC	4,0	8,86	6,00	12,60	75,90	37,00	98,50		
DE20HSTRZAS116C	MAR	TRZAS	ADM.3304.H.1.A	2,0	9,23	6,25	12,60	76,60	37,10	98,50		
DE20HSTRZAS116C	MAR	TRZAS	ADM.3304.H.1.A	4,0	8,90	6,04	12,50	75,20	36,50	95,50		
DE20HSTRZAS116C	MAR	TRZAS	ARIANE C	1,5	9,36	6,35	12,53	78,70	38,10	87,50		
DE20HSTRZAS116C	MAR	TRZAS	ARIANE C	3,0	9,22	6,26	12,38	79,30	37,80	99,50		

trial code	EPPO ZONE	CROP	Treatment	dose rate	YIELD kg/plot	YIELD t/ha	MOICON	HLW kg	TKW	GERMIN	PROCON	SEDZEL
DE20HSSECCS117C	MAR	SECCS	UNTREATED CHECK		4,59	3,40	14,00	74,20	34,90			
DE20HSSECCS117C	MAR	SECCS	AG-CDF1-480 EC	2,00	4,76	3,53	13,90	74,10	34,70			
DE20HSSECCS117C	MAR	SECCS	AG-CDF1-480 EC	4,00	4,66	3,46	13,70	74,50	35,10			
DE20HSSECCS117C	MAR	SECCS	ADM.3304.H.1.A	2,00	4,58	3,39	14,10	74,10	35,40			
DE20HSSECCS117C	MAR	SECCS	ADM.3304.H.1.A	4,00	4,53	3,36	13,90	74,20	35,10			
DE20HSSECCS117C	MAR	SECCS	ARIANE C	1,50	4,62	3,44	13,70	74,00	34,90			
DE20HSSECCS117C	MAR	SECCS	ARIANE C	3,00	4,60	3,42	13,70	74,30	34,80			
DE20HSSECCS117C	MAR	SECCS	U 46 M-FLUID	1,40	4,49	3,33	13,80	74,60	34,90			
DE20HSSECCS117C	MAR	SECCS	U 46 M-FLUID	2,80	4,56	3,38	14,00	74,00	35,30			
DE20HSTRZAW117A	MAR	TRZAW	UNCK	0,00	11,89	8,4	13,4	78,6	43,7		12,8	42,3
DE20HSTRZAW117A	MAR	TRZAW	AG-CDF1-480 EC	2	11,92	8,42	13,5	78,5	44		13,1	42,2
DE20HSTRZAW117A	MAR	TRZAW	AG-CDF1-480 EC	4	11,66	8,23	13,5	78,7	43,6		13,1	42,3
DE20HSTRZAW117A	MAR	TRZAW	ADM.3304.H.1.A	2	11,82	8,35	13,5	78,7	44,2		13,1	43,4
DE20HSTRZAW117A	MAR	TRZAW	ADM.3304.H.1.A	4	11,59	8,18	13,5	79	43,9		13,3	43,2
DE20HSTRZAW117A	MAR	TRZAW	ARIANE C	1,5	11,84	8,35	13,5	79	43,6		13	42,6
DE20HSTRZAW117A	MAR	TRZAW	ARIANE C	3	11,66	8,22	13,6	78,7	43,7		13,1	43,4
CZ20HSSECCW117A	MAR	SECCW	UNCK	0,00	6,325	5,5	12,03	71,8	31,538	96,5		
CZ20HSSECCW117A	MAR	SECCW	AG-CDF1-480 EC	2,00	6,198	5,4	11,83	71,56	30,998	95		
CZ20HSSECCW117A	MAR	SECCW	AG-CDF1-480 EC	4,00	6,298	5,4	11,93	71,66	31,388	96		
CZ20HSSECCW117A	MAR	SECCW	ADM.3304.H.1.A	2,00	6,298	5,4	11,9	71,78	31,593	95		
CZ20HSSECCW117A	MAR	SECCW	ADM.3304.H.1.A	4,00	6,355	5,5	11,75	71,68	31,908	93,5		
CZ20HSSECCW117A	MAR	SECCW	ARIANE C	1,50	6,333	5,5	11,93	71,7043	31,598	97,5		
CZ20HSSECCW117A	MAR	SECCW	ARIANE C	3,00	6,223	5,4	11,75	71,846	31,773	94		
CZ20HSSECCW117A	MAR	SECCW	KINVARA	3,00	6,288	5,4	11,8	71,7635	32,21	95		
CZ20HSSECCW117A	MAR	SECCW	KINVARA	6,00	6,27	5,4	11,78	71,6675	31,62	96		
CZ20HSHORVW116A	MAR	HORVW	UNCK	0,00	8,233	7,1	11,93	73,0588	1025,373	95		
CZ20HSHORVW116A	MAR	HORVW	AG-CDF1-480 EC	2,00	8,22	7,1	11,68	73,05	40,44	96		
CZ20HSHORVW116A	MAR	HORVW	AG-CDF1-480 EC	4,00	8,103	7	11,68	73,049	40,508	95,5		

trial code	EPPO ZONE	CROP	Treatment	dose rate	YIELD kg/plot	YIELD t/ha	MOICON	HLW kg	TKW	GERMIN	PROCON	SEDZEL
CZ20HSHORVW116A	MAR	HORVW	ADM.3304.H.1.A	2,00	8,055	7	11,5	72,958	40,855	97		
CZ20HSHORVW116A	MAR	HORVW	ADM.3304.H.1.A	4,00	8,015	7	11,43	73,0068	40,53	94		
CZ20HSHORVW116A	MAR	HORVW	ARIANE C	1,50	7,995	6,9	11,58	73,0175	40,893	95,5		
CZ20HSHORVW116A	MAR	HORVW	ARIANE C	3,00	8,003	6,9	11,55	72,9638	40,518	96		
CZ20HSHORVW116A	MAR	HORVW	KINVARA	3,00	8,028	7	11,53	73,1083	40,788	96,5		
CZ20HSHORVW116A	MAR	HORVW	KINVARA	6,00	8,018	7	11,48	73,1025	40,815	96,5		
DE20HSHORVW116A	MAR	HORVW	UNCK	0,00	6,77	3,7	29,4	62,99	49,5	84		
DE20HSHORVW116A	MAR	HORVW	AG-CDF1-480 EC	2,00	6,7	3,6	30,6	61,65	48,9	91		
DE20HSHORVW116A	MAR	HORVW	AG-CDF1-480 EC	4,00	6,25	3,41	29,7	61,71	48,7	87		
DE20HSHORVW116A	MAR	HORVW	ADM.3304.H.1.A	2,00	5,82	3,15	30,1	61,8	49,1	94		
DE20HSHORVW116A	MAR	HORVW	ADM.3304.H.1.A	4,00	5,47	2,99	29,5	61,44	48,6	94		
DE20HSHORVW116A	MAR	HORVW	ARIANE C	1,50	6,83	3,72	30	63,91	47,6	82		
DE20HSHORVW116A	MAR	HORVW	ARIANE C	3,00	6,62	3,59	30	65,1	47,4	91		
DE20HSHORVW117B	MAR	HORVW	UNCK	0,00	8,898	6,7	12,33	60,1	35,5	55		
DE20HSHORVW117B	MAR	HORVW	AG-CDF1-480 EC	2	7,625	5,8	12,23	58,8	34	63,5		
DE20HSHORVW117B	MAR	HORVW	AG-CDF1-480 EC	4	6,633	5	12,43	58,6	35,6	69,5		
DE20HSHORVW117B	MAR	HORVW	ADM.3304.H.1.A	2	7,665	5,8	12,25	59,5	38,3	72		
DE20HSHORVW117B	MAR	HORVW	ADM.3304.H.1.A	4	8,11	6,1	12,45	61,1	35,8	56,8		
DE20HSHORVW117B	MAR	HORVW	ARIANE C	1,5	8,88	6,7	12,43	60,6	34,5	63,3		
DE20HSHORVW117B	MAR	HORVW	ARIANE C	3	9,56	7,2	12,25	60,6	36,6	61,8		



### Phytotoxicity data (Efficacy trials)

**zRMS comments:** Table content as delivered by the author of the dossier, but re-formatted and re-pasted by zRMS in order to make it fit properly in the text pages.  
For convenience, the same content is made available in xls spreadsheet embedded below, preceding the table.  
Please note: while tables that long do not work in text documents well, searching for particular values or thresholds is easier in spreadsheet, using filtering tools.



Phytox data from Effi  
trls Part B Sect 3.xlsx

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	UNCK	0	14		31	0			0	0			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	14		31	1,5			1	0,5			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	14		31	2			1	1			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	14		31	2,5			1,5	1			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	14		31	2			1	1			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	14		31	2			1	1			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	14		31	2,5			1,5	1			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	14		31	-			-	-			-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	14		31	-			-	-			-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ARIANE C	1,5	14		31	1			0,5	0,5			100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	UNCK	0	27	12	53	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	27	12	53	-							-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	27	12	53	-							-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	27	12	53	-							-

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	27	12	53	-							-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	27	12	53	-							-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	27	12	53	-							-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	27	12	53	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	27	12	53	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ARIANE C	1,5	27	12	53	-							-
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	UNCK	0	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	43	28	65	0							100
AT19HENNN GS114A	AT	MAR	HOR VS	EFFI	A	ARIANE C	1,5	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	UNCK	0	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	13		31	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ARIANE C	1,5	13		31	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	UNCK	0	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ARIANE C	1,5	27	12	49	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	UNCK	0	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	43	28	65	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	43	28	65	0							100
AT19HENNN GS114B	AT	MAR	HOR VS	EFFI	A	ARIANE C	1,5	43	28	65	0							100
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	UNCK	0	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	5		29								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	5		29								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1,5	5		29	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1	5		29	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	UNCK	0	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	14		39								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	14		39								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1,5	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1	14		39	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	UNCK	0	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	22	7	51	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1,5	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1	22	7	51	0							
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	UNCK	0	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1,5	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1	29	14	65								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	UNCK	0	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	43	28	55-89								

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1,5	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1	43	28	55-89								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	UNCK	0	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1,5	60	45	73								
BE19HEHOR VS023A	BE	MAR	HOR VS	EFFI	A	TRE-VISTAR	1	60	45	73								
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	UNCK	0	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	14	3	32	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	14	3	32	0							
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	UNCK	0	28	17	51	0					0		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	28	17	51	0					0		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	28	17	51	2,5					2,5		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	28	17	51	3,5					3,5		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	28	17	51	1,3					1,3		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	28	17	51	3,3					3,3		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	28	17	51	3,5					3,5		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	28	17	51	7					7		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	28	17	51	10					10		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	28	17	51	0					0		



Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	28	17	51	0					0		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	UNCK	0	35	24	61	0					0		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	35	24	61	0					0		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	35	24	61	1,3					1,3		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	35	24	61	1,8					1,8		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	35	24	61	0					0		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	35	24	61	1					1		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	35	24	61	2,3					2,3		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	35	24	61	3,5					3,5		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	35	24	61	5					5		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	35	24	61	0					0		
CZ19HEHOR VS114B	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	35	24	61	0					0		
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	UNCK	0	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	14	4	39	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	14	4	39	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	14	4	39	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	14	4	39	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	UNCK	0	24	14	52	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	24	14	52	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	24	14	52	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	24	14	52	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	UNCK	0	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	28	18	57	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	28	18	57	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	28	18	57	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	28	18	57	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	UNCK	0	38	28	65	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	38	28	65	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	38	28	65	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	38	28	65	-							-
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	UNCK	0	48	38	73	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	48	38	73	0							100
CZ19HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	MUSTANG FORTE	0,8	48	38	73	0							100
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	UNCK	0	14		39	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	14		39	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	14		39	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	14		39	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	14		39	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	14		39	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	KINVARA	3	14		39	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	UNCK	0	28		51	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	28		51	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	28		51	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	28		51	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	28		51	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	ARIANE C	1,5	28		51	0							
CZ20HEHOR VS114C	CZ	MAR	HOR VS	EFFI	A	KINVARA	3	28		51	0							
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	UNCK	0	15		34-35		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	15		34-35		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	15		34-35		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	15		34-35		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	15		34-35		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	15		34-35		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	15		34-35		12,5						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	15		34-35		-						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	15		34-35		-						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	15		34-35		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	UNCK	0	30	15	59		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	30	15	59		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	30	15	59		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	30	15	59		0						100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	30	15	59		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	30	15	59		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	30	15	59		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	30	15	59		10						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	30	15	59		15						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	30	15	59	0	0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	UNCK	0	56	41	83-85		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	56	41	83-85		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	56	41	83-85		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	56	41	83-85		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	56	41	83-85		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	56	41	83-85		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	56	41	83-85		0						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	56	41	83-85		5						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	56	41	83-85		8,8						100
DE19HENNN GS114D	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	56	41	83-85		0						100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	UNCK	0	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	13		39	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	13		39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	UNCK	0	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	24	11	39	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	UNCK	0	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	42	29	55	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	42	29	55	0							100
DE19HENNN GS114F	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	42	29	55	0							100
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	12		51	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	12		51	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	12		51	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	12		51	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	12		51	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	12		51	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	TOMIGAN 200	0,9	12		51	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	26		73	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	26		73	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	26		73	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	26		73	0							



Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	26		73	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	26		73	0							
DE20HEHOR VS114B	DE	MAR	HOR VS	EFFI	A	TOMIGAN 200	0,9	26		73	0							
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	UNCK	0	7		25-28	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	7		25-28	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	7		25-28	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	7		25-28	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	7		25-28	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	7		25-28	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	TOMIGAN 200	0,9	7		25-28	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	UNCK	0	14		32	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	14		32	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	14		32	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	14		32	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	14		32	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	14		32	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	TOMIGAN 200	0,9	14		32	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	UNCK	0	24		39	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	24		39	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	24		39	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	24		39	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	24		39	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	24		39	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	TOMIGAN 200	0,9	24		39	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	UNCK	0	43		65	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	43		65	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	43		65	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	43		65	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	43		65	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	43		65	0							100
DE20HEHOR VS114C	DE	MAR	HOR VS	EFFI	A	TOMIGAN 200	0,9	43		65	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	UNCK	0	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	9		30	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1,5	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1	9		30	0							100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	UNCK	0	17		37	0							90
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	17		37	0							90
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	17		37	0							80
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	17		37	0							77,5
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	17		37	0							85
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	17		37	0							75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	17		37	0							75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	17		37	0							90
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	17		37	0							90
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1,5	17		37	0							87,5
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1	17		37	0							87,5
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	UNCK	0	28	11	42						0		86,25
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	28	11	42						5,5		81,25
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	28	11	42						4,5		85
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	28	11	42						2,75		86,25

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	28	11	42						1,25		93,75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	28	11	42						2,5		88,75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	28	11	42						6,25		82,5
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	28	11	42						2		91,25
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	28	11	42						3,5		87,5
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1,5	28	11	42						3,5		87,5
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1	28	11	42						2,25		88,75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	UNCK	0	50	33	72						0		100
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	50	33	72						0,75		96,25
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	50	33	72						1,25		93,75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	50	33	72						1,25		93,75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	50	33	72						1,25		93,75
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	50	33	72						1		95
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	50	33	72						2,5		87,5
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	50	33	72						13,75		66,25
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	50	33	72						18,25		56,25
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1,5	50	33	72						1		95
NL19HEHOR VS022B	NL	MAR	HOR VS	EFFI	A	TAPIR	1	50	33	72						0,75		96,25
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	UNCK	0	13		31	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	13		31	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	13		31	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	13		31	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	13		31	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	13		31	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	13		31	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	13		31	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	13		31								
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	13		31								
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	13		31								
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	UNCK	0	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	25		37	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	25		37								

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	25		37								
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	25		37								
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	UNCK	0	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	40	15	51	0							100
UK19HEYCE RS418A	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	40	15	51	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	UNCK	0	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	14		30	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	14		30	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	UNCK	0	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	28	6	35	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	UNCK	0	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	42	20	39	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	42	20	39	0							100
UK19HEYCE RS418C	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	42	20	39	0							100
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	UNCK	0	10		32	0							100
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	10		32	5							81,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	10		32	10,8							76,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	10		32	17,5							70
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	10		32	6,3							77,5
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	10		32	13,3							72,5
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	10		32	22,5							70
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	10		32	5,3							86,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	10		32	0							100
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	10		32	0							100
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	10		32	0							100



Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	UNCK	0	26	10	49-51	0							100
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	26	10	49-51	0							93,8
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	26	10	49-51	0							87,5
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	26	10	49-51	0							81,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	26	10	49-51	0							90,8
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	26	10	49-51	0							83,8
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	26	10	49-51	0							78,8
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	26	10	49-51	0							91,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	26	10	49-51	0							91,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	26	10	49-51	0							90
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	26	10	49-51	0							97,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	UNCK	0	40	24	57	0							100
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	40	24	57	0							98,8
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	40	24	57	0							98,8
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	40	24	57	0							91,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	40	24	57	0							98,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	40	24	57	0							96,5
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	40	24	57	0							90
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	A	DAKOTA	1,5	40	24	57	0							97,8

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	40	24	57	0							92,5
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	40	24	57	0							91,3
UK19HEYCE RS418D	UK	MAR	HOR VS	EFFI	B	DAKOTA	1,5	40	24	57	0							98,8
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	UNCK	0				0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	6		30								
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	6		30								
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1,5	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1	6		30	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	UNCK	0	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	15		39	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	15		39								
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	15		39								
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1,5	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1	15		39	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	UNCK	0	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1,5	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1	23	7	45	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	UNCK	0	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	30	14	51	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	2	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1,5	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	2	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	B	AG-CDF1-480 EC	2	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	B	ADM.3304.H.1.A	2	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	TRE-VISTAR	1,5	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	TRE-VISTAR	1	30	14	51	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	UNCK	0	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	2	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1,5	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	2	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	B	AG-CDF1-480 EC	2	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	B	ADM.3304.H.1.A	2	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZAS	EFFI	A	TRE-VISTAR	1,5	44	28	55	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1	44	28	55	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	UNCK	0	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1,5	61	45	69	0							
BE19HETRZ AS023B	BE	MAR	TRZA S	EFFI	A	TRE-VISTAR	1	61	45	69	0							
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	UNCK	0				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	7		27-29	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	7		27-29	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	7		27-29	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	7		27-29	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	7		27-29	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	7		27-29	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	7		27-29	-							-
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	7		27-29	-							-
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	7		27-29	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	UNCK	0	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	15		33	-							-
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	15		33	-							-
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	15		33	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	UNCK	0	24		37	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	24		37	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	24		37	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	24		37	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	24		37	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	24		37	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	24		37	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	24		37	-							-
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	24		37	-							-
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	24		37	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	UNCK	0				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5				0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	UNCK	0	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	39	15	59	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	39	15	59	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	UNCK	0	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	53	29	71	0							100
DE19HENNN GS114A	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	53	29	71	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	UNCK	0	14		37-41	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	14		37-41	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	14		37-41	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	14		37-41	0							100



Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	14		37-41	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	14		37-41	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	14		37-41	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	14		37-41	-							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	14		37-41	-							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	14		37-41	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	UNCK	0	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	30		51-59	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	UNCK	0	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	44		75-81	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	44		75-81	0							100
DE19HENNN GS114E	DE	MAR	TRZA S	EFFI	A	ARIANE C	1,5	44		75-81	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	UNCK	0	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	1,5	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	10		32	-							-
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	10		32	-							-
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	TAPIR	1,5	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	TAPIR	1	10		32	0							100
NL19HETRZ AS024B	NL	MAR	TRZA S	EFFI	A	UNCK	0	18	8	39	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	2	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1,5	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	2	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	B	AG-CDF1-480 EC	2	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	B	ADM.3304.H.1.A	2	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	TAPIR	1,5	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	TAPIR	1	18	8	39	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	UNCK	0	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	2	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1,5	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	2	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	B	AG-CDF1-480 EC	2	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	B	ADM.3304.H.1.A	2	27	17	46	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	TAPIR	1,5	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	TAPIR	1	27	17	46	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	UNCK	0	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	2	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1,5	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	2	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	B	AG-CDF1-480 EC	2	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	B	ADM.3304.H.1.A	2	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	TAPIR	1,5	41	31	69	0							100
NL19HETRZ AS024B	NL	MAR	TRZAS	EFFI	A	TAPIR	1	41	31	69	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	UNCK	0	11		30	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1	11		30	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	11		30	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	2	11		30	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1	11		30	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1,5	11		30	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	2	11		30	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	DAKOTA	1,5	11		30	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	B	AG-CDF1-480 EC	2	11		30	-							-
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	B	ADM.3304.H.1.A	2	11		30	-							-
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	B	DAKOTA	1,5	11		30	-							-
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	UNCK	0	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	2	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	1,5	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	ADM.3304.H.1.A	2	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	DAKOTA	1,5	25		32	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	B	AG-CDF1-480 EC	2	25		32	-							-
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	B	ADM.3304.H.1.A	2	25		32	-							-
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	B	DAKOTA	1,5	25		32	-							-
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	UNCK	0	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZAS	EFFI	A	AG-CDF1-480 EC	1,5	61	24	61	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	A	AG-CDF1-480 EC	2	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	1,5	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	A	ADM.3304.H.1.A	2	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	A	DAKOTA	1,5	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	B	AG-CDF1-480 EC	2	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	B	ADM.3304.H.1.A	2	61	24	61	0							100
UK19HEYCE RS418B	UK	MAR	TRZA S	EFFI	B	DAKOTA	1,5	61	24	61	0							100
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	UNCK	0	14		39	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1,5	14		39	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	2	14		39	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1,5	14		39	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	2	14		39	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	ARIANE C	1,5	14		39	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	KINVARA	3	14		39	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	UNCK	0	28		71	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1,5	28		71	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	2	28		71	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1,5	28		71	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	2	28		71	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	ARIANE C	1,5	28		71	0							
CZ20HEAVE SA114D	CZ	MAR	AVES A	EFFI	A	KINVARA	3	28		71	0							
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	UNCK	0	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1,5	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	2	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1,5	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	2	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	AG-CDF1-480 EC	2	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	ADM.3304.H.1.A	2	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ARIANE C	1,5	10		26	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	UNCK	0	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1,5	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	2	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1,5	21		31	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	2	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	AG-CDF1-480 EC	2	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	ADM.3304.H.1.A	2	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ARIANE C	1,5	21		31	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	UNCK	0	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1,5	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	2	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1,5	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	2	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	AG-CDF1-480 EC	2	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	ADM.3304.H.1.A	2	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ARIANE C	1,5	35	14	37	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	UNCK	0	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1,5	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	2	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1	51	30	55	0							100



Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1,5	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	2	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	AG-CDF1-480 EC	2	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	ADM.3304.H.1.A	2	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ARIANE C	1,5	51	30	55	0							100
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	UNCK	0	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	1,5	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	AG-CDF1-480 EC	2	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	1,5	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ADM.3304.H.1.A	2	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	AG-CDF1-480 EC	2	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	B	ADM.3304.H.1.A	2	63	42	75								
DE19HENNN GS114C	DE	MAR	AVES A	EFFI	A	ARIANE C	1,5	63	42	75								
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	UNCK	0	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1,5	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	12		31	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1,5	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	B	AG-CDF1-480 EC	2	12		31								
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	B	ADM.3304.H.1.A	2	12		31								
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ARIANE C	1,5	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	MUSTANG FORTE	1	12		31	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	UNCK	0	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1,5	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1,5	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	B	AG-CDF1-480 EC	2	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	B	ADM.3304.H.1.A	2	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ARIANE C	1,5	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	MUSTANG FORTE	1	28	15	32	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	UNCK	0			65	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1,5	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1,5	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	B	AG-CDF1-480 EC	2	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	B	ADM.3304.H.1.A	2	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	ARIANE C	1,5	69	56	65	0							
CZ19HETRZ AW114A	CZ	MAR	TRZA W	EFFI	A	MUSTANG FORTE	1	69	56	65	0							
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	UNCK	0											
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1,5	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1,5	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	DAKOTA	1,5	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	13		24-30	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	DAKOTA	1,5	13		24-30	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	UNCK	0	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1,5	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1,5	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	DAKOTA	1,5	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	DAKOTA	1,5	38	13	31-32	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	UNCK	0	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	1,5	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	1,5	74	49	59	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	DAKOTA	1,5	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	AG-CDF1-480 EC	2	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	ADM.3304.H.1.A	2	74	49	59	0							100
UK19HEYCE RW417A	UK	MAR	TRZA W	EFFI	A	DAKOTA	1,5	74	49	59	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	UNCK	0	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1,5	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	2	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1,5	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	2	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ARIANE C	1,5	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	KINVARA	3	14		29	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	UNCK	0	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1,5	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	2	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1	28		31	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1,5	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	2	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ARIANE C	1,5	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	KINVARA	3	28		31	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	UNCK	0	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1,5	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	2	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1,5	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	2	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ARIANE C	1,5	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	KINVARA	3	55		39	0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	UNCK	0	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1,5	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	2	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1,5	58			0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	2	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ARIANE C	1,5	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	KINVARA	3	58			0							100
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	UNCK	0	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	1,5	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	AG-CDF1-480 EC	2	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	1,5	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ADM.3304.H.1.A	2	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	ARIANE C	1,5	109		92								
CZ20HEHOR VW113A	CZ	MAR	HOR VW	EFFI	A	KINVARA	3	109		92								
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	UNCK	0	14		37								100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	AG-CDF1-480 EC	1,5	14		37	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	AG-CDF1-480 EC	2	14		37	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ADM.3304.H.1.A	1,5	14		37	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ADM.3304.H.1.A	2	14		37	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ARIANE C	1,5	14		37	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	KINVARA	3	14		37	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	UNCK	0	28		55								100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	AG-CDF1-480 EC	1,5	28		55	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	AG-CDF1-480 EC	2	28		55	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ADM.3304.H.1.A	1,5	28		55	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ADM.3304.H.1.A	2	28		55	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ARIANE C	1,5	28		55	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	KINVARA	3	28		55	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	UNCK	0	46		65								100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	AG-CDF1-480 EC	1,5	46		65	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	AG-CDF1-480 EC	2	46		65	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ADM.3304.H.1.A	1,5	46		65	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ADM.3304.H.1.A	2	46		65	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	ARIANE C	1,5	46		65	0							100
CZ20HESECC W114A	CZ	MAR	SECC W	EFFI	A	KINVARA	3	46		65	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	UNCK	0	14		33	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	14		33	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	14		33	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	14		33	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	14		33	0							100



Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ARIANE C	1,5	14		33	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	KINVARA	3	14		33	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	UNCK	0	28		35	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	28		35	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	28		35	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	28		35	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	28		35	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ARIANE C	1,5	28		35	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	KINVARA	3	28		35	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	UNCK	0	39		39	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	39		39	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	39		39	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	39		39	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	39		39	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ARIANE C	1,5	39		39	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	KINVARA	3	39		39	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	UNCK	0	91		83	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	91		83	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	91		83	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	91		83	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	91		83	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	ARIANE C	1,5	91		83	0							100
CZ20HETTL WI114B	CZ	MAR	TTL WI	EFFI	A	KINVARA	3	91		83	0							100
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	UNCK	0											
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	8		27-30	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	8		27-30	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	8		27-30	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	8		27-30	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	8		27-30	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	8		27-30	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	8		27-30	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	UNCK	0	14		30-31	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	14		30-31	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	14		30-31	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	14		30-31	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	14		30-31	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	14		30-31	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	14		30-31	0							

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	14		30-31	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	UNCK	0	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	38		41-51	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	UNCK	0	63		61-65	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	63		61-65	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	63		61-65	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	63		61-65	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	63		61-65	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	63		61-65	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	63		61-65	0							
DE20HETTL WI113A	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	63		61-65	0							
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	UNCK	0	7		30-31	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	7		30-31	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	7		30-31	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	7		30-31	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	7		30-31	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	7		30-31	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	7		30-31	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	7		30-31	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	UNCK	0	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	14		31-32	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	UNCK	0	31		37-39	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	31		37-39	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	31		37-39	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	31		37-39	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	31		37-39	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	31		37-39	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	31		37-39	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	31		37-39	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	UNCK	0	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	46		51-55	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	UNCK	0	63		63-67	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1	63		63-67	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	1,5	63		63-67	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	AG-CDF1-480 EC	2	63		63-67	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1	63		63-67	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	1,5	63		63-67	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ADM.3304.H.1.A	2	63		63-67	0							100
DE20HETTL WI113B	DE	MAR	TTL WI	EFFI	A	ARIANE C	1,5	63		63-67	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	UNCK	0	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	0		29-30								100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	UNCK	0	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	14		37-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	UNCK	0	63		65-75	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	63		65-75	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	63		65-75	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	63		65-75	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	63		65-75	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	63		65-75	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	63		65-75	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	63		65-75	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	UNCK	0	89		29-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	89		29-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	89		29-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	89		29-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	89		29-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	89		29-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	89		29-59	0							100
DE20HENNN FW115A	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	89		29-59	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	UNCK	0	0		33-39								100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	0		33-39								100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	0		33-39								100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	0		33-39								100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	0		33-39								100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	0		33-39								100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	0		33-39								100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	0		33-39								100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	UNCK	0	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	14		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	UNCK	0	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	28		49-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	UNCK	0	49		69-79	0							100



Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1	49		69-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	49		69-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	49		69-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1	49		69-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	49		69-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	49		69-79	0							100
DE20HENNN FW115B	DE	MAR	NNN FW	EFFI	A	SIMPLEX	2	49		69-79	0							100
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	UNCK	0	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	1	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	1,5	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	2	12		31-35	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	UNCK	0	20		32-34	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	20		32-34	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	20		32-34	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	20		32-34	0							7

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	20		32-34	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	1	20		32-34	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	1,5	20		32-34	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	2	20		32-34	0							7
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	UNCK	0	54		51-55	0							8
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	54		51-55	0							8
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	54		51-55	0							8
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	54		51-55	0							8
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	54		51-55	0							8
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	1	54		51-55	0							8
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	1,5	54		51-55	0							8
NL19HENNN FW021A	NL	MAR	NNN FW	EFFI	A	TAPIR	2	54		51-55	0							8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	UNCK	0	10		35-37			0					8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	10		35-37			2					8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	10		35-37			3,8					8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	10		35-37			2,8					8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	10		35-37			2,5					8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	1	10		35-37			1,3					8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	1,5	10		35-37			3,3					8

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	2	10		35-37			5					8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	UNCK	0	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	1	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	1,5	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	2	18		39-42								8
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	UNCK	0	114		28-26							8	
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	1,5	114		28-26							8	
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	AG-CDF1-480 EC	2	114		28-26							8	
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	1,5	114		28-26							8	
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	ADM.3304.H.1.A	2	114		28-26							8	
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	1	114		28-26							8	
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	1,5	114		28-26							8	
NL19HENNN FW021B	NL	MAR	NNN FW	EFFI	A	TAPIR	2	114		28-26							8	
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	7		25-28	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	7		25-28	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	7		25-28	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	7		25-28	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	7		25-28	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	7		25-28	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	7		25-28	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	7		25-28								100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	7		25-28								100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	7		25-28	0							
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	15		33-35	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	15		33-35	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	15		33-35	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	15		33-35	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	15		33-35	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	15		33-35	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	15		33-35	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	15		33-35								100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	15		33-35								100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	15		33-35	0							
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	24		37-39	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	24		37-39	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	24		37-39	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	24		37-39	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	24		37-39	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	24		37-39	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	24		37-39	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	24		37-39								100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	24		37-39								100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	24		37-39	0							
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	31	7	51-53	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	31	7	51-53								

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG-OR
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	39	15	61-65	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	39	15	61-65								
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	UNCK	0	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	1,5	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	AG-CDF1-480 EC	2	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	1,5	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ADM.3304.H.1.A	2	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	B	AG-CDF1-480 EC	2	54	30	73-75	0							100
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	B	ADM.3304.H.1.A	2	54	30	73-75	0							100

Trial code	MS	EPPO zone:	CROP	typ	APPL	treatment	dose rate	DAA	DAB	BBC H (crop)	PHY GEN	PHYS TU	PHY VOR	PHY NEC	PHY CHL	PHY DEL	CROP ST	VIG- OR
DE19HENNN GS114B	DE	MAR	HOR VS	EFFI	A	ARIANE C	1,5	54	30	73-75	0							100