

**FINAL** REGISTRATION REPORT

**Part B**

**Section 3**

**Efficacy Data and Information**

Concise summary

Product code: CHR/H/FET 110 EC Part A and CHR/H/FETEC  
110 EC Part B

Product name(s): Fenoxinn Max 110 EC/Herbos Max 110 EC

Chemical active substance(s):

fenoxaprop-P-etylu 110 g/L

Central Zone

Zonal Rapporteur Member State: Poland

**CORE ASSESSMENT**

(authorization)

Applicant: Innvigo Sp. z o.o.

Submission date: February 2023

**MS Finalisation date: 29/07/2024**

## Version history

When	What
05/2023	Dossier sent for evaluation
07/2023	Applicant update
11/2023	zRMS evaluation of dRR
March 2024	Version prepared by zRMS after Commenting period
July 2024	Final version prepared by zRMS after Commenting period

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

#### Transformation of the dRR (applicant version) into the RR (zRMS version)

The process chosen by the zRMS to transform the dRR into a RR should be explained. Options are to rewrite the document (with track change or not) or to use commenting boxes such as the following:

Comments of zRMS:	Conclusions from the assessment were prepared using grey commenting boxes placed at the end of each chapter. The parts of the text amended or added by the zRMS evaluator are highlighted in grey and the parts struck off are <del>visibly marked with the grey font.</del>
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#### 3.1 Summary and conclusions of zRMS on Section 3: Efficacy (KCP 6)

##### Abstract

##### zRMS

The submitted efficacy data (reports from field trials) fulfil requirements and conditions determined in the EPPO guidelines, the Commission Regulation (EU) No 545/2011 of 10 June 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the data requirements for plant protection products. The reports and data were submitted to support the evaluation for the authorization of CHR/H/FETEC 110 EC Part B (the new formulation after changing ingredients in the former formulation CHR/H/FET 110 EC Part A) in PL.

CHR/H/FETEC 110 EC Part B contains 110 g/l fenoxaprop-P-etylu and is formulated an emulsifiable concentrate (EC). It is used as herbicide solo and in mixtures with other herbicides in winter wheat, winter barley, winter triticale, spring wheat, spring barley for the control of a wide range of weeds as post – emergence one application in spring season.

The applicant submitted 15 reports showing the results in research into efficacy of product solo and in mixture, carried out in PL, from 2020 to 2021. Trials were conducted in different cultivars of winter wheat, winter barley, spring wheat, spring barley against grass and broad-leaved weeds to support the registration of CHR/H/FETEC 110 EC Part B in PL.

##### Efficacy in winter wheat

- at the dose rate 0,7 l/ha CHR/H/FETEC 110 EC Part B applied **solo**, the target weed species were categorized as:

- susceptible (S): ALOMY

The effectiveness of the product against APESIV has depended on its growth stage. APESIV has been moderately susceptible (73,0%) at BBCH 23-39 (2-4 weeks after application) and susceptible (93,1%) 6-10 weeks after application (at BBCH 50-69). This information should be clearly incorporated in the label.

- in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B +25 g/ha **Tristar 50 SG**/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, the target weed species were categorized as:

- susceptible (S): STEME

- moderately susceptible (MS): ALOMY, PAPRH, APESV, CENCY, ANTAR, CAPBP

<p>- moderately tolerant (MT): VIOAR</p> <ul style="list-style-type: none"><li>• <u>in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B + 0,4 L/ha <b>Galaper 200 EC</b>/ Fluroherb 200 EC/ Herbistar 200 EC, the target weed species were categorized as:</u></li></ul> <p>- susceptible (S): STEME</p> <p>- moderately susceptible (MS): ALOMY, APESV,</p> <p>- moderately tolerant: CAPBP,</p> <p>- tolerant (T): PAPRH, VIOAR, CENCY, ANTAR,</p> <p style="text-align: center;"><b><u>Efficacy in spring barley</u></b></p> <ul style="list-style-type: none"><li>• <u>at the dose rate 0,7 l/ha CHR/H/FETEC 110 EC Part B applied <b>solo</b>, the target weed species were categorized as:</u></li></ul> <p>- susceptible (S): AVEFA, ECHCG</p> <ul style="list-style-type: none"><li>• <u>in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B +25 g/ha <b>Tristar 50 SG</b>/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, the target weed species were categorized as:</u></li></ul> <p>- susceptible (S): ECHCG, STEME</p> <p>- moderately susceptible (MS): AVEFA, CENCY, POLCO, CHEAL, GALAP, MATIN</p> <p>- moderately tolerant (MT): VIOAR</p> <ul style="list-style-type: none"><li>• <u>in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B + 0,4 L/ha <b>Galaper 200 EC</b>/ Fluroherb 200 EC/ Herbistar 200 EC, the target weed species were categorized as:</u></li></ul> <p>- susceptible (S): ECHCG, GALAP, STEME</p> <p>- moderately susceptible (MS): AVEFA, POLCO, MATIN</p> <p>- moderately tolerant (MT): CENCY</p> <p>- tolerant (T): VIOAR, CHEAL</p> <p>To sum up, it might be concluded that the application of CHR/H/FETEC 110 EC Part B solo at dose rate 0,7 l/ha (spray volume 200 - 300 l/ha), post-emergence provided benefit against tested monocotyledonous weeds in winter wheat and spring barley. In mixture with Tristar 50 SG and Galaper 200 EC, CHR/H/FETEC 110 EC Part B provided benefit against tested dicotyledonous and some monocotyledonous weeds in winter wheat and spring barley. CHR/H/FETEC 110 EC Part B solo and in mixtures performed comparable to CHR/H/FET 110 EC Part A solo and in mixtures.</p> <p>Data from winter wheat can be extrapolated on winter barley and winter triticale, while data from spring barley can be extrapolated on spring wheat.</p> <p>The applicant presented strategy of resistance management recommended by HRAC.</p> <p>CHR/H/FETEC 110 EC Part B solo and in mixtures was safe to the crops on which they were applied as they cause little, transient phytotoxicity symptoms observed in 3 selectivity trials. The product did not cause a negative impact on the yield of protected crops.</p> <p>CHR/H/FETEC 110 EC Part B solo and in mixtures is to be expected no negative effect on the quality of plants or plant products and transformation processes.</p> <p>No negative impact on succeeding and other plants including adjacent crops is expected.</p> <p>According to the above, the plant protection product CHR/H/FETEC 110 EC Part B solo and in mixtures with indicated herbicides in this dossier is recommended to be approved to use according to the table of intended uses for CHR/H/FETEC 110 EC Part B (Table 3.1- 1). The evaluation was carried out in accordance with the Uniform Principles.</p>
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**Table 3.1-1: Acceptability of intended uses (and respective fall-back GAPs, if applicable)**

PPP product name:		Fenoxinn Max 110 EC/Herbos Max 110 EC	Formulation type:		GAP rev. , date: 2021-01-13
product code:		CHR/H/FETEC-PART B 110 EC			EC <sup>(a, b)</sup>
Active substance 1:		Fenoxaprop-P-ethyl	Conc. of as 1:		110 g/l <sup>(c)</sup>
Active substance 2:		-	Conc. of as 2:		- <sup>(c)</sup>
Active substance 3:		-	Conc. of as 3:		- <sup>(c)</sup>
Safener:		Cloquintocet-mexyl	Conc. of safener:		55 g/l <sup>(c)</sup>
Synergist:		-	Conc. of synergist:		- <sup>(c)</sup>
Applicant:		Innvigo Sp. z o.o.	Professional use:		<input checked="" type="checkbox"/>
Zone(s):		Central <sup>(d)</sup>	Non professional use:		<input type="checkbox"/>
Verified by MS:		no			

Field of use: herbicide

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Use-No. <sup>(e)</sup>	Member state(s)	Crop and/or situation (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks: e.g. g safener/synergist per ha <sup>(f)</sup>	ZRMs Conclusion
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/season	Min. interval between applications (days)	kg or L product / ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min / max			



Zonal uses (field or outdoor uses, certain types of protected crops)														
1	PL	Winter wheat (TRZAW), Winter triticale (TTLWI) Winter barley (HORVW)	F	monocotyledonous weeds	Spray, medium sprayer	spring BBCH 20-31	a)1 b)1	n/a	a) 0.7 l/ha b) 0.7 l/ha	a) 0.077 kg a.s./ha  b) 0.077 kg a.s./ha	200- <del>400</del> 300	n/a		A
2	PL	Spring wheat (TRZAS), Spring barley (HORVS)	F	monocotyledonous weeds	Spray, medium sprayer	spring BBCH 20-31	a)1 b)1	n/a	a) 0.7 l/ha b) 0.7 l/ha	a) 0.077 kg a.s./ha b) 0.077 kg a.s./ha	200- <del>400</del> 300	n/a		A
3	PL	Winter wheat (TRZAW), Winter triticale (TTLWI) Winter barley (HORVW)	F	monocotyledonous and dicotyledonous weeds	Spray, medium sprayer	spring BBCH 20-31	a)1 b)1	n/a	a) 0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG b) 0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG	a) 0.055 kg a.s./ha + 0.0125 kg a.s./ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG b) 0.055 kg a.s./ha + 0.0125 kg a.s./ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG	200- <del>400</del> 300	n/a		A

4	PL	Spring wheat (TRZAS), Spring barley (HORVS)	F	monocotyledonous and dicotyledonous weeds	Spray, medium sprayer	spring BBCH 20-31	a)1 b)1	n/a	a) 0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG b) 0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG	a) 0.055 kg a.s./ha + 0.0125 kg a.s/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG b) 0.055 kg a.s./ha + 0.0125 kg a.s/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG	200- <del>400</del> 300	n/a		A
5	PL	Winter wheat (TRZAW), Winter triticale (TTLWI) Winter barley (HORVW)	F	monocotyledonous and dicotyledonous weeds	Spray, medium sprayer	spring BBCH 20-31	a)1 b)1	n/a	a) 0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC b) 0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	a) 0.055 kg a.s./ha + 0.08 kg a.s/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC b) 0.055 kg a.s./ha + 0.08 kg a.s/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	200- <del>400</del> 300	n/a		A
6	PL	Spring wheat (TRZAS), Spring barley (HORVS)	F	monocotyledonous and dicotyledonous weeds	Spray, medium sprayer	spring BBCH 20-31	a)1 b)1	n/a	a) 0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC b) 0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	a) 0.055 kg a.s./ha + 0.08 kg a.s/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC b) 0.055 kg a.s./ha + 0.08 kg a.s/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	200- <del>400</del> 300	n/a		A

Interzonal uses (use as seed treatment, in greenhouses (or other closed places of plant production), as post-harvest treatment or for treatment of empty storage rooms)														
7														
8														
Minor uses according to Article 51 (zonal uses)														
9														
10														
Minor uses according to Article 51 (interzonal uses)														
11														
12														

Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG (tribenuron methyl 500 g/kg)  
Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC (fluroxypyr-meptyl 200 g/l)

<b>Remarks table heading:</b>	(a)	e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR)	(d)	Select relevant
	(b)	Catalogue of pesticide formulation types and international coding system CropLife International Technical Monograph n°2, 6th Edition Revised May 2008	(e)	Use number(s) in accordance with the list of all intended GAPs in Part B, Section 0 should be given in column 1
	(c)	g/kg or g/l	(f)	No authorization possible for uses where the line is highlighted in grey, Use should be crossed out when the notifier no longer supports this use.
<b>Remarks columns:</b>	1	Numeration necessary to allow references	7	Growth stage at first and last treatment (BBCH Monograph, Growth Stages of Plants, 1997, Blackwell, ISBN 3-8263-3152-4), including where relevant, information on season at time of application
	2	Use official codes/nomenclatures of EU Member States	8	The maximum number of application possible under practical conditions of use must be provided.
	3	For crops, the EU and Codex classifications (both) should be used; when relevant, the use situation should be described (e.g. fumigation of a structure)	9	Minimum interval (in days) between applications of the same product
	4	F: professional field use, Fn: non-professional field use, Fpn: professional and non-professional field use, G: professional greenhouse use, Gn: non-professional greenhouse use, Gpn: professional and non-professional greenhouse use, I: indoor application	10	For specific uses other specifications might be possible, e.g.: g/m³ in case of fumigation of empty rooms. See also EPPO-Guideline PP 1/239 Dose expression for plant protection products.
	5	Scientific names and EPPO-Codes of target pests/diseases/ weeds or, when relevant, the common names of the pest groups (e.g. biting and sucking insects, soil born insects, foliar fungi, weeds) and the developmental stages of the pests and pest groups at the moment of application must be named.	11	The dimension (g, kg) must be clearly specified. (Maximum) dose of a.s. per treatment (usually g, kg or L product / ha).
	6	Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench	12	If water volume range depends on application equipments (e.g. ULVA or LVA) it should be mentioned under “application: method/kind”.
		Kind, e.g. overall, broadcast, aerial spraying, row, individual plant, between the plants - type of equipment used must be indicated.	13	PHI - minimum pre-harvest interval
			14	Remarks may include: Extent of use/economic importance/restrictions

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

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

Column 15: zRMS conclusion.

Product code: CHR/H/FETEC 110 EC

Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC

Part B – Section 3 – Core assessment

Applicant version

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Template for chemical PPP

Version February 2023

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**

This document summarizes the information related to the efficacy of the product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B containing active substances: fenoxaprop-P-etylu.

Due to the change of formulation ingredients, this document compares the effectiveness of CHR/H/FETEC 110 EC Part B (new formulation - after processing/new ingredients) with CHR/H/FET 110 EC Part A (first formulation - before processing).

The following document is a summary of information concerning plant protection product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B containing: 110 g/L fenoxaprop-P-etylu, included in Annex to Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances.

### **General information:**

#### **Description of the plant protection product**

##### Marketing name:

**product submitted to registration under three different marketing names: Fenoxinn Max 110 EC/Herbos Max 110 EC**

##### Formulants content:

The information concerning ingredients of product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B are included in the confidential part of the registration dossier: Registration Report – Part C.

##### Formulation of use:

EC – Emulsifiable Concentrate

#### **General information on the plant protection product:**

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is to be applied in spring:  
BBCH 20-31 in winter wheat, winter triticale, winter barley, spring barley, spring wheat.

##### The suggested dose of the product:

0.7 L/ha – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG– postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B containing fenoxaprop-P-etylu as the active substance is prepared for the use in agricultural practice as a herbicide in the form EC – Emulsifiable Concentrate.

Information on the composition of product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B are included in the confidential part of the registration dossier: Registration Report – Part C.

### **Description of active substances**

The descriptions of active substances will be provided in Section 1,2 4 to 8 and Part C.

## Mode of action

### Active substance:

fenoxaprop-P-etylu 110 g/L

Chemical name (IUPAC): ethyl (2R)-2-[4-[(6-chloro-1,3-benzoxazol-2-yl)oxy]phenoxy]propanoate

CA Name: propanoic acid, 2-[4-[(6-chloro-2-benzoxazolyl)oxy] phenoxy]-, ethyl ester, (2R)-

CAS No.: 71283-80-2

### Effects on harmful organisms

By contact with the target plants fenoxaprop-P-ethyl is rapidly taken up via the leaves and stems and transported to the sites of action. Within the plant, the active ingredient is very rapidly split to the free acid, which is the compound with the main herbicidal efficacy. Symptoms are chlorosis and eventually necrosis of young tissue.

### Mode of action:

Fenoxaprop-P-ethyl, once in the plant, is quickly converted into the free D+ acid fenoxaprop-P, which inhibits the biosynthesis of fatty acids. The further formation of cell membranes in the growing points of the weed plants is inhibited eventually causing the plant death. In addition this inhibition of fatty acid biosynthesis causes further changes within the weed plant, such as an increase in soluble sugars and free amino acids in the stem tissues of the grass weed plants and also a reduction in the chlorophyll content as a consequence of the reduction of thylakoid membranes. Based on the comparison of the in vitro efficacy of Fenoxaprop-P-ethyl compared to its free acid it could be shown that the free acid showed the main herbicidal activity. However, due to the significantly reduced uptake of the free acid in vivo and better uptake together with the fast hydrolysis in the plant, Fenoxaprop-P-ethyl is used for the application.

**Table 3.2-1: Details of the active substances**

Active substance	fenoxaprop-P-etylu
Concentration (Unit: g/kg or g/L...)	110 g/L
Chemical group	Aryloxyphenoxy-propionates (FOPs)
Mode of action	Inhibition of the enzyme acetyl-CoA carboxylase
Biological action	Fenoxaprop-P-ethyl belongs to the class of aryloxyphenoxypropionate chemicals. It is a selective herbicide with systemic distribution in the plant to inhibit fatty acid synthesis (ACCase). Fenoxaprop P-ethyl is applied as a post-emergence herbicide for the control of: <i>Avena</i> spp., <i>Apera spica venti</i> , <i>Alopecurus myosuroides</i> , <i>Echinochloa crus galli</i> and other annual grass weeds in wheat soft and durum, barley, triticale spelt and rye.

## Description of the plant protection product

### Formulation of use:

EC – Emulsifiable Concentrate

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B containing 110 g/L fenoxaprop-P-etylu as the active substance is prepared for the use in agricultural practice as a herbicide in the form EC – Emulsifiable Concentrate

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is to be applied postemergence in spring: BBCH 20-31 in winter wheat, winter triticale, winter barley, spring barley, spring wheat.

**Table 3.2-2: Simplified table of currently registered uses and requested uses for the product code.**

Uses		Member State	Currently registered rate(s)		Requested rate(s)		Comments / Other relevant details on GAPs
Crop(s)	Target(s)		max. rate per appl	max. total rate per crop/season	max. rate per appl	max. total rate per crop/season	
Winter wheat, winter barley, winter triticale, spring wheat, spring barley	<i>monocotyledonous weeds (grass weeds)</i>	PL	0.7 L/ha	0.7 L/ha	0.7 L/ha	0.7 L/ha	new formulation
Winter wheat, winter barley, winter triticale, spring wheat, spring barley	<i>monocotyledonous and dicotyledonous weeds</i>		0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	0.5 l/ha + 0.4 l/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC	new formulation
			0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG- 25 g/ha	0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG- 25 g/ha	0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG- 25 g/ha	0.5 l/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG- 25 g/ha	new formulation

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

## Description of the target pests

**Table 3.2-3: Glossary of pests mentioned in the dossier**

### Winter wheat

EPPO code	Scientific name	Common name*
ALOMY	<i>Alopecurus myosuroides</i>	-
PAPRH	<i>Papaver rhoeas</i>	-
VERPE	<i>Veronica persica</i>	-
STEME	<i>Stellaria media</i>	-
VIOAR	<i>Viola arvensis</i>	-
CNSRE	<i>Consolida regalis</i>	-
APESV	<i>Apera spica-venti</i>	-
LITAR	<i>Buglossoides arvensis</i>	-
BRSNW	<i>Brassica napus</i>	-
CENCY	<i>Centaurea cyanus</i>	-
VERHE	<i>Veronica hederifolia</i>	-
ANTAR	<i>Anthemis arvensis</i>	-
CAPBP	<i>Capsella bursa-pastoris</i>	-

\* optional

### Spring barley

EPPO code	Scientific name	Common name*
AVEFA	<i>Avena fatua</i>	-
CENCY	<i>Centaurea cyanus</i>	-
POLCO	<i>Fallopia convolvulus</i>	-
ANTAR	<i>Anthemis arvensis</i>	-
VIOAR	<i>Viola arvensis</i>	-
CHEAL	<i>Chenopodium album</i>	-
GASPA	<i>Galinsoga parviflora</i>	-
ECHCG	<i>Echinochloa crus-galli</i>	-
GALAP	<i>Galium aparine</i>	-
MATIN	<i>Tripleurospermum inodorum</i>	-
STEME	<i>Stellaria media</i>	-
LAMPU	<i>Lamium purpureum</i>	-

\* optional

**Table 3.2-4: 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 wheat	PL	-	<i>Alopecurus myosuroides</i>	PL	-
			<i>Papaver rhoeas</i>	PL	-
			<i>Veronica persica</i>	PL	-
			<i>Stellaria media</i>	PL	-



			<i>Viola arvensis</i>	PL	-
			<i>Consolida regalis</i>	PL	-
			<i>Apera spica-venti</i>	PL	-
			<i>Buglossoides arvensis</i>	PL	-
			<i>Brassica napus</i>	PL	-
			<i>Centaurea cyanus</i>	PL	-
			<i>Veronica hederifolia</i>	PL	-
			<i>Anthemis arvensis</i>	PL	-
			<i>Capsella bursa-pastoris</i>	PL	-
Spring barley	PL	-	<i>Avena fatua</i>	PL	-
			<i>Centaurea cyanus</i>	PL	-
			<i>Fallopia convolvulus</i>	PL	-
			<i>Anthemis arvensis</i>	PL	-
			<i>Viola arvensis</i>	PL	-
			<i>Chenopodium album</i>	PL	-
			<i>Galinsoga parviflora</i>	PL	-
			<i>Echinochloa crus-galli</i>	PL	-
			<i>Galium aparine</i>	PL	-
			<i>Tripleurospermum inodorum</i>	PL	-
			<i>Stellaria media</i>	PL	-
			<i>Lamium purpureum</i>	PL	-

### Compliance with the Uniform Principles

The overall assessment was performed according to the uniform principles. There were no deviations from the EPPO guidelines with the trials conducted in North-East EPPO zone.

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

The 15 trials have been carried out in 2020 and 2021 in the North-East EPPO zone within the Central registration zone to evaluate the efficacy of applied at the proposed label rate:

0.7 L/ha – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).

for the ~~insect~~ weeds control in winter wheat, spring wheat, winter triticale, winter barley and spring barley (Table 3.2 6). Trials were conducted in the main crops growing areas in the North-East EPPO zone in Poland.

**Table 3.2-5: Presentation of trials efficacy trials**  
**Winter Wheat**

Crop(s) *	Target(s)*	Country	Years	Type of trial**	Number of trials		GEP, non-GEP, official***	Comments (any other relevant information)
					(number of valid trials)			
					North-East zone	-		
winter wheat post-emergence BBCH 25-32	Alopecurus myosuroides	Poland	2020	E	2 (2)	-	GEP	-
		Poland	2021	E	2 (2)	-	GEP	-
		-	2020-2021	-	4 (4)	-	-	-
	Papaver rhoeas	Poland	2020	E	3 (3)	-	GEP	-
		Poland	2021	E	1 (1)	-	GEP	-
		-	2020-2021	-	4 (4)	-	-	-
	Veronica persica	Poland	2020	E	1 (1)	-	GEP	-
		-	2020	-	1 (1)	-	-	-
	Stellaria media	Poland	2020	E	2 (2)	-	GEP	-
		Poland	2021	E	2 (2)	-	GEP	-
		-	2020-2021	-	4 (4)	-	-	-
	Viola arvensis	Poland	2020	E	3 (3)	-	GEP	-
		-	2020	-	3 (3)	-	-	-
	Consolida regalis	Poland	2020	E	1 (1)	-	GEP	-
		-	2020	-	1 (1)	-	-	-
	Apera spica-venti	Poland	2020	E	2 (2)	-	GEP	-
		Poland	2021	E	3 (3)	-	GEP	-
		-	2020-2021	-	5 (5)	-	-	-
	Buglossoides arvensis	Poland	2020	E	1 (1)	-	GEP	-
		-	2020	-	1 (1)	-	-	-
	Brassica napus	Poland	2020	E	1 (1)	-	GEP	-
		-	2020	-	1 (1)	-	-	-
	Centaurea cyanus	Poland	2020	E	2 (2)	-	GEP	-
		Poland	2021	E	1 (1)	-	GEP	-
		-	2020-2021	-	3 (3)	-	-	-
	Veronica hederifolia	Poland	2020	E	1 (1)	-	GEP	-
		-	2020	-	1 (1)	-	-	-
	Anthemis arvensis	Poland	2020	E	1 (1)	-	GEP	-
		Poland	2021	E	1 (1)	-	GEP	-

		-	2020-2021	-	2 (2)	-	-	-
	<i>Capsella bursa-pastoris</i>	Poland	2020	E	1 (1)	-	GEP	-
		Poland	2021	E	2 (2)	-	GEP	-
		-	2020-2021	-	3 (3)	-	-	-
<b>TOTAL</b>	<b>13</b>	<b>-</b>	<b>2020-2021</b>	<b>-</b>	<b>8 (33)</b>	<b>-</b>	<b>-</b>	<b>-</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.

### Spring barley

Crop(s) *	Target(s)*	Country	Years	Type of trial**	Number of trials		GEP, non-GEP, official***	Comments (any other relevant information)
					(number of valid trials)			
					North-East zone	-		
spring barley post-emergence BBCH 21-31	Avena fatua	Poland	2020	E	2 (2)	-	GEP	-
		Poland	2021	E	2 (2)	-	GEP	
	TOTAL	-	2020-2021		4 (4)			
	Centaurea cyanus	Poland	2020	E	2 (2)	-	GEP	
		Poland	2021	E	1 (1)	-	GEP	
	TOTAL	-	2020-2021		3 (3)			
	Fallopia convolvulus	Poland	2020	E	2 (2)	-	GEP	
		Poland	2021	E	2 (2)	-	GEP	
	TOTAL	-	2020-2021		4 (4)			
	Anthemis arvensis	Poland	2020	E	1 (1)	-	GEP	
	TOTAL	-	2020		1 (1)			
	Viola arvensis	Poland	2020	E	2 (2)	-	GEP	
		Poland	2021	E	1 (1)	-	GEP	
	TOTAL	-	2020-2021		3 (3)			
	Chenopodium album	Poland	2020	E	2 (2)	-	GEP	
	TOTAL	-	2020		2 (2)			
	Galinsoga parviflora	Poland	2020	E	1 (1)	-	GEP	
	TOTAL	-	2020		1 (1)			

	<i>Echinochloa crus-galli</i>	Poland	2020	E	2 (2)	-	GEP	
		Poland	2021	E	3 (3)	-	GEP	
	TOTAL	-	2020-2021	-	5 (5)	-	-	-
	<i>Galium aparine</i>	Poland	2020	E	1 (1)	-	GEP	
		Poland	2021	E	2 (2)	-	GEP	-
	TOTAL	-	2020-2021	-	3 (3)	-	-	-
	<i>Tripleurospermum inodorum</i>	Poland	2021	E	3 (3)	-	GEP	
	TOTAL	-	2021	-	3 (3)	-	-	-
	<i>Stellaria media</i>	Poland	2021	E	3 (3)	-	GEP	
	TOTAL	-	2021	-	3 (3)	-	-	-
	<i>Lamium purpureum</i>	Poland	2021	E	1 (1)	-	GEP	
	TOTAL	-	2021	-	1 (1)	-	-	-
TOTAL	12		2020-2021		7 (33)			

- \* 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.

#### Table 3.2-6: Presentation of reference standards used in trials efficacy trials

Not applicable, no reference standards were used in the bridging trials.

#### 3.2.1 Preliminary tests (KCP 6.1)

No new studies were presented. All data in this point were evaluated in the core dossier for CHR/H/FET 110 EC (Fenoxinn 110 EC/Herbos 110 EC/ Monarchi 110 E) authorized decision (R - 145/2016 date 16.06.2016 recently changed by decision R - 752/2021d date 29.11.2021 r.; R - 167/2016 date 01.08.2016 recently changed by decision R - 752/2021d date 29.11.2021; R - 186/2016 date 19.08.2016 r. recently changed by decision R - 752/2021d date 29.11.2021).

#### Table 3.2-7: Efficacy of active substance components in test product – not applicable

Not applicable

#### Table 3.2-8: Percentage of control of the different ratios at timing of assessment (e.g. 10 to 14 days after application).- not applicable

Not applicable

#### Summary and conclusions on the preliminary trials

Not applicable

comments of zRMS: dRR point 3.2.1	Preliminary studies on product CHR/H/FETEC 110 EC Part B were not carried out. This dossier was applied to compare the effectiveness of CHR/H/FETEC 110 EC Part B (the new formulation after changing ingredients) with CHR/H/FET 110 EC
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	Part A (the former formulation). All data concerning preliminary tests were evaluated in the core dossier of CHR/H/FET 110 EC Part A (Fenoxinn 110 EC/Herbos 110 EC/ Monarchi 110 E).
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### 3.2.2 Minimum effective dose tests (KCP 6.2)

No new studies were presented. All data in this point were evaluated in the core dossier for CHR/H/FET 110 EC (Fenoxinn 110 EC/Herbos 110 EC/ Monarchi 110 E) authorized decision (R - 145/2016 date 16.06.2016 recently changed by decision R - 752/2021d date 29.11.2021 r.; R - 167/2016 date 01.08.2016 recently changed by decision R - 752/2021d date 29.11.2021; R - 186/2016 date 19.08.2016 r. recently changed by decision R - 752/2021d date 29.11.2021).

#### Crop(s) 1 AND/OR Target(s) 1

Not applicable

**Table 3.2-9: Minimum effective dose. Efficacy of product at proposed label rate, at X% and Y% dose rates on target 1 at assessment timing against “Crop(s) 1 AND/OR Target(s) 1”.**

No specific studies were conducted to fill this data point.

#### Crop(s) 2 AND/OR Target(s) 2

Not applicable

#### Summary and conclusions on the minimum effective dose

Not applicable

comments of zRMS: dRR point 3.2.2	The Applicant did not presented data to confirm minimum effective dose. The CHR/H/FETEC 110 EC Part B was evaluated in the core dossier of CHR/H/FET 110 EC Part A (Fenoxinn 110 EC/Herbos 110 EC/ Monarchi 110 E).
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### 3.2.3 Efficacy tests (KCP 6.2)

#### Materials and methods

The applicant submitted 15 reports (in total) showing the results in research into product efficacy carried out in 2020 and 2021 in winter wheat (8 trials) and in spring barley (7 trials). List of these reports is contained in Appendix 1.

#### Site

Trials were conducted in different regions in Poland where winter wheat and spring barley are grown commercially. The experiment was established on a set of complete randomized blocks in 4 replications. Details on trial sites, applications and data on effectiveness are included in Appendix 4 and 5.

#### Testing units

Efficacy studies on herbicide CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B were performed in 2020 by:

- SynTech Research Poland Sp. z o.o., ul. Jagiellońska 69/1, 85-027 Bydgoszcz, Poland
- A.T Sp. z o.o., ul. Przemysłowa 3, 88-300 Mogilno, Poland
- Poznań University of Life Sciences, Research and Education Center Gorzyń, ul. Wojska Polskiego 28, 60-637 Poznań, Poland

#### Experimental details

The efficacy trials were designed, conducted and reported according to the following EPPO guidelines:

- PP 1/135 (3) Phytotoxicity assessment
  - PP 1/152 (3) Design and analysis of efficacy evaluation trials
  - PP 1/181 (3) Conduct and reporting of efficacy evaluation trials including good experimental practice
- They were carried out on the field in the conditions of natural agrofag infestation. The efficacy trials were concluded according to the EPPO standards:
- PP 1/93 (3) Weeds in cereals

The test results were statistically evaluated using the ARM 2020.1 statistical program. All assessment data was analyzed by analysis of variance (two-way analysis of variance). Significance of differences between the combinations was assessed using the Student-Newman-Keuls test at a significance level of  $p = 0.05$  using "ARM 9" (version 9.1.5). All data were tested for homogeneity using the Bartlett test for homogeneity. for any data columns that did not pass this test, automatic data transformations were performed in the ARM (see ARM action codes below each scoreboard) Care should be taken when interpreting these data columns Efficacy was analyzed by Abbott's test (% of control).

Software for analysis of the results was ARM Revision 2017.4 from Gylling Data Management. Data were analysed using analysis of variance (ANOVA) on untransformed data and on transformed ones when the Bartlett's test indicated so. If transformation did not improve the distribution, original values were used and therefore significant differences reported should be interpreted with caution. The probability of no significant differences occurring between treatment means was calculated as the F probability value (Treatment Prob(F)). Student-Newman-Keuls (S-N-K) tests were applied when treatment differences were identified on the basis of the ANOVA test. Mean comparison performed only when AOV Treatment P(F) is significant at level selected. Results obtained were indicated by a letter-treatment means with no letters in common are significantly different in accordance with a S-N-K conducted at a 95% confidence level. Where data have been transformed, letters are included in the transformed data.

The treatment means of the assessment dates were calculated and compared using Student-Newman-Keuls test ( $P=0.05$ ). The statistical procedures were applied using ARM 2020.1 software.

#### Assessment of efficacy

The effectiveness of the control of monocotyledonous and dicotyledonous weeds was assessed visually by comparing the condition of individual weeds on the herbicide-treated plots and on the untreated objects. In addition, 262 DAAs were counted for panicle for monocotyledonous weeds. Results were presented as percent damage using a 0-100 scale, where 0 - no efficacy, 100 - total weed control. Both before the application of the preparation and on each evaluation day, the number of individual weeds was determined on the control plots on the area of 1 m<sup>2</sup>.

An efficacy was evaluated through assessments of damage weeds on plots treated compared to untreated (check) plots. The results was presented in percentage of efficacy (%). On untreated plots estimated number of weeds on 1 square meter.

Efficacy as % of weed control. The occurrence and intensity of symptoms of weed damages were determined using % scale. (0% = no symptoms occur, 100% = full control of weeds).

#### Assessment of phytotoxicity

Phytotoxicity (chlorosis and necrosis), stunting and thinning were assessed by visual estimation of the intensity on an overall plot basis on a percentage scale 0-100 % (0=no damage). The assessment date was determined by the speed of action and period of efficacy of the test substances.

The phytotoxicity assessment of the tested preparations was carried out by visually assessing the intensity of chlorosis, necrosis, leaf twisting, reduction of plant turgor, etc. on the surface of the entire plots and comparing each plot with the control plot. The assessment was made directly on the plantation. The results are presented on a 0-100 scale, where 0 - no phytotoxicity, 100 - complete destruction of plants.

#### Applications methods and rates

The applications were carried out by a T-BOOM – BACCAI, plot sprayer BICSPR.

#### **Tested herbicide was applied at the growth stage in:**

BBCH 25-32 in winter wheat,  
BBCH 21-31 in spring barley.

The product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B has been used in winter wheat and spring barley at the following rates of:

0.7 L/ha, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu),  
0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),  
0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).

The reference product was not applied.

The experiment was established on a set of complete randomized blocks in 4 replications.

#### **Experiment pattern:**

##### **Winter wheat**

No.	Name	Rate (L, kg/ha)	other rate (g a.s./ha)	Appl code	Growth Stage BBCH
1	Untreated Check				
2	CHR/H/FET 110 EC - Part A	0.7 L/ha	77 g a.s./ha	A	BBCH 25-32
3	CHR/H/FETEC 110 EC - Part B	0.7 L/ha	77 g a.s./ha	A	BBCH 25-32
4	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 L/ha + 0.4 L/ha	55 g a.s./ha	A	BBCH 25-32
5	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 L/ha + 0.4 L/ha	55 g a.s./ha	A	BBCH 25-32
6	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 L/ha + 0.025 kg/ha	55 g a.s./ha	A	BBCH 25-32
7	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 L/ha + 0.025 kg/ha	55 g a.s./ha	A	BBCH 25-32

##### **Spring barley**

No.	Name	Rate (L, kg/ha)	other rate (g a.s./ha)	Appl code	Growth Stage BBCH
1	Untreated Check				
2	CHR/H/FET 110 EC - Part A	0.7 L/ha	77 g a.s./ha	A	BBCH 21-31
3	CHR/H/FETEC 110 EC - Part B	0.7 L/ha	77 g a.s./ha	A	BBCH 21-31
4	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 L/ha + 0.4 L/ha	55 g a.s./ha	A	BBCH 21-31
5	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 L/ha + 0.4 L/ha	55 g a.s./ha	A	BBCH 21-31
6	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 L/ha + 0.025 kg/ha	55 g a.s./ha	A	BBCH 21-31
7	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 L/ha + 0.025 kg/ha	55 g a.s./ha	A	BBCH 21-31

## Details of experiments

## Winter wheat

[illegible]



### Spring barley

Report code	A.T/2020/008/JJ	A.T/2020/058/JJ	A.T/2021/036/JJ	AH/20/JJ/21/Br	AH/21/JJ/10/Ra	SRPL21-418-336HE	SRPL21-419-336HE
Location	Zamarte/ Poland	Nowy Dwór/Poland	Białe Błoto/Poland	Brody/Poland	Rataje/Poland	Jankowice Wielkie/Poland	Naglady/Poland
Plant /cultivar	spring barley/ Soldo	spring barley/ Ella	spring barley/Podarek	spring barley/Iron	spring barley/Orphelia	spring barley/Avatar	spring barley/Boomerang
Seeding date	28.03.2020	06.04.2020	15.04.2021	24.03.2020	25.03.2021	17.03.2021	14.04.2021
Seeding rate	140 kg/ha	150 kg/ha	200 kg/ha	160 kg/ha	140 kg/ha	150 kg/ha	185 kg/ha
Forecrop	spring wheat	winter triticale	winter triticale	maize	winter triticale	sugar beet	potatoes
Type of sprayer	BACCAI	BACCAI	BACCAI	BICSPR	BICSPR	BACCAI	BACCAI
Date of treatment	15.05.2020	15.05.2020	10.05.2021	18.05.2020	05.05.2021	20.04.2021	24.05.2021
Plant development phase	BBCH 25-30	BBCH 23-26	BBCH 21	BBCH 31	BBCH 21	BBCH 21-23	BBCH 21-23
Soil type	sandy loam	sandy clay loam	sand	loamy sand	loamy sand	sandy loam	sandy loam
pH	5	5.3	6	6.5	6.5	6.7	4.8
Water (L/ha)	200 L/ha	200 L/ha	300 L/ha	200 L/ha	200 L/ha	300 L/ha	300 L/ha

Details of agricultural measures, fertilization, and other plant protection products applied during the experiments are included in detailed field study reports listed above.

Summary of the data from effectiveness trials can be found at Appendix 5.

### Efficacy tests

The 15 trials have been carried out in winter wheat and spring barley in 2020 and 2021 in Poland.

The product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B has been used at the following rates of:

0.7 L/ha – postemergence application once a season, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG – postemergence application once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).

Tested herbicide was applied at the growth stage:

BBCH 25-32 in winter wheat,

BBCH 21-31 in spring barley.

**Table 3.2-10: Details on trial methodology**

<b>Guidelines</b>	General guidelines	PP 1/152 (3) Design and analysis of efficacy evaluation trials
		PP 1/181 (3) Conduct and reporting of efficacy evaluation trials including good experimental practice
		PP 1/135 (3) Phytotoxicity assessment
	Specific guidelines	PP 1/93 (3) Weeds in cereals
<b>Experimental design</b>	Plot design	Randomized Complete Block (RCB) – (15)
	Plot size	Winter wheat: 12.0-21.0 m <sup>2</sup> Spring barley: 12.5-18.0 m <sup>2</sup>
	Number of replications	4 (15)
<b>Crop</b>	Trials per crop	Winter wheat: 8 trials Spring barley: 7 trials
	Varieties per crop	winter wheat: Apostel, Arkadia, Arkadia, RGT Specialist, Bogatka, Hondia, Apostel, Julius Spring barley: Soldo, Ella, Podarek, Iron, Orphelia, Avatar, Boomerang
	Sowing period	Winter wheat: 16.09.2019-21.10.2019; 27.09.2020-06.10.2020 Spring barley: 28.03.2020-06.04.2020; 17.03.2021-15.04.2021
<b>Application</b>	Crop stage (BBCH)* at application	BBCH 25-32 in winter wheat, BBCH 21-31 in spring barley.
	Timing Pest stage at application (1)	The data available in Appendix 4
	Number of applications Intervals between applications	Winter wheat: 1 (8 trials); interval – n/a Spring barley: 1 (7 trials); interval – n/a
	Spray volumes	Winter wheat: 200-300 L/ha Spring barley: 200-300 L/ha
<b>Assessment</b>	Assessment types	Assessment of efficacy

		Assessment of phytotoxicity
	Assessment dates	Assessment dates deatalis is available in Appendix 4
<b>Other re-levant infor-mation</b>	e.g. Soil type, pH (in case of soil active substance ...)	Winter wheat: loamy clay, loamy sand, sandy loam, silt; pH 4.6-6.83 Spring barley: sandy clay loam, sand, loamy sand, sandy loam, pH 4.8-6.7
	e.g. Natural / artificial inoculation...	n/a
	e.g. Field / Greenhouse...	n/a
	...	n/a

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

## Crop(s) 1 AND/OR Target(s) 1

### 3.2.3-1 Efficacy tests of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B

The herbicides CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B containing fenoxaprop-P-ethyl are used solo to the control monocotyledonous weeds/ grass weeds in winter and spring cereals. Whereas to the control dicotyledonous and monocotyledonous weeds in winter and spring cereals herbicides CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B containing fenoxaprop-P-ethyl are used in a mixture.

The efficacy data were presented for all assessment during the trial period.

However, taking into account the specificity of the active ingredient fenoxaprop-P-etylu which is contained in the product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B, the third/last assessment was taken into account for the classification.

#### Winter wheat

The 8 trials were carried out in winter wheat in 2020 and 2021. The herbicides CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B was applied solo once per season at the following rate:

0.7 L/ha – postemergence application once a season, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu) and the tested herbicides was applied in tank mix at the following rates:

0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG – postemergence application once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).

The treatments was conducted at the growth stage BBCH 25-32.

#### 3.2.3-1.1 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of ALOMY *Alopecurus myosuroides*

##### Plant, ear, Panicle (13-56 DA-A)

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Alopecurus myosuroides* were investigated in 4 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 13, 14, 16, 23, 28, 42, 47, 56 DA-A. The effectiveness fluctuated from 73,39 – 85,98 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 57,5 % (16 DA-A) to 99,21 % (42 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 51,3 % (16 DA-A) to 90,18 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Trimax 50 SG/Triben Super 50 SG from 50,0 % (16 DA-A) to 91,43 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 60,0 % (16 DA-A) to 99,00 % (47 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 50,0 % (16 DA-A) to 89,82 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 52,5 % (16 DA-A) to 88,97 % (42 DA-A)

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 85 % during the assessment. (Appendix 5 tab. 1).

#### **Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Alopecurus myosuroides* were investigated in 4 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 13, 14, 16, 23, 28 DA-A. The effectiveness fluctuated from 68,46 – 79,74 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 57,5 % (16 DA-A) to 95,3 % (23 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 51,3 % (16 DA-A) to 86,3 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 50,0 % (16 DA-A) to 85,0 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 60,0 % (16 DA-A) to 93,8 % (23 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 50,0 % (16 DA-A) to 83,8 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 52,5 % (16 DA-A) to 83,8 % (28 DA-A)

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 79 % during the assessment. (Appendix 5 tab. 2).

#### **Plant (42-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Alopecurus myosuroides* were investigated in 2 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 42, 56 DA-A. The effectiveness fluctuated from 84,4 – 96,4 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 93,8 % (56 DA-A) to 99,0 % (42 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 86,3 % (56 DA-A) to 88,8 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 83,8 % (56 DA-A) to 88,8 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 92,5 % (56 DA-A) to 96,0 % (42 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 83,8 % (56 DA-A) to 85,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 85,0 % (56 DA-A) to 86,3 % (42 DA-A)

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 96 % during the assessment. (Appendix 5 tab. 3).

#### **ear, Panicle (42-53 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Alopecurus myosuroides* were investigated in 3 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 42, 47, 53 DA-A. The effectiveness fluctuated from 79,64 – 79,86 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 88,8 % (53 DA-A) to 99,21 % (42 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 77,5 % (53 DA-A) to 90,18 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 70,0 % (53 DA-A) to 91,43 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 87,5 % (53 DA-A) to 99,0 % (47 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 76,3 % (53 DA-A) to 89,82 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 74,3 % (47 DA-A) to 88,97 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 95 % during the assessment. (Appendix 5 tab. 4).

### **3.2.3-1.2 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of PAPRH *Papaver rhoeas***

#### **Plant (13-74 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Papaver rhoeas* were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 23, 27, 28, 42, 47, 65, 74 DA-A. The effectiveness fluctuated from 19,38 – 84,6 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 0,0 % (13, 14, 23, 28, 47, 65 DA-A) to 65,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 55,0 % (14 DA-A) to 100,0 % (47 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 0,0 % (13, 14, 23, 28, 47, 65 DA-A) to 65,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 60,0 % (14 DA-A) to 100,0 % (47 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 84 % during the assessment. (Appendix 5 tab. 5).

#### **Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Papaver rhoeas* were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 23, 27, 28, DA-A. The effectiveness fluctuated from 16,89 – 79,83 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 0,0 % (13, 14, 23, 28 DA-A) to 56,3 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 55,0 % (14 DA-A) to 90,0 % (23, 27 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 0,0 % (13, 14, 23, 28 DA-A) to 55,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 60,0 % (14 DA-A) to 90,0 % (23, 27 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 79 % during the assessment. (Appendix 5 tab. 6).

**Plant (42-74 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Papaver rhoeas* were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 42, 47, 65, 74 DA-A. The effectiveness fluctuated from 24,38 – 94,15 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 0,0 % (47, 65 DA-A) to 65,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 88,8 % (74 DA-A) to 100,0 % (47 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 0,0 % (47, 65 DA-A) to 65,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 87,5 % (74 DA-A) to 100,0 % (47 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 94 % during the assessment. (Appendix 5 tab. 7).

**3.2.3-1.3 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of VERPE *Veronica persica***

**Plant (13-42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Veronica persica* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 28, 42 DA-A. The effectiveness fluctuated from 56,7 – 75,03 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 48,8 % (13 DA-A) to 88,8 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 36,3 % (13 DA-A) to 77,5 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 50,0 % (13 DA-A) to 87,5 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 37,5 % (13 DA-A) to 76,3 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 75 % during the assessment. (Appendix 5 tab. 8).

**Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Veronica persica* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 28 DA-A. The effectiveness fluctuated from 46,9 – 68,15 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 48,8 % (13 DA-A) to 87,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 36,3 % (13 DA-A) to 57,5 % (28 DA-A).

DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 50,0 % (13 DA-A) to 86,3 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 37,5 % (13 DA-A) to 56,3 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 68 % during the assessment. (Appendix 5 tab. 9).

#### **Plant (42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Veronica persica was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 42 DA-A. The effectiveness fluctuated from 76,3 – 88,8 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 88,8 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 77,5 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 87,5 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 76,3 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 88 % during the assessment. (Appendix 5 tab. 10).

### **3.2.3-1.4 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of STEME *Stellaria media***

#### **Plant (13-65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Stellaria media were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 13, 14, 21, 28, 42, 65 DA-A. The effectiveness fluctuated from 85,49 – 88,44 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 60,0 % (13 DA-A) to 100,0 % (28, 42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 62,5 % (13 DA-A) to 100,0 % (28, 42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 58,8 % (13 DA-A) to 100,0 % (28, 42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 61,3 % (13 DA-A) to 100,0 % (28, 42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 75 % during the assessment. (Appendix 5 tab. 11).

#### **Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Stellaria media were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 13, 14, 21, 28 DA-A. The effectiveness fluctuated from 80,38 – 81,85 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 60,0 % (13 DA-A) to 100,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 62,5 % (13 DA-A) to 100,0 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 58,8 % (13 DA-A) to 100,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 61,3 % (13 DA-A) to 100,0 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 81 % during the assessment. (Appendix 5 tab. 12).

#### **Plant (42-65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Stellaria media* were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 42, 65 DA-A. The effectiveness fluctuated from 93,15 – 98,33 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 83,8 % (65 DA-A) to 100,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 91,3 % (65 DA-A) to 100,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 83,8 % (65 DA-A) to 100,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 93,3 % (65 DA-A) to 100,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 98 % during the assessment. (Appendix 5 tab. 13).

### **3.2.3-1.5 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of VIOAR *Viola arvensis***

#### **Plant (13-65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Viola arvensis* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 14, 27, 28, 42, 65 DA-A. The effectiveness fluctuated from 40,61 – 64,09 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 23,8 % (13 DA-A) to 73,8 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 18,8 % (14 DA-A) to 81,3 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (13 DA-A) to 72,5 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 18,8 % (14 DA-A) to 82,5 % (27 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 64 % during the assessment. (Appendix 5 tab. 14).

#### **Plant (13-28 DA-A)**



The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Viola arvensis* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 14, 27, 28 DA-A. The effectiveness fluctuated from 35,97 – 59,9 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 23,8 % (13 DA-A) to 60,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 18,8 % (14 DA-A) to 81,3 % (27 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (13 DA-A) to 58,8 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 18,8 % (14 DA-A) to 82,5 % (27 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 59 % during the assessment. (Appendix 5 tab. 15).

#### **Plant (42-65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Viola arvensis* were investigated in 2 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 42, 65 DA-A. The effectiveness fluctuated from 35,3 – 73,3 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 35,3 % (65 DA-A) to 73,8 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,0 % (65 DA-A) to 81,3 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 35,3 % (65 DA-A) to 72,5 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 73,3 % (65 DA-A) to 80,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 76 % during the assessment. (Appendix 5 tab. 16).

### **3.2.3-1.6 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of CNSRE *Consolida regalis***

#### **Plant (13-42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Viola arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 28, 42 DA-A. The effectiveness fluctuated from 58,37 – 69,17 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 43,8 % (13 DA-A) to 77,5 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 50,0 % (13 DA-A) to 80,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 42,5 % (13 DA-A) to 76,3 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 48,8 % (13 DA-A) to 77,5 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with

the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 69 % during the assessment. (Appendix 5 tab. 17).

#### **Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Viola arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 28 DA-A. The effectiveness fluctuated from 49,4 – 63,75 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 43,8 % (13 DA-A) to 57,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 50,0 % (13 DA-A) to 77,5 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 42,5 % (13 DA-A) to 56,3 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 48,8 % (13 DA-A) to 75,0 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted above 63 % during the assessment. (Appendix 5 tab. 18).

#### **Plant (42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Viola arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 42 DA-A. The effectiveness fluctuated from 76,3 – 80,0 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 77,5 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 80,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 76,3 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 77,5 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B in tank mixture was comparable with the herbicide CHR/H/FET 110 EC Part A in tank mixture. In the trials efficacy amounted up to 80,0 % during the assessment. (Appendix 5 tab. 19).

### **3.2.3-1.7 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of APESV *Apera spica-venti***

#### **Plant, Panicle (13-74 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Apera spica-venti* were investigated in 5 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 13, 14, 21, 23, 27, 28, 42, 47, 65, 68, 74, 76 DA-A. The effectiveness fluctuated from 70,37 – 80,45 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 43,8 % (14 DA-A) to 100,0 % (42, 68, 76 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 33,3 % (14 DA-A) to 95,0 % (42, 68, 76 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (14 DA-A) to 95,0 % (42, 68, 76 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 45,0 % (14 DA-A) to 100,0 % (42, 68, 76 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 35,0 % (14 DA-A) to 95,0 % (42, 68, 76 DA-A), 0.5 L/ha +25 g/ha Tristar 50

SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (14 DA-A) to 95,0 % (42, 68 DA-A)  
The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 80 % during the assessment. (Appendix 5 tab. 20).

#### **Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Apera spica-venti* were investigated in 5 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 14, 21, 23, 27, 28 DA-A. The effectiveness fluctuated from 60,09 – 68,73 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 43,8 % (14 DA-A) to 86,3 % (23 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 33,3 % (14 DA-A) to 77,5 % (21 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (14 DA-A) to 77,5 % (21 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 45,0 % (14 DA-A) to 82,5 % (23 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 35,0 % (14 DA-A) to 77,5 % (21 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (14 DA-A) to 77,5 % (21 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 68 % during the assessment. (Appendix 5 tab. 21).

#### **Plant (42-76 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Apera spica-venti* were investigated in 2 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 42, 68, 76 DA-A. The effectiveness fluctuated from 94,4 – 100,0 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha up to 100,0 % (42, 68, 76 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 95,0 % (42, 68, 76 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 93,8 % (42, 76 DA-A) to 95,0 % (42, 68 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha up to 100,0 % (42, 68, 76 DA-A) in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 95,0 % (42, 68, 76 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 93,8 % (42, 76 DA-A) to 95,0 % (42, 68 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted up to 100 % during the assessment. (Appendix 5 tab. 22).

#### **Panicle, ear (47-76 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Apera spica-venti* were investigated in 5 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 47, 65, 68, 74, 76 DA-A. The effectiveness fluctuated from 67,32 – 83,56 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 61,5 % (65 DA-A) to 100,0 % (68,76 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,8 % (65 DA-A) to 95,0 % (68, 76 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 37,8 % (65 DA-A) to 95,0 % (68 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 63,3 % (65 DA-A) to 100,0 % (68, 76 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/

Herbistar 200 EC from 49,8 % (65 DA-A) to 95,0 % (68, 76 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 35,3 % (65 DA-A) to 95,0 % (68 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 83 % during the assessment. (Appendix 5 tab. 23).

### **3.2.3-1.8 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of LITAR *Buglossoides arvensis***

#### **Plant (14-65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Buglossoides arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 14, 28, 65 DA-A. The effectiveness fluctuated from 65,5 – 76,7 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 62,0 % (65 DA-A) to 67,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,0 % (14 DA-A) to 77,5 % (65 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 63,3 % (65 DA-A) to 69,5 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 74,0 % (14 DA-A) to 78,8 % (65 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 76 % during the assessment. (Appendix 5 tab. 24).

#### **Plant (14-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Buglossoides arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 14, 28 DA-A. The effectiveness fluctuated from 67,25 – 75,65 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 67,0 % (14 DA-A) to 67,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,0 % (14 DA-A) to 77,3 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 68,3 % (28 DA-A) to 69,5 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 74,0 % (14 DA-A) to 77,3 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 75 % during the assessment. (Appendix 5 tab. 25).

#### **Plant (65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Buglossoides arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 65 DA-A. The effectiveness fluctuated from 62,0 – 78,8 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper

200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 62,0 % (65 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 77,5 % (65 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 63,3 % (65 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 78,8 % (65 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 78 % during the assessment. (Appendix 5 tab. 26).

### **3.2.3-1.9 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of BRSNW *Brassica napus***

#### **Plant (14-65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Brassica napus* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 14, 28, 65 DA-A. The effectiveness fluctuated from 61,27 – 94,33 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 60,0 % (28 DA-A) to 62,0 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 84,0 % (14 DA-A) to 100,0 % (65 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 60,8 % (28 DA-A) to 65,8 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 85,0 % (14 DA-A) to 100,0 % (65 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 94 % during the assessment. (Appendix 5 tab. 27).

#### **Plant (14-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Brassica napus* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 14, 28 DA-A. The effectiveness fluctuated from 61,0 – 91,5 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 60,0 % (28 DA-A) to 62,0 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 84,0 % (14 DA-A) to 98,0 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 60,8 % (28 DA-A) to 65,8 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 85,0 % (14 DA-A) to 98,0 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 91 % during the assessment. (Appendix 5 tab. 28).

#### **Plant (65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Brassica napus* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200

EC/ Her-bistar 200 EC controlled this species of weed at the low to high level of efficacy 65 DA-A. The effectiveness fluctuated from 61,8 – 100,0 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 61,8 % (65 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 100,0 % (65 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 61,8 % (65 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 100,0 % (65 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted up to 100,0 % during the assessment. (Appendix 5 tab. 29).

### **3.2.3-1.10 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of CENCY *Centaurea cyanus***

#### **Plant (13-74 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluro-herb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 23, 27, 28, 47, 65, 74 DA-A. The effectiveness fluctuated from 47,32 – 83,63 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 32,5 % (13 DA-A) to 56,3 % (13 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,5 % (13 DA-A) to 91,5 % (65 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 37,5 % (13 DA-A) to 57,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 70,0 % (13 DA-A) to 92,0 % (47 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 83 % during the assessment. (Appendix 5 tab. 30).

#### **Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluro-herb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 23, 27, 28 DA-A. The effectiveness fluctuated from 48,35 – 80,48 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 32,5 % (13 DA-A) to 56,3 % (13 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,5 % (13 DA-A) to 91,3 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 37,5 % (13 DA-A) to 57,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 70,0 % (13 DA-A) to 90,8 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 80 % during the assessment. (Appendix 5 tab. 31).

#### **Plant (47-74 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea*

cyanus were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluro-herb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 47, 65, 74 DA-A. The effectiveness fluctuated from 45,27 – 90,37%.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 43,3 % (65 DA-A) to 47,5 % (47 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 87,5 % (74 DA-A) to 91,5 % (65 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 43,3 % (65 DA-A) to 51,3 % (47 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 88,8 % (74 DA-A) to 92,0 % (47 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 90 % during the assessment. (Appendix 5 tab. 32).

### **3.2.3-1.11 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of VERHE *Veronica hederifolia***

#### **Plant (13-27 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Veronica hederifolia* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 27 DA-A. The effectiveness fluctuated from 28,75 – 66,25 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 27,5 % (13 DA-A) to 30,0 % (27 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 55,0 % (13 DA-A) to 77,5 % (27 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 30,0 % (13, 27 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 51,3 % (13 DA-A) to 76,3 % (27 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 63 % during the assessment. (Appendix 5 tab. 33).

### **3.2.3-1.12 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of ANTAR *Anthemis arvensis***

#### **Plant (13-74 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 2 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 13, 23, 27, 47, 74 DA-A. The effectiveness fluctuated from 32,1 – 85,73 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (74 DA-A) to 38,8 % (13 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 75,8 % (23 DA-A) to 99,3 % (74 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (74 DA-A) to 38,8 % (13 DA-A), 0.5

L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,5 % (13 DA-A) to 100,0 % (74 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 84 % during the assessment. (Appendix 5 tab. 34).

#### **Plant (13-27 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 2 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 23, 27 DA-A. The effectiveness fluctuated from 32,2 – 79,58 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 30,0 % (13, 27 DA-A) to 38,8 % (13 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 75,8 % (23 DA-A) to 87,5 % (27 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 30,0 % (13, 23, 27 DA-A) to 38,8 % (13 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,5 % (13 DA-A) to 86,3 % (27 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 79 % during the assessment. (Appendix 5 tab. 35).

#### **Plant (47-74 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 2 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 47, 74 DA-A. The effectiveness fluctuated from 31,25 – 98,4 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (74 DA-A) to 37,5 % (47 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 96,8 % (47 DA-A) to 99,3 % (74 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (74 DA-A) to 38,8 % (47 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 96,8 % (47 DA-A) to 100,0 % (74 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 79 % during the assessment. (Appendix 5 tab. 36).

### **3.2.3-1.13 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of CAPBP *Capsella bursa-pastoris***

#### **Plant (13-42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Capsella bursa-pastoris* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 21, 27, 42 DA-A. The effectiveness fluctuated from 66,67 – 84,4 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (13 DA-A) to 95,0 % (42 DA-A), 0.5 L/ha +25



g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 73,8 % (13 DA-A) to 95,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 30,0 % (13 DA-A) to 95,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,5 % (13 DA-A) to 95,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 84 % during the assessment. (Appendix 5 tab. 37).

#### **Plant (13-27 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Capsella bursa-pastoris* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 21, 27 DA-A. The effectiveness fluctuated from 52,5 – 79,4 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (13 DA-A) to 77,5 % (21 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 73,8 % (13 DA-A) to 90,0 % (27 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 30,0 % (13, 27 DA-A) to 77,5 % (21 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 72,5 % (13 DA-A) to 90,0 % (27 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 79 % during the assessment. (Appendix 5 tab. 38).

#### **Plant (42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Capsella bursa-pastoris* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 42 DA-A. The effectiveness fluctuated from 94,4 – 95,0 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 95,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 93,8 % (42 DA-A) to 95,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 95,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 93,8 % (42 DA-A) to 95,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted up to 95 % during the assessment. (Appendix 5 tab. 39).

#### **Spring barley**

The 7 trials were carried out in winter wheat in 2020 and 2021. The herbicides CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B were applied once per season at the following rates of:

0.7 L/ha – postemergence application once a season, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG – postemergence application once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application

once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).  
The treatments were conducted at the growth stage BBCH 21-31.

### **3.2.3-1.14 The efficacy CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of AVEFA *Avena fatua***

#### **Plant, Panicle (13-66 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Avena fatua* were investigated in 4 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluro-herb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 13, 14, 21, 24, 28, 33, 42, 56, 62, 66 DA-A. The effectiveness fluctuated from 75,46 – 86,84 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 47,5 % (13 DA-A) to 100,0 % (62, 66 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 42,5 % (13 DA-A) to 99,0 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 35,0 % (14 DA-A) to 100,0 % (66 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 47,5 % (13 DA-A) to 100,0 % (62, 66 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 41,3 % (13 DA-A) to 95,0 % (42, 62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 30,0 % (14 DA-A) to 95,0 % (42, 62 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 86 % during the assessment. (Appendix 5 tab. 40).

#### **Plant ( 13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Avena fatua* were investigated in 4 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluro-herb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 21, 24, 28 DA-A. The effectiveness fluctuated from 58,35 – 71,92 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 47,5 % (13 DA-A) to 93,8 % (28 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 42,5 % (13 DA-A) to 90,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 35,0 % (14 DA-A) to 88,8 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 47,5 % (13 DA-A) to 93,8 % (28 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 41,3 % (13 DA-A) to 90,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 30,0 % (14 DA-A) to 88,8 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 71 % during the assessment. (Appendix 5 tab. 41).

#### **Plant ( 33-62 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Avena fatua* were investigated in 3 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluro-herb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 33, 42, 56, 62 DA-A. The effectiveness fluctuated from 92,5 – 98,2 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 95,0 % (56 DA-A) to 100,0 % (62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 90,0 % (56 DA-A) to 99,0 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 90,0 % (56 DA-A) to 99,0 % (33 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 95,0 % (56 DA-A) to

100,0 % (62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 90,0 % (56 DA-A) to 95,0 % (42,62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 90,0 % (56 DA-A) to 95,0% (42, 62 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 98 % during the assessment. (Appendix 5 tab. 42).

#### **Panicle, ear ( 42-66 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Avena fatua* were investigated in 4 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 42, 56, 62, 66 DA-A. The effectiveness fluctuated from 84,08 – 97,88 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 95,0 % (56 DA-A) to 100,0 % (62, 66 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 83,8 % (42 DA-A) to 97,5 % (66 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 70,0 % (42 DA-A) to 100,0 % (66 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 92,5 % (42 DA-A) to 100,0 % (62, 66 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 85,0 % (42 DA-A) to 95,0 % (62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 67,5 % (42 DA-A) to 95,0 % (62 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 97 % during the assessment. (Appendix 5 tab. 43).

### **3.2.3-1.15 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of CENCY *Centaurea cyanus***

#### **Plant ( 13-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 21, 24, 28, 33, 42, 56 DA-A. The effectiveness fluctuated from 65,71 – 81,99 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 42,5 % (13 DA-A) to 72,5 % (24, 33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (13 DA-A) to 95,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 43,8 % (13 DA-A) to 73,8 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 43,8 % (13 DA-A) to 95,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 81 % during the assessment. (Appendix 5 tab. 44).

#### **Plant ( 13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 21, 24, 28 DA-A. The effectiveness fluctuated from 61,88 – 75,35 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper

200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 42,5 % (13 DA-A) to 72,5 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (13 DA-A) to 88,8 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 43,8 % (13 DA-A) to 73,8 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 43,8 % (13 DA-A) to 88,8 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 75 % during the assessment. (Ap-pendix 5 tab. 45).

#### **Plant ( 33-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Centaurea cyanus* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 33, 42, 56 DA-A. The effectiveness fluctuated from 70,83 – 90,83 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 70,0 % (42, 56 DA-A) to 72,5 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 87,5% (33 DA-A) to 95,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 70,0 % (42, 56 DA-A) to 72,5 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 87,5 % (33 DA-A) to 95,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 75 % during the assessment. (Ap-pendix 5 tab. 46).

### **3.2.3-1.16 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of POLCO *Fallopia convolvulus***

#### **Plant ( 13-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Fallopia convolvulus* were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 13, 14, 24, 28, 33, 38, 42, 56 DA-A. The effectiveness fluctuated from 73,15 – 79,38 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 33,8 % (13 DA-A) to 90,0 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 98,8 % (28, 42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 35,0 % (13 DA-A) to 87,5 % (24, 33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (13 DA-A) to 100,0 % (28, 42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 79 % during the assessment. (Appendix 5 tab. 47).

#### **Plant ( 13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Fallopia convolvulus* were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha

Tristar 50 SG/Trimax 50 SG/Triben Super 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 24, 28 DA-A. The effectiveness fluctuated from 66,9 – 75,01 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 33,8 % (13 DA-A) to 85,0 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 98,8 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 35,0 % (13 DA-A) to 87,5 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (13 DA-A) to 100,0 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 75 % during the assessment. (Appendix 5 tab. 48).

#### **Plant (33-65 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Fallopia convolvulus* were investigated in 4 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 33, 38, 42, 56 DA-A. The effectiveness fluctuated from 85,35 – 88,13 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 81,3 % (42 DA-A) to 90,0 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 76,3 % (33 DA-A) to 98,8 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 83,8 % (42, 56 DA-A) to 87,5 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 75,0 % (33 DA-A) to 100,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 88 % during the assessment. (Appendix 5 tab. 49).

### **3.2.3-1.17 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of ANTAR *Anthemis arvensis***

#### **Plant ( 13-33 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Anthemis arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 24, 33 DA-A. The effectiveness fluctuated from 48,77 – 63,37 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 21,3 % (13 DA-A) to 70,0 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 83,8 % (33 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 20,0 % (13 DA-A) to 73,8 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 80,0 % (33 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 61 % during the assessment. (Appendix 5 tab. 50).

#### **Plant ( 13-24 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Anthemis arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 24 DA-A. The effectiveness fluctuated from 45,65 – 53,15 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 21,3 % (13 DA-A) to 70,0 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 75,0 % (24 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 20,0 % (13 DA-A) to 73,8 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 73,8 % (24 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 53 % during the assessment. (Appendix 5 tab. 51).

#### **Plant ( 33 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Anthemis arvensis* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 33 DA-A. The effectiveness fluctuated from 53,8 – 83,8 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 55,0 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 83,8 % (33 DA-A).

The effectiveness fluctuated CHR/H/FET 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 53,8 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 80,0 % (33 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 83 % during the assessment. (Appendix 5 tab. 52).

### **3.2.3-1.18 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of VIOAR *Viola arvensis***

#### **Plant (13-42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Anthemis arvensis* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 14, 24, 28, 33, 38, 42 DA-A. The effectiveness fluctuated from 38,64 – 62,37 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 17,5 % (14 DA-A) to 71,3 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 26,3 % (13 DA-A) to 97,5 % (14 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 20,0 % (14 DA-A) to 76,3 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 25,0 % (13 DA-A) to 97,5 % (14 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide

CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 62 % during the assessment. (Appendix 5 tab. 53).

#### **Plant (13-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Anthemis arvensis* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 14, 24, 28 DA-A. The effectiveness fluctuated from 37,32 – 59,42 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 17,5 % (14 DA-A) to 71,3 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 26,3 % (13 DA-A) to 97,5 % (14 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 20,0 % (14 DA-A) to 76,3 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 25,0 % (13 DA-A) to 97,5 % (14 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 59 % during the assessment. (Appendix 5 tab. 54).

#### **Plant (33-42 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Anthemis arvensis* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 33, 38, 42 DA-A. The effectiveness fluctuated from 41,3 – 68,33 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 18,8 % (38 DA-A) to 61,3 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 46,3 % (38 DA-A) to 78,8 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 23,8 % (38 DA-A) to 60,0 % (42 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 52,5 % (38 DA-A) to 80,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 59 % during the assessment. (Appendix 5 tab. 55).

### **3.2.3-1.19 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of CHEAL *Chenopodium album***

#### **Plant (13-38 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Chenopodium album* were investigated in 2 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 24, 33, 38 DA-A. The effectiveness fluctuated from 24,6 – 78,98 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 7,5 % (13 DA-A) to 33,8 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 95,0 % (14, 38 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 5,0 % (13 DA-A) to 40,0 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (13 DA-A) to 95,0 % (14, 38 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 78 % during the assessment. (Appendix 5 tab. 56).

#### **Plant (13-24 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Chenopodium album* were investigated in 2 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 13, 14, 24 DA-A. The effectiveness fluctuated from 22,2 – 72,53 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 7,5 % (13 DA-A) to 28,8 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 31,3 % (13 DA-A) to 95,0 % (14 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 5,0 % (13 DA-A) to 40,0 % (14 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 32,5 % (13 DA-A) to 95,0 % (14 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 72 % during the assessment. (Appendix 5 tab. 57).

#### **Plant (33-38 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Chenopodium album* were investigated in 2 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 33, 38 DA-A. The effectiveness fluctuated from 29,4 – 91,9 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 25,0 % (38 DA-A) to 33,8 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 88,8 % (33 DA-A) to 95,0 % (38 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 37,5 % (33 DA-A) to 40,0 % (38 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 87,5 % (33 DA-A) to 95,0 % (38 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 91 % during the assessment. (Appendix 5 tab. 58).

### **3.2.3-1.20 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of GASPA *Galinsoga parviflora***

#### **Plant (13-33 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Galinsoga parviflora* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 24, 33 DA-A. The effectiveness fluctuated from 61,27 – 62,1 %.



The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 27,5 % (13 DA-A) to 85,0 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 26,3 % (13 DA-A) to 87,5 % (33 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 27,5 % (13 DA-A) to 88,8 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 28,8 % (13 DA-A) to 87,5 % (33 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 61 % during the assessment. (Appendix 5 tab. 59).

#### **Plant (13-24 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Galinsoga parviflora* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 13, 24 DA-A. The effectiveness fluctuated from 48,15 – 49,40 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 27,5 % (13 DA-A) to 71,3 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 26,3 % (13 DA-A) to 72,5 % (24 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 27,5 % (13 DA-A) to 68,8 % (24 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 28,8 % (13 DA-A) to 67,5 % (24 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 49 % during the assessment. (Appendix 5 tab. 60).

#### **Plant (33 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Galinsoga parviflora* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 33 DA-A. The effectiveness fluctuated from 85,0 – 88,8 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 85,0 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 87,5 % (33 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 88,8 % (33 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 87,5 % (33 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 88 % during the assessment. (Appendix 5 tab. 61).

### **3.2.3-1.21 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of ECHCG *Echinochloa crus-galli***

#### **Plant, ear (14-62 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Echinochloa crus-galli* were investigated in 5 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/

Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 14, 21, 24, 28, 38, 42, 56, 62 DA-A. The effectiveness fluctuated from 84,8 – 90,32 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 55,0 % (14 DA-A) to 100,0 % (38, 42, 56, 62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 51,3 % (14 DA-A) to 100,0 % (38, 42, 62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 51,3 % (14 DA-A) to 100,0 % (38, 62 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 52,5 % (14 DA-A) to 100,0 % (38, 42 56, 62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 100,0 % (42, 62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 43,8 % (14 DA-A) to 100,0 % ( 62 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 90 % during the assessment. (Appendix 5 tab. 62).

#### **Plant (14-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Echinochloa crus-galli were investigated in 5 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 14, 21, 24, 28 DA-A. The effectiveness fluctuated from 75,21 – 81,45 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 55,0 % (14 DA-A) to 99,0 % (28 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 51,3 % (14 DA-A) to 99,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 51,3 % (14 DA-A) to 99,0 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 52,5 % (14 DA-A) to 99,0 % (28 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 99,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 43,8 % (14 DA-A) to 99,0 % ( 28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 81 % during the assessment. (Appendix 5 tab. 63).

#### **Plant (38-62 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Echinochloa crus-galli were investigated in 5 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 38, 42, 56, 62 DA-A. The effectiveness fluctuated from 92,75 – 98,58 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 92,5 % (56 DA-A) to 100,0 % (38, 42, 56, 62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 93,3 % (56 DA-A) to 100,0 % (38, 42, 62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 90,0 % (56 DA-A) to 100,0 % (38, 62 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 92,5 % (56 DA-A) to 100,0 % (38, 42, 56, 62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 80,0 % (38 DA-A) to 100,0 % (42, 62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 80,0 % (38 DA-A) to 100,0 % (62 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 98 % during the assessment. (Appendix 5 tab. 64).

#### **ear (56-62 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Echinochloa crus-galli were investigated in 4 trials. The tested product at rates: 0.7 L/ha, in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/

Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 56, 62 DA-A. The effectiveness fluctuated from 92,07 – 95,68 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: at rate 0.7 l/ha from 83,94 % (56 DA-A) to 100,0 % (56, 62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 81,04 % (56 DA-A) to 100,0 % (62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 83,64 % (56 DA-A) to 100,0 % (62 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: at rate 0.7 l/ha from 84,1 % (56 DA-A) to 100,0 % (56, 62 DA-A), in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 90,14% (56 DA-A) to 100,0 % (62 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 81,17 % (56 DA-A) to 100,0 % (62 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 95 % during the assessment. (Appendix 5 tab. 65).

### **3.2.3-1.22 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of GALAP *Galium aparine***

#### **Plant (14-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Galium aparine* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 14, 28, 56 DA-A. The effectiveness fluctuated from 69,55 – 89,99 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 55,0 % (14 DA-A) to 99,0 % (28, 56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 53,8 % (14 DA-A) to 82,5 % (28, 56 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 55,0 % (14 DA-A) to 99,0 % (28, 56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 56,3 % (14 DA-A) to 83,8 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 89 % during the assessment. (Appendix 5 tab. 66).

#### **Plant (14-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Galium aparine* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to high level of efficacy 14, 28 DA-A. The effectiveness fluctuated from 68,52 – 86,12 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 55,0 % (14 DA-A) to 99,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 53,8 % (14 DA-A) to 82,5 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 55,0 % (14 DA-A) to 99,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 56,3 % (14 DA-A) to 83,8 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 86 % during the assessment. (Appendix 5 tab. 67).

#### **Plant (56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Galium aparine were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 56 DA-A. The effectiveness fluctuated from 71,27 – 96,83 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 95,0 % (56 DA-A) to 99,0 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 60,0 % (56 DA-A) to 82,5 % (56 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 95,0 % (56 DA-A) to 99,0 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 60,0 % (56 DA-A) to 82,5 % (56 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 96,0 % during the assessment. (Appendix 5 tab. 68).

#### **3.2.3-1.23 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of MATIN *Tripleurospermum inodorum***

##### **Plant (14-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Tripleurospermum inodorum were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 14, 28, 42, 56 DA-A. The effectiveness fluctuated from 71,27 – 81,69 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 86,3 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 42,5 % (14 DA-A) to 100,0 % (14, 28, 42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 47,5 % (14 DA-A) to 82,5 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (14 DA-A) to 100,0 % (14, 28, 42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 81 % during the assessment. (Appendix 5 tab. 69).

##### **Plant (14-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Tripleurospermum inodorum were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low to medium level of efficacy 14, 28 DA-A. The effectiveness fluctuated from 67,52 – 79,6 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 82,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 42,5 % (14 DA-A) to 100,0 % (14, 28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 47,5 % (14 DA-A) to 82,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (14 DA-A) to 100,0 % (14, 28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide

CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 79 % during the assessment. (Appendix 5 tab. 70).

#### **Plant (42-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of Tripleurospermum inodorum were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 42, 56 DA-A. The effectiveness fluctuated from 75,87 – 86,70 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 67,5 % (56 DA-A) to 86,3 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 76,3 % (56 DA-A) to 100,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 63,8 % (56 DA-A) to 82,5 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 76,3 % (56 DA-A) to 100,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 86 % during the assessment. (Appendix 5 tab. 71).

### **3.2.3-1.24 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of STEME *Stellaria media***

#### **Plant (14-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Stellaria media* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 14, 21, 28, 42, 56 DA-A. The effectiveness fluctuated from 89,11 – 90,54 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 53,8 % (14 DA-A) to 99,0 % (28, 56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 56,3 % (14 DA-A) to 100,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 56,3 % (14 DA-A) to 99,0 % (28, 56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 53,8 % (14 DA-A) to 100,0 % (14, 28, 42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 90 % during the assessment. (Appendix 5 tab. 72).

#### **Plant (14-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Stellaria media* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium to high level of efficacy 14, 21, 28 DA-A. The effectiveness fluctuated from 84,38 – 85,26 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 53,8 % (14 DA-A) to 99,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 56,3 % (14 DA-A) to 99,0 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha

Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 56,3 % (14 DA-A) to 99,0 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 53,8 % (14 DA-A) to 99,0 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 85 % during the assessment. (Appendix 5 tab. 73).

#### **Plant (42-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Stellaria media* were investigated in 3 trials. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the high level of efficacy 42, 56 DA-A. The effectiveness fluctuated from 96,77 – 99,33 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 95,0 % (42 DA-A) to 99,0 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 99,0 % (56 DA-A) to 100,0 % (42 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 95,0 % (42 DA-A) to 99,0 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 98,3 % (56 DA-A) to 100,0 % (42 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 99 % during the assessment. (Appendix 5 tab. 74).

### **3.2.3-1.25 The efficacy of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of LAMPU *Lamium purpureum***

#### **Plant (14-56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Lamium purpureum* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 14, 28, 56 DA-A. The effectiveness fluctuated from 70,43 – 70,87 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 83,8 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (14 DA-A) to 83,8 % (28, 56 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 85,0 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (14 DA-A) to 85,0 % (56 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 70 % during the assessment. (Appendix 5 tab. 75).

#### **Plant (14-28 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Lamium purpureum* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the low level of efficacy 14, 28 DA-A. The effectiveness fluctuated from 63,15 – 64,4 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 82,5 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (14 DA-A) to 83,3 % (28 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC from 45,0 % (14 DA-A) to 81,3 % (28 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG from 45,0 % (14 DA-A) to 82,5 % (28 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted above 64 % during the assessment. (Appendix 5 tab. 76).

#### **Plant (56 DA-A)**

The efficiency of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in control of *Lamium purpureum* was investigated in 1 trial. The tested product at rates in tank mixture: 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC controlled this species of weed at the medium level of efficacy 56 DA-A. The effectiveness fluctuated from 83,8 – 85,0 %.

The effectiveness fluctuated CHR/H/FET 110 EC Part A: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 83,8 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 83,8 % (56 DA-A).

The effectiveness fluctuated CHR/H/FETEC 110 EC Part B: in tank mixture at rate: 0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC up to 85,0 % (56 DA-A), 0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG up to 85,0 % (56 DA-A).

The efficacy of the tested herbicide CHR/H/FETEC 110 EC Part B was comparable with the herbicide CHR/H/FET 110 EC Part A. In the trials efficacy amounted up to 85,0 % during the assessment. (Appendix 5 tab. 77).

**The field trials were conducted in winter wheat and spring barley against monocotyledonous and dicotyledonous weeds (used solo for control monocotyledonous weeds/grass weeds, used in mixture for control dicotyledonous weeds and monocotyledonous/grass weeds). The efficacy of the tested herbicides CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B ( both formulation) was comparable to the control most important monocotyledonous and dicotyledonous weeds. Based on the presented research, it can be concluded that the product CHR/H/FETEC 110 EC Part B ( new formulation – part B ) will also be effective in weed control in winter triticale, winter barley and spring wheat cultivation. The full research package trials were conducted for product CHR/H/FET 110 EC Part A in winter cereals and spring cereals. All efficacy and selectivity data were evaluated in the core dossier for CHR/H/FET 110 EC (Fenoxinn 110 EC/Herbos 110 EC/ Monarchi 110 E) authorized decision (R - 145/2016 date 16.06.2016 recently changed by decision R - 752/2021d date 29.11.2021 r.; R - 167/2016 date 01.08.2016 recently changed by decision R - 752/2021d date 29.11.2021; R - 186/2016 date 19.08.2016 r. recently changed by decision R - 752/2021d date 29.11.2021).**

Taking into account the specificity of the active ingredient fenoxaprop-P-ethyl which is contained in the product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B, the third/last assessment was taken into account for the classification.

#### **Conclusions on the biological efficacy**

The obtained data in performed trials show that CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B provides benefits against the most important weeds in winter wheat and spring barley as shown in the tables below.

The following table describes the effectiveness of weeds:

S (Susceptible)	> 85% (within each trial the average must be higher than 85%)
MS (Moderately Susceptible)	70 – 85%
MT (Moderately Tolerant )	60 – 70%
T (Tolerant)	< 60%

The following table shows the average sensitivity of weeds in winter wheat:

**Product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B:**

**Used solo for control monocotyledonous weeds at rate:**

**CHR/H/FET 110 EC Part A at rate 0.7 L/ha**

Susceptible: *Alopecurus myosuroides* (ALOMY), *Apera spica-venti* (APESV)

**CHR/H/FETEC 110 EC Part B at rate 0.7 L/ha**

Susceptible: *Alopecurus myosuroides* (ALOMY), *Apera spica-venti* (APESV)

**Used in mixture with Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – 0.40 L/ha for control dicotyledonous and monocotyledonous weeds at rate:**

**CHR/H/FET 110 EC - Part A 0.5 L/ha + Galaper 200 EC 0.4 L/ha**

Susceptible: *Alopecurus myosuroides* (ALOMY), *Veronica persica* (VERPE), *Stellaria media* (STEME), *Apera spica-venti* (APESV), *Capsella bursa-pastoris* (CAPBP)

Moderately Susceptible: *Consolida regalis* (CNSRE)

Moderately Tolerant: *Buglossoides arvensis* (LITAR), *Brassica napus* (BRSNW)

Tolerant: *Papaver rhoeas* (PAPRH), *Viola arvensis* (VIOAR), *Centaurea cyanus* (CENCY), *Veronica hederifolia* (VERHE), *Anthemis arvensis* (ANTAR)

**CHR/H/FETEC 110 EC Part B at rate 0.5 L/ha + Galaper 200 EC 0.4 L/ha**

Susceptible: *Veronica persica* (VERPE), *Stellaria media* (STEME), *Apera spica-venti* (APESV), *Capsella bursa-pastoris* (CAPBP)

Moderately Susceptible: *Alopecurus myosuroides* (ALOMY), *Consolida regalis* (CNSRE)

Moderately Tolerant: *Buglossoides arvensis* (LITAR), *Brassica napus* (BRSNW)

Tolerant: *Papaver rhoeas* (PAPRH), *Viola arvensis* (VIOAR), *Centaurea cyanus* (CENCY), *Veronica hederifolia* (VERHE), *Anthemis arvensis* (ANTAR)

**Used in mixture with Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG 0.025 kg/ha for control dicotyledonous and monocotyledonous weeds at rate:**

**CHR/H/FET 110 EC - Part A 0.5 L/ha + Tristar 50 SG 0.025 kg/ha**

Susceptible: *Papaver rhoeas* (PAPRH), *Stellaria media* (STEME), *Brassica napus* (BRSNW), *Centaurea cyanus* (CENCY), *Anthemis arvensis* (ANTAR), *Capsella bursa-pastoris* (CAPBP)



Moderately Susceptible: *Alopecurus myosuroides* (ALOMY), *Veronica persica* (VERPE), *Viola arvensis* (VIOAR), *Consolida regalis* (CNSRE), *Apera spica-venti* (APESV), *Buglossoides arvensis* (LITAR)

Moderately Tolerant: *Veronica hederifolia* (VERHE)

#### **CHR/H/FETEC 110 EC - Part B 0.5 L/ha + Tristar 50 SG 0.025 kg/ha**

Susceptible: *Papaver rhoeas* (PAPRH), *Stellaria media* (STEME), *Brassica napus* (BRSNW), *Centaurea cyanus* (CENCY), *Anthemis arvensis* (ANTAR), *Capsella bursa-pastoris* (CAPBP)

Moderately Susceptible: *Alopecurus myosuroides* (ALOMY), *Veronica persica* (VERPE), *Viola arvensis* (VIOAR), *Consolida regalis* (CNSRE), *Apera spica-venti* (APESV), *Buglossoides arvensis* (LITAR)

Moderately Tolerant: *Veronica hederifolia* (VERHE)

**The following table shows the average sensitivity of weeds in spring barley:**

#### **Product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B:**

**Used solo for control monocotyledonous weeds at rate:**

##### **CHR/H/FET 110 EC Part A at rate 0.7 L/ha**

Susceptible: *Avena fatua* (AVEFA), *Echinochloa crus-galli* (ECHCG)

##### **CHR/H/FETEC 110 EC Part B at rate 0.7 L/ha**

Susceptible: *Avena fatua* (AVEFA), *Echinochloa crus-galli* (ECHCG)

**Used in mixture with Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – 0.40 L/ha for control dicotyledonous and monocotyledonous weeds at rate:**

##### **CHR/H/FET 110 EC - Part A 0.5 L/ha + Galaper 200 EC 0.4 L/ha**

Susceptible: *Avena fatua* (AVEFA), *Fallopia convolvulus* (POLCO), *Echinochloa crus-galli* (ECHCG), *Galium aparine* (GALAP), *Stellaria media* (STEME),

Moderately Susceptible: *Centaurea cyanus* (CENCY), *Galinsoga parviflora* (GASPA), *Tripleurospermum inodorum* (MATIN), *Lamium purpureum* (LAMPU)

Tolerant: *Anthemis arvensis* (ANTAR), *Viola arvensis* (VIOAR), *Chenopodium album* (CHEAL)

##### **CHR/H/FETEC 110 EC - Part B 0.5 L/ha + Galaper 200 EC 0.4 L/ha**

Susceptible: *Avena fatua* (AVEFA), *Fallopia convolvulus* (POLCO), *Galinsoga parviflora* (GASPA), *Echinochloa crus-galli* (ECHCG), *Galium aparine* (GALAP), *Stellaria media* (STEME),

Moderately Susceptible: *Centaurea cyanus* (CENCY), *Tripleurospermum inodorum* (MATIN), *Lamium purpureum* (LAMPU)

Tolerant: *Anthemis arvensis* (ANTAR), *Viola arvensis* (VIOAR), *Chenopodium album* (CHEAL)

**Used in mixture with Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG 0.025 kg/ha for control dicotyledonous and monocotyledonous weeds at rate:**

##### **CHR/H/FET 110 EC - Part A 0.5 L/ha + Tristar 50 SG 0.025 kg/ha**

Susceptible: *Avena fatua* (AVEFA), *Centaurea cyanus* (CENCY), *Fallopia convolvulus* (POLCO), *Chenopodium album* (CHEAL), *Galinsoga parviflora* (GASPA), *Echinochloa crus-galli* (ECHCG), *Tripleurospermum inodorum* (MATIN), *Stellaria media* (STEME)

Moderately Susceptible: *Anthemis arvensis* (ANTAR), *Galium aparine* (GALAP), *Lamium purpureum* (LAMPU)

Moderately Tolerant: *Viola arvensis* (VIOAR)

#### CHR/H/FETEC 110 EC - Part B 0.5 L/ha + Tristar 50 SG 0.025 kg/ha

Susceptible: *Avena fatua* (AVEFA), *Centaurea cyanus* (CENCY), *Fallopia convolvulus* (POLCO), *Chenopodium album* (CHEAL), *Galinsoga parviflora* (GASPA), *Echinochloa crus-galli* (ECHCG), *Tripleurospermum inodorum* (MATIN), *Stellaria media* (STEME)

Moderately Susceptible: *Anthemis arvensis* (ANTAR), *Galium aparine* (GALAP), *Lamium purpureum* (LAMPU)

Moderately Tolerant: *Viola arvensis* (VIOAR)

Analyzing the results it can be concluded that product CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B has very good efficacy to control main monocotyledonous weeds and used in mixture with Tristar 50 SG, Galaper 200 EC for control dicotyledonous. The effectiveness of both formulations is comparable.

**Table 3.2-1: Efficacy of product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B at the timing of assessment**

**Winter wheat - assessment efficacy 2-4 weeks after treatment**

Target	Product at rate	Num- ber of trials	Infestation in the untreated control (unit)		% con- trol			No of tri- als where product is >, <, = com- pared to stand- ard(s)**
					CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B at rate			
			Mean	Min & Max	Mean	Min	Max	
<i>Alopecurus myosu- roides</i> - plant	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	92,66	25 & 136,25	79,74	57,50	95,30	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				79,63	60,00	93,80	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				71,11	51,30	86,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				69,86	50,00	83,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				67,83	50,00	85,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				68,46	52,50	83,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Papaver rhoeas</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	7	5 & 12				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							

	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				16,89	0,00	56,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				16,89	0,00	55,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				79,83	55,00	90,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				79,49	60,00	90,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Veronica persica</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	10	10 & 10				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				68,15	48,80	87,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				68,15	50,00	86,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				46,90	36,30	57,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				46,90	37,50	56,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Stellaria media</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	7,17	5 & 10				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				80,58	60,00	100,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				80,38	58,80	100,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				81,83	62,50	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				81,85	61,30	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Viola arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	10,67	5 & 17				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				35,97	23,80	60,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				36,60	25,00	58,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				59,90	18,80	81,30	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				59,90	18,80	82,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Consolida regalis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				50,65	43,80	57,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				49,40	42,50	56,30	

	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				63,75	50,00	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				61,90	48,80	75,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Apera spica-venti</i> - plant	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	5	26	10 & 42	68,73	43,80	86,30	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				67,86	45,00	82,50	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				60,68	33,30	77,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				61,74	35,00	77,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				60,09	32,50	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				60,26	32,50	77,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Buglossoides arven-</i> <i>sis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				67,25	67,00	67,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				68,90	68,30	69,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				74,65	72,00	77,30	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				75,65	74,00	77,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Brassica napus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				61,00	60,00	62,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				63,30	60,80	65,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				91,00	84,00	98,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				91,50	85,00	98,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Centaurea cyanus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	6	5 & 8				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				48,35	32,50	56,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				51,07	37,50	57,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				80,48	72,50	91,30	
	5. Tristar 50 SG 0,025 kg/ha							

	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				80,27	70,00	90,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Veronica hederifolia</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				28,75	27,50	30,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				30,00	30,00	30,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				66,25	55,00	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				63,80	51,30	76,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Anthemis arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	5	5 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				32,83	30,00	38,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				32,20	30,00	38,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				79,58	75,80	87,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				77,70	72,50	86,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Capsella bursa-pastoris</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	5,75	5 & 8				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				52,50	25,00	77,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				53,75	30,00	77,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				79,40	73,80	90,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				79,08	72,50	90,00	
	6. Tristar 50 SG 0,025 kg/ha							

\* A, B, C can be a “trial group” (as defined in page 10, e.g. EPPO climatic zone A) or a specific target (e.g. weed A, weed B...). In order to adapt the table to the data presented, it is possible:

- to add lines or columns,

- to duplicate the table (e.g. one table for “trial group 1”, one table for “trial group 2”, one table for “all”).

\*\* Optional

### Winter wheat - assessment efficacy after heading of grass weeds and flowering of dicots

Target	Product at rate	Number of trials	Infestation in the untreated control (unit)		% control			No of trials where product is >, <, = compared to stand-ard(s)**
					CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B at rate			
			Mean	Min & Max	Mean	Min	Max	
<i>Alopecurus myosu-roides - plant</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	117,25	92 & 142	96,40	93,80	99,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				94,25	92,50	96,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				87,55	86,30	88,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,40	83,80	85,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				86,30	83,80	88,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				85,65	85,00	86,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Alopecurus myosu-roides - ear, panicle</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	265,1	100 & 495,3	95,67	88,80	99,21	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				94,75	87,50	99,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				84,56	77,50	90,18	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,97	76,30	89,82	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				79,64	70,00	91,43	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				79,86	74,30	88,97	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Papaver rhoeas</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	7	5 & 12				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				24,38	0,00	65,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				24,38	0,00	65,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				94,15	88,80	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				93,50	87,50	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Veronica persica</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	10	10 & 10				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				88,80	88,80	88,80	

	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				87,50	87,50	87,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				77,50	77,50	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				76,30	76,30	76,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Stellaria media</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	7,5	5 & 10				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				93,15	83,80	100,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				93,15	83,80	100,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				97,83	91,30	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				98,33	93,30	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Viola arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	13,5	10 & 17				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				54,55	35,30	73,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				53,90	35,30	72,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				76,65	72,00	81,30	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				76,65	73,30	80,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Consolida regalis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				77,50	77,50	77,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				76,30	76,30	76,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				80,00	80,00	80,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				77,50	77,50	77,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Apera spica-venti - plant</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	12,5	10 & 15	100,00	100,00	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				100,00	100,00	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				95,00	95,00	95,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				95,00	95,00	95,00	
	4. Galaper 200 EC 0,4 l/ha							

	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				94,40	93,80	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				94,40	93,80	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Apera spica-venti</i> - ear, panicle	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	5	71,2	28 & 188	83,56	61,50	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				82,92	63,30	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				75,16	45,80	95,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				76,72	49,80	95,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				68,48	37,80	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				67,32	35,30	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Buglossoides arven-</i> <i>sis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				62,00	62,00	62,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				63,30	63,30	63,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				77,50	77,50	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				78,80	78,80	78,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Brassica napus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				61,80	61,80	61,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				61,80	61,80	61,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				100,00	100,00	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				100,00	100,00	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Centaurea cyanus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	5,33	5 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				45,27	43,30	47,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				46,53	43,30	51,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				89,50	87,50	91,50	
	5. Tristar 50 SG 0,025 kg/ha							



	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				90,37	88,80	92,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Veronica hederifolia</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				28,75	27,50	30,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				30,00	30,00	30,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				66,25	55,00	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				63,80	51,30	76,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Anthemis arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	5,5	5 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				31,25	25,00	37,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				31,90	25,00	38,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				98,05	96,80	99,30	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				98,40	96,80	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Capsella bursa-pastoris</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	6,5	5 & 8				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				95,00	95,00	95,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				95,00	95,00	95,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				94,40	93,80	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				94,40	93,80	95,00	
	6. Tristar 50 SG 0,025 kg/ha							

\* A, B, C can be a “trial group” (as defined in page 10, e.g. EPPO climatic zone A) or a specific target (e.g. weed A, weed B...). In order to adapt the table to the data presented, it is possible:

- to add lines or columns,

- to duplicate the table (e.g. one table for “trial group 1”, one table for “trial group 2”, one table for “all”).

\*\* Optional

**Winter wheat - assessment efficacy after 2-4 weeks after treatment to heading of grass weeds and flowering of dicots**

Target	Product at rate	Number of trials	Infestation in the untreated control (unit)		% control			No of trials where product is >, <, = compared to stand-ard(s)**
					CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B at rate			
			Mean	Min & Max	Mean	Min	Max	
<i>Alopecurus myosuroides</i> - plant, ear, panicle	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	136,23	25 & 495,3	85,98	57,50	99,21	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				85,37	60,00	99,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				76,74	51,30	90,18	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				75,59	50,00	89,82	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				73,39	50,00	91,43	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				73,74	52,50	88,97	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Papaver rhoeas</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	7	5 & 12				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				19,38	0,00	65,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				19,38	0,00	65,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				84,60	55,00	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,16	60,00	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Veronica persica</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	10	10 & 10				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				75,03	48,80	88,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				74,60	50,00	87,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				57,10	36,30	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				56,70	37,50	76,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Stellaria media</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	7,3	5 & 10				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				85,61	60,00	100,00	

	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				85,49	58,80	100,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				88,23	62,50	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				88,44	61,30	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Viola arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	11,38	5 & 17				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				40,61	23,80	73,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				40,93	25,00	72,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				64,09	18,80	81,30	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				64,09	18,80	82,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Consolida regalis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				59,60	43,80	77,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				58,37	42,50	76,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				69,17	50,00	80,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				67,10	48,80	77,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Apera spica-venti - plant, ear, panicle</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	5	36,12	10 & 188	80,45	43,80	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				79,85	45,00	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				73,01	33,30	95,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				73,97	35,00	95,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				70,63	32,50	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				70,37	32,50	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Buglossoides arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				65,50	62,00	67,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				67,03	63,30	69,50	

	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				75,60	72,00	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				76,70	74,00	78,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Brassica napus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				61,27	60,00	62,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				62,80	60,80	65,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				94,00	84,00	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				94,33	85,00	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Centaurea cyanus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	5,78	5 & 8				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				47,32	32,50	56,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				49,56	37,50	57,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				83,49	72,50	91,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				83,63	70,00	92,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Veronica hederifolia</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				28,75	27,50	30,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				30,00	30,00	30,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				66,25	55,00	77,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				63,80	51,30	76,30	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Anthemis arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	5,5	5 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				32,30	25,00	38,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				32,10	25,00	38,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				85,73	75,80	99,30	
	5. Tristar 50 SG 0,025 kg/ha							

	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,60	72,50	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Capsella bursa-pastoris</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	6	5 & 8				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				66,67	25,00	95,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				67,50	30,00	95,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				84,40	73,80	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,18	72,50	95,00	
	6. Tristar 50 SG 0,025 kg/ha							

- \* A, B, C can be a “trial group” (as defined in page 10, e.g. EPPO climatic zone A) or a specific target (e.g. weed A, weed B...). In order to adapt the table to the data presented, it is possible:
- to add lines or columns,
  - to duplicate the table (e.g. one table for “trial group 1”, one table for “trial group 2”, one table for “all”).
- \*\* Optional

### Spring barley - assessment efficacy 2-4 weeks after treatment

Target	Product at rate	Number of trials	Infestation in the untreated control (unit)		% control			No of trials where product is >, <, = compared to standard(s)**
					CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B at rate			
			Mean	Min & Max	Mean	Min	Max	
Avena fatua - plant	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	13,67	5 & 20	71,92	47,50	93,80	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				71,48	47,50	93,80	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				64,38	42,50	90,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				64,18	41,30	90,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				60,85	35,00	88,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				58,35	30,00	88,80	
	6. Tristar 50 SG 0,025 kg/ha							
Centaurea cyanus	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	5,75	5 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				61,88	42,50	72,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				62,53	43,80	73,80	
	4. Galaper 200 EC 0,4 l/ha							

	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				73,78	45,00	88,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				75,35	43,80	88,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Fallopia convolvulus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	9,04	5 & 15				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				66,90	33,80	85,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				68,63	35,00	87,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				72,69	31,30	98,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				75,01	32,50	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Anthemis arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				45,65	21,30	70,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				46,90	20,00	73,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				53,15	31,30	75,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				52,55	31,30	73,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Viola arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	11,33	8 & 15				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				37,32	17,50	71,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				39,80	20,00	76,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				59,42	26,30	97,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				59,38	25,00	97,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Chenopodium album</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				22,20	7,50	28,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				27,83	5,00	40,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				72,53	31,30	95,00	

	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				72,40	32,50	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Galinsoga parviflora</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				49,40	27,50	71,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				48,15	27,50	68,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				49,40	26,30	72,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				48,15	28,80	67,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Echinochloa crus-galli - plant</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	5	15,08	5 & 25	81,45	55,00	99,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				80,20	52,50	99,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				78,43	51,30	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				76,30	45,00	99,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				78,81	51,30	99,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				75,21	43,80	99,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Galium aparine</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	9,26	7 & 13,3				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				85,80	55,00	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				86,12	55,00	99,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				69,52	53,80	82,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				68,52	56,30	83,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Tripleurospermum inodorum</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	8,63	6 & 15				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				67,93	45,00	82,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				67,52	47,50	82,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				78,97	42,50	100,00	
	5. Tristar 50 SG 0,025 kg/ha							

	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				79,60	45,00	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Stellaria media</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	9,86	6 & 14,3				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				84,38	53,80	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,72	56,30	99,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				85,26	56,30	99,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,78	53,80	99,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Lamium purpureum</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	12,65	11,8 & 13,5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				63,75	45,00	82,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				63,15	45,00	81,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				64,40	45,00	83,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				63,75	45,00	82,50	
	6. Tristar 50 SG 0,025 kg/ha							

\* A, B, C can be a “trial group” (as defined in page 10, e.g. EPPO climatic zone A) or a specific target (e.g. weed A, weed B...). In order to adapt the table to the data presented, it is possible:

- to add lines or columns,
- to duplicate the table (e.g. one table for “trial group 1”, one table for “trial group 2”, one table for “all”).

\*\* Optional

### Spring barley - assessment efficacy after heading of grass weeds and flowering of dicots

Target	Product at rate	Number of trials	Infestation in the untreated control (unit)		% control			No of trials where product is >, <, = compared to stand-ard(s)**
					CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B at rate			
			Mean	Min & Max	Mean	Min	Max	
<i>Avena fatua</i> - plant	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	10	5 & 13	98,20	95,00	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				98,20	95,00	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				94,75	90,00	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				93,13	90,00	95,00	



	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				94,75	90,00	99,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				92,50	90,00	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Avena fatua - panicle/ear</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	34	17 & 68	97,88	95,00	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				96,88	92,50	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				91,58	83,80	97,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				89,38	85,00	95,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				88,75	70,00	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,08	67,50	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Centaurea cyanus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	5,67	5 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				70,83	70,00	72,50	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				70,83	70,00	72,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				90,83	87,50	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				90,83	87,50	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Fallopia convolvulus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	9	5 & 15				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				85,65	81,30	90,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				85,35	83,80	87,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				85,98	76,30	98,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				88,13	75,00	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Anthemis arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				55,00	55,00	55,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				53,80	53,80	53,80	
	4. Galaper 200 EC 0,4 l/ha							

	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				83,80	83,80	83,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				80,00	80,00	80,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Viola arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	11,33	8 & 15				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				41,30	18,80	61,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				42,93	23,80	60,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				65,87	46,30	78,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				68,33	52,50	80,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Chenopodium album</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				29,40	25,00	33,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				38,75	37,50	40,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				91,90	88,80	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				91,25	87,50	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Galinsoga parviflora</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				85,00	85,00	85,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				88,80	88,80	88,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				87,50	87,50	87,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				87,50	87,50	87,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Echinochloa crus-galli - plant</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	5	14,22	5 & 33	98,58	92,50	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				98,58	92,50	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				97,88	93,30	100,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				94,63	80,00	100,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				96,30	90,00	100,00	

	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				92,75	80,00	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Echinochloa crus-galli - panicle/ear</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	67,15	12,3 & 218,0	95,68	83,94	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				95,68	84,10	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				93,39	81,04	100,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				95,41	90,14	100,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				92,50	83,64	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				92,07	81,17	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Galium aparine</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	9,77	7 & 13,8				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				96,83	95,00	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				96,43	95,00	99,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				74,60	60,00	82,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				71,27	60,00	82,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Tripleurospermum inodorum</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	9,77	6 & 16,3				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				77,93	67,50	86,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				75,87	63,80	82,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				86,70	76,30	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				85,87	76,30	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Stellaria media</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	10,67	6 & 17				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				97,00	95,00	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				96,77	95,00	99,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				99,33	99,00	100,00	
	5. Tristar 50 SG 0,025 kg/ha							

	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				99,10	98,30	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Lamium purpureum</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	16	16 & 16				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				83,80	83,80	83,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				85,00	85,00	85,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				83,80	83,80	83,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				85,00	85,00	85,00	
	6. Tristar 50 SG 0,025 kg/ha							

- \* A, B, C can be a “trial group” (as defined in page 10, e.g. EPPO climatic zone A) or a specific target (e.g. weed A, weed B...). In order to adapt the table to the data presented, it is possible:
- to add lines or columns,
  - to duplicate the table (e.g. one table for “trial group 1”, one table for “trial group 2”, one table for “all”).
- \*\* Optional

### Spring barley - assessment efficacy after 2-4 weeks after treatment to heading of grass weeds and flowering of dicots

Target	Product at rate	Number of trials	Infestation in the untreated control (unit)		% control			No of trials where product is >, <, = compared to standard(s)**
					CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B at rate			
			Mean	Min & Max	Mean	Min	Max	
<i>Avena fatua</i> - plant, panicle/ear	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	18,43	5 & 68	86,84	47,50	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				86,37	47,50	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				80,83	42,50	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				79,65	41,30	95,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				78,51	35,00	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				75,46	30,00	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Centaurea cyanus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	5,71	5 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				65,71	42,50	72,50	

	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				66,09	43,80	73,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				81,09	45,00	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				81,99	43,80	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Fallopia convolvulus</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	4	9,03	5 & 15				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				73,15	33,80	90,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				74,20	35,00	87,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				77,12	31,30	98,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				79,38	32,50	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Anthemis arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				48,77	21,30	70,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				49,20	20,00	73,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				63,37	31,30	83,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				61,70	31,30	80,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Viola arvensis</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	11,33	8 & 15				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				38,64	17,50	71,30	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				40,84	20,00	76,30	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				61,57	26,30	97,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				62,37	25,00	97,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Chenopodium album</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	2	6	6 & 6				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				24,60	7,50	33,80	
	3. Galaper 200 EC 0,4 l/ha							

	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				31,47	5,00	40,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				78,98	31,30	95,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				78,68	32,50	95,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Galinsoga parviflora</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	5	5 & 5				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				61,27	27,50	85,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				61,70	27,50	88,80	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				62,10	26,30	87,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				61,27	28,80	87,50	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Echinochloa crus-galli - plant, panicle/ear</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	5	26,36	5 & 218	90,32	55,00	100,00	
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha				89,77	52,50	100,00	
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				88,24	51,30	100,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				86,66	45,00	100,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				87,68	51,30	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				84,80	43,80	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Galium aparine</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	9,45	7 & 13,8				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				89,94	55,00	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				89,99	55,00	99,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				71,43	53,80	82,50	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				69,55	56,30	83,80	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Tripleurospermum inodorum</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	9,01	6 & 16,3				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				71,27	45,00	86,30	
	3. Galaper 200 EC 0,4 l/ha							

	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				70,30	47,50	82,50	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				81,54	42,50	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				81,69	45,00	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Stellaria media</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	3	9,86	6 & 17,0				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				89,11	53,80	99,00	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				89,24	56,30	99,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				90,54	56,30	100,00	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				90,15	53,80	100,00	
	6. Tristar 50 SG 0,025 kg/ha							
<i>Lamium purpureum</i>	1. CHR/H/FET 110 EC - Part A 0,7 l/ha	1	13,77	11,8 & 16,0				
	2. CHR/H/FETEC 110 EC - Part B 0,7 l/ha							
	3. CHR/H/FET 110 EC - Part A 0,5 l/ha				70,43	45,00	83,80	
	3. Galaper 200 EC 0,4 l/ha							
	4. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				70,43	45,00	85,00	
	4. Galaper 200 EC 0,4 l/ha							
	5. CHR/H/FET 110 EC - Part A 0,5 l/ha				70,87	45,00	83,80	
	5. Tristar 50 SG 0,025 kg/ha							
	6. CHR/H/FETEC 110 EC - Part B 0,5 l/ha				70,83	45,00	85,00	
	6. Tristar 50 SG 0,025 kg/ha							

- \* A, B, C can be a “trial group” (as defined in page 10, e.g. EPPO climatic zone A) or a specific target (e.g. weed A, weed B...). In order to adapt the table to the data presented, it is possible:  
- to add lines or columns,  
- to duplicate the table (e.g. one table for “trial group 1”, one table for “trial group 2”, one table for “all”).
- \*\* Optional

## Crop(s) 2 / Target(s) 2

Not applicable

## Minor use

Not applicable

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

Not applicable

**Table 3.2-2: Yield (quality) effect of product in efficacy trials on crop \* target 1**

Not applicable

### Summary and conclusion

Not applicable

Study Comments: 3.2.3 dRR point 3.2.3									
<p>EN: Evaluator conclusion:</p> <p>The applicant submitted 15 trials carried out in 2020, 2021 in winter wheat (8 trials, BBCH 25-32, varieties: Apostel, Arkadia, RGT Specialist Bogatka, Hondia, Julius) and spring barley (7 trials, BBCH 21-31, varieties: Soldo, Ella, Podarek, Iron, Orphelia, Avatar, Boomerang) in different regions of Poland. What is more, the Applicant presented also RRs as a separated documents, for the CHR/H/FET 110 EC Part A (the former formulation of authorized product) from 2016 and 2020. In the 2016 dossier, it was evaluated application of the product in a mixture with both herbicides (Tristar 50 SG plus Galaper 200 EC), while in the bridging dossier we have had an application of the product separately in a mixture with Tristar 50 SG and separately in a mixture with Galaper 200 EC. Hence, such application does not fall within the scope of the bridging study. Therefore, the use of the product in mixtures was evaluated on the basis of the submitted trials, and the evaluation was reflected in the opinion and on the label.</p> <p>Efficacy trials were carried out by organizations that are officially recognized as competent to carry out efficacy testing in accordance with Regulation (EC) 284/2013. All trials have been conducted according to GEP.</p> <p>The efficacy trials were designed, conducted and reported according to the following EPPO guidelines:</p> <ol style="list-style-type: none"> <li>1. PP 1/181 (3) Conduct and reporting of efficacy evaluation trials including good experimental practice.</li> <li>2. PP 1/135 (3) Phytotoxicity assessment</li> <li>3. PP 1/93 (3) Weeds in cereals</li> <li>4. PP 1/152 (3) Design and analysis of efficacy evaluation trials</li> </ol> <p>Results of experiments (data on effectiveness) are contained in Appendix 5.</p> <p>Trials were conducted in Poland (NE EPPO climatic zone). Trials were of randomized block design with a minimum of four replicates. Details on trial sites, applications are contained in Appendix 3 and 4 and in the table Details of experiments.</p> <p>The susceptibility of weeds were evaluated according to the criteria presented below, established for PL.</p> <p><u>Weed species are classified as:</u></p> <table> <tr> <td>susceptible (S) –</td> <td>85%</td> </tr> <tr> <td>moderately susceptible (MS) -</td> <td>70-85%</td> </tr> <tr> <td>moderately tolerant (MT)</td> <td>60 -70%</td> </tr> <tr> <td>tolerant (T)</td> <td>&lt; 60%</td> </tr> </table> <p>The tested herbicide was applied at the rate 0,7 l/ha solo (a) and in mixtures with two other products:</p> <ol style="list-style-type: none"> <li>b) 0,5 L/ha of CHR/H/FETEC 110 EC Part B +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG</li> <li>c) 0,5 L/ha of CHR/H/FETEC 110 EC Part B + 0,4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC</li> </ol> <p>in winter wheat and spring barley as a single post-emergence application against weeds with spray volume 200-300 l/ha.</p>		susceptible (S) –	85%	moderately susceptible (MS) -	70-85%	moderately tolerant (MT)	60 -70%	tolerant (T)	< 60%
susceptible (S) –	85%								
moderately susceptible (MS) -	70-85%								
moderately tolerant (MT)	60 -70%								
tolerant (T)	< 60%								



The efficacy of the product solo and in mixtures (with above listed herbicides) was compared to the efficacy of the former formulation CHR/H/FET 110 EC Part A applied solo and in mixture (with above listed herbicides).

#### **Winter wheat**

Efficacy was assessed 2 – 4 weeks after application and 6 - 10 weeks after application (the product solo plus in mixture with 2 herbicides) against:

ALOMY, 4 trials; 2 trials +3 trials, panicle  
PAPRH, 4 trials; 4 trials  
VERPE, 1 trial; 1 trial  
STEME, 4 trials; 4 trials  
VIOAR, 3 trials; 2 trials  
CNSRE, 1 trial; 1 trial  
APESV, 5 trials; 2 trials +5 trials, panicle  
LITAR, 1 trial; 1 trial  
BRSNW, 1 trial; 1 trial  
CENCY, 3 trials; 3 trials  
VERHE, 1 trial; 1 trial  
ANTAR, 2 trials; 2 trials  
CAPBP, 3 trials; 2 trials

The Applicant presented only one trial per weed for following weeds: VERPE, CNSRE, LITAR, BRSNW, VERHE. The data from one trial for one weed species are not sufficient to prove the effectiveness of the product.

In addition, at least 4 trials should have been submitted for VIOAR and CENCY. However, the individual results presented for both formulations were very similar, so 3 trials for these weeds should be sufficient to confirm the effectiveness of the new formulation in this case.

#### **Spring barley**

Efficacy was assessed 2 – 4 weeks after application and 6 - 10 weeks after application (the product solo plus in mixture with 2 herbicides) against:

AVEFA, 4 trials; 4 trials +4 trials, panicle  
CENCY, 3 trials; 3 trials  
POLCO, 4 trials; 4 trials  
ANTAR, 1 trial; 1 trial  
VIOAR, 3 trials; 3 trials  
CHEAL, 2 trials; 2 trials  
GASPA, 1 trial; 1 trial  
ECHCG, 5 trials; 4 trials  
GALAP, 3 trials; 3 trials  
MATIN, 3 trials; 3 trials  
STEME, 3 trial; 3 trials;  
LAMPU, 1 trial; 1 trial

The Applicant presented only one trial per weed for following weeds: ANTAR, GASPA, LAMPU. The data from one trial for one weed species are not sufficient to prove the effectiveness of the product.

CHR/H/FET 110 EC Part B solo and in the mixture with 2 other herbicides performed comparable to the former formulation of the product CHR/H/FET 110 EC Part A (solo and in the mixture with 2 other herbicides).

#### **Efficacy in winter wheat (2 – 10 weeks after application)**

- at the dose rate 0,7 l/ha CHR/H/FET 110 EC Part B applied solo, the target weed species were categorized as:

- susceptible (S): ALOMY

- medium susceptible (MS): APESV

- tolerant (T): PAPRH, STEME, VIOAR, CENCY, ANTAR, CAPBP

In bridging trials presented for products applied solo, efficacy data was comparable. Nevertheless for efficacy results against APESV the following approach is proposed:

The effectiveness of the product against APESV has depended on its growth stage. APESV has been moderately susceptible (73,0%,) at BBCH 23-39 (2-4 weeks after application) and susceptible (93,1%) 6-10 weeks after application (at BBCH 50-69).

In the case of the application of Fenoxin Max 110 EC against APESV, the weed was susceptible 6-10 weeks after the application of the product, when APESV was already in the late stages of vegetation (at the panicle stage and beyond, closer to the natural end of its vegetation). In these circumstances, it is not entirely possible to determine whether APESV dieback was due to the herbicide applied or whether it was at the same time a result of the end of APESV vegetation. However, it remains most plausible that the product was moderately effective against APESV 2-4 weeks after application, which leads to the classification APESV as a medium susceptible weed. It should be mentioned that the product was applied at developmental stages of APESV - BBCH 21-28, other than those commonly recommended (2 to 8 leaves). This information should be clearly incorporated in the label.

- in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, the target weed species were categorized as:

- susceptible (S): STEME

- moderately susceptible (MS): ALOMY, PAPRH, APESV, CENCY, ANTAR, CAPBP

- moderately tolerant (MT): VIOAR

- in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B + 0,4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC, the target weed species were categorized as:

- susceptible (S): STEME

- moderately susceptible (MS): ALOMY, APESV

- moderately tolerant: CAPBP

- tolerant (T): PAPRH, VIOAR, CENCY, ANTAR

#### **Efficacy in spring barley (2 – 10 weeks after application)**

- at the dose rate 0,7 l/ha CHR/H/FET 110 EC Part B applied solo, the target weed species were categorized as:

- susceptible (S): AVEFA, ECHCG

- tolerant (T): CENCY, POLCO, VIOAR, CHEAL, GALAP, MATIN, STEME

In bridging trials presented for products applied solo, efficacy data was comparable.

- in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG, the target weed species were categorized as:

- susceptible (S): ECHCG, STEME

- moderately susceptible (MS): AVEFA, CENCY, POLCO, CHEAL, GALAP, MATIN

- moderately tolerant (MT): VIOAR

- in application of 0,5 L/ha of CHR/H/FETEC 110 EC Part B + 0,4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC, the target weed species were categorized as:

- susceptible (S): ECHCG, GALAP, STEME

- moderately susceptible (MS): AVEFA, POLCO, MATIN

- moderately tolerant (MT): CENCY
- tolerant (T): VIOAR, CHEAL

To sum up, it might be concluded that the application of CHR/H/FETEC 110 EC Part B solo at dose rate 0,7 l/ha (spray volume 200 - 300 l/ha), post-emergence provided benefit against tested monocotyledonous weeds in winter wheat and spring barley. In mixture with Tristar 50 SG and Galaper 200 EC, CHR/H/FETEC 110 EC Part B provided benefit against tested dicotyledonous and some monocotyledonous weeds in winter wheat and spring barley. CHR/H/FETEC 110 EC Part B solo and in mixtures performed comparable to CHR/H/FET 110 EC Part A solo and in mixtures. Data from winter wheat can be extrapolated on winter barley and winter triticale, while data from spring barley can be extrapolated on spring wheat.

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

#### **3.3.1 Mode of action**

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is a herbicide containing active substance fenoxaprop-P-etylu 110 g/L. Fenoxaprop-P-etylu belongs to the Aryloxyphenoxy-propionate (“fop”) chemical family. According to HRAC, fenoxaprop-P-etylu is a Group 1 – inhibition of acetyl CoA carboxylase (legacy A). Fenoxaprop-P-ethyl, once in the plant, is quickly converted into the free D+ acid fenoxaprop-P, which inhibits the biosynthesis of fatty acids. The further formation of cell membranes in the growing points of the weed plants is inhibited eventually causing the plant death. In addition this inhibition of fatty acid biosynthesis causes further changes within the weed plant, such as an increase in soluble sugars and free amino acids in the stem tissues of the grass weed plants and also a reduction in the chlorophyll content as a consequence of the reduction of thylakoid membranes. Based on the comparison of the in vitro efficacy of Fenoxaprop-P-ethyl compared to its free acid it could be shown that the free acid showed the main herbicidal activity. However, due to the significantly reduced uptake of the free acid in vivo and better uptake together with the fast hydrolysis in the plant, Fenoxaprop-P-ethyl is used for the application.

#### **3.3.2 Mechanism of resistance**

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is a herbicide containing active substance fenoxaprop-P-etylu 110 g/L. Fenoxaprop-P-etylu belongs to the Aryloxyphenoxy-propionate (“fop”) chemical family. According to HRAC, fenoxaprop-P-etylu is a Group 1 – inhibition of acetyl CoA carboxylase (legacy A). According HRAC Resistance of weed biotypes to herbicides is a consequence of naturally occurring mutations and evolutionary processes. Individuals within a species that are best adapted and not susceptible to a particular practice, such as application of a specific herbicide, are selected for and will increase in the population. Mitigating or slowing the evolution of herbicide resistance relies on reducing selection pressure for resistance through application of a diversity of weed management practices. There are two general categories of resistance mechanisms, target-site resistance and non-target-site resistance. Target-site resistance inhibits herbicide action by: a change in structure of the target protein that decreases herbicide binding to its usual site of action; an increase in target protein expression; or an increase in copies of the gene containing the target site. Non-target-site resistance includes decreased translocation of an herbicide to its site of action, increased metabolic detoxification of an herbicide, and sequestration or immobilization of an herbicide in a part of the plant so it cannot reach its site of action. According to EPPO PP 1/213 (4) Resistance risk analysis weeds usually only produce one generation per year and development of resistance is usually a relatively slow process. It is difficult to class any weed species as inherently more or less likely to develop resistance to a particular herbicide.

#### **3.3.3 Evidence of resistance**

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is a herbicide containing active sub-stance fenoxaprop-P-etylu 110 g/L. Fenoxaprop-P-etylu belongs to the Aryloxyphenoxy-propionate (“fop”) chemical family. According to HRAC, fenoxaprop-P-etylu is a Group 1 – inhibition of acetyl CoA carboxylase (legacy A). This group of herbicides is quite well known and has been applied commercially for decades.

According to Ian Heap’s website (<http://www.weedscience.org>):

Table 1. Herbicide resistance cases to fenoxaprop-P-etylu

Year	Species	Country	Actives	Situations
1982	<i>Alopecurus myosuroides</i>	United Kingdom	clodinafop-propargyl, diclofop-methyl, fluazifop-butyl, quizalofop-ethyl, fenoxaprop-ethyl, sethoxydim, clethodim, cycloxydim, pinoxaden	Cereals, Wheat, Canola
1983	<i>Alopecurus myosuroides</i>	Germany	fenoxaprop-ethyl, isoproturon, chlorotoluron	Wheat, Sugar beets
1986	<i>Avena fatua</i>	South Africa	clodinafop-propargyl, diclofop-methyl, fluazifop-butyl, fenoxaprop-ethyl, sethoxydim, tralkoxydim, sulfosulfuron, imazamox, iodosulfuron-methyl-Na	Wheat
1990	<i>Avena fatua</i>	Canada	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, sethoxydim, clethodim, tralkoxydim	Spring Barley, Cropland, Wheat, Canola
1990	<i>Avena fatua</i>	Canada	fenoxaprop-ethyl, sethoxydim	Spring Barley, Wheat, Canola
1990	<i>Avena fatua</i>	United States	diclofop-methyl, fenoxaprop-ethyl	Wheat
1991	<i>Avena fatua</i>	Australia	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, clethodim	Spring Barley, Lentils, Wheat, Lupins, Canola, Chickpea, Faba beans
1991	<i>Avena fatua</i>	Canada	diclofop-methyl, quizalofop-ethyl, fenoxaprop-ethyl, tralkoxydim	Wheat, Canola
1991	<i>Setaria viridis</i>	Canada	diclofop-methyl, fenoxaprop-ethyl, sethoxydim, tralkoxydim	Spring Barley, Cropland, Wheat, Canola
1991	<i>Sorghum halepense</i>	United States	fluazifop-butyl, quizalofop-ethyl, fenoxaprop-ethyl	Cotton, Cropland
1991	<i>Avena fatua</i>	United States	diclofop-methyl, fenoxaprop-ethyl	Cereals, Wheat
1991	<i>Avena fatua</i>	United States	diclofop-methyl, quizalofop-ethyl, fenoxaprop-ethyl, sethoxydim, pinoxaden	Wheat
1992	<i>Setaria viridis</i>	Canada	diclofop-methyl, fenoxaprop-ethyl, sethoxydim, tralkoxydim, ethalfluralin, trifluralin	Spring Barley, Wheat, Canola, Flax
1992	<i>Avena fatua</i>	United States	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl	Cereals, Wheat
1993	<i>Alopecurus myosuroides</i>	France	haloxyfop-methyl, clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, sethoxydim, cycloxydim	Wheat
1993	<i>Phalaris minor</i>	Israel	fenoxaprop-ethyl	Wheat
1993	<i>Avena sterilis</i>	United Kingdom	fluazifop-butyl, fenoxaprop-ethyl, tralkoxydim, imazamethabenz-methyl, flamprop-methyl, iodosulfuron-methyl-Na, mesosulfuron-methyl	Cereals, Wheat
1994	<i>Avena fatua</i>	Canada	fenoxaprop-ethyl, imazamethabenz-methyl, rimsulfuron, flamprop-methyl	Spring Barley, Cropland, Wheat, Canola
1994	<i>Echinochloa colona</i>	Costa Rica	fenoxaprop-ethyl	Rice
1994	<i>Avena fatua</i>	United Kingdom	fluazifop-butyl, fenoxaprop-ethyl, tralkoxydim, imazamethabenz-methyl, flamprop-m, mesosulfuron-methyl, pinoxaden, pyroxulam	Cereals, Wheat, Canola
1994	<i>Setaria faberi</i>	United States	fluazifop-butyl, quizalofop-ethyl, fenoxaprop-ethyl, sethoxydim, clethodim	Soybean
1995	<i>Lolium perenne ssp. multiflorum</i>	United States	diclofop-methyl, fenoxaprop-ethyl, chlorsulfuron	Wheat
1996	<i>Avena fatua</i>	Belgium	clodinafop-propargyl, fenoxaprop-ethyl	Winter wheat
1996	<i>Alopecurus myosuroides</i>	Belgium	clodinafop-propargyl, fenoxaprop-ethyl	Winter wheat
1996	<i>Alopecurus myosuroides</i>	Belgium	clodinafop-propargyl, propaquizafop, fenoxaprop-ethyl, flupyr-sulfuron-methyl-Na, atrazine, chlorotoluron, pendimethalin	Winter wheat
1996	<i>Setaria viridis</i>	Canada	diclofop-methyl, fenoxaprop-ethyl, sethoxydim	Wheat
1996	<i>Setaria viridis</i>	Canada	fenoxaprop-ethyl, sethoxydim	Spring Barley, Cropland, Wheat, Canola
1996	<i>Setaria viridis</i>	Canada	fenoxaprop-ethyl, trifluralin	Spring Barley, Wheat, Canola, Peas
1996	<i>Avena fatua</i>	Canada	fenoxaprop-ethyl, imazamethabenz-methyl, tri-allate	Spring Barley, Lentils, Wheat, Canola

1996	<i>Avena sterilis ssp. ludoviciana</i>	France	fenoxaprop-ethyl	Wheat
1996	<i>Avena fatua</i>	France	fenoxaprop-ethyl	Wheat
1996	<i>Phalaris paradoxa</i>	Mexico	clodinafop-propargyl, fenoxaprop-ethyl, tralkoxydim, pinoxaden	Wheat
1996	<i>Phalaris minor</i>	Mexico	clodinafop-propargyl, fluazifop-butyl, fenoxaprop-ethyl, sethoxydim, tralkoxydim, pinoxaden	Wheat
1996	<i>Alopecurus myosuroides</i>	Netherlands	clodinafop-propargyl, fenoxaprop-ethyl, isoproturon, chlorotoluron	Winter wheat
1996	<i>Digitaria ischaemum</i>	United States	fenoxaprop-ethyl	Turf
1997	<i>Phalaris paradoxa</i>	Australia	fenoxaprop-ethyl, sethoxydim	Wheat, Winter pulses
1997	<i>Urochloa plantaginea</i> (= <i>Brachiaria plantaginea</i> )	Brazil	haloxyfop-methyl, diclofop-methyl, fluazifop-butyl, propaquizafop, quizalofop-ethyl, fenoxaprop-ethyl, sethoxydim, butoxydim	Soybean
1997	<i>Avena fatua</i>	Canada	fenoxaprop-ethyl, imazamethabenz-methyl, tri-allate, flamprop-methyl	Wheat
1997	<i>Avena sterilis</i>	Turkey	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, tralkoxydim	Wheat
1998	<i>Avena fatua</i>	Canada	fenoxaprop-ethyl, imazamethabenz-methyl, tri-allate	Cereals, Wheat, Canola, Peas
1998	<i>Echinochloa colona</i>	Costa Rica	fenoxaprop-ethyl, azimsulfuron, propanil	Rice
1998	<i>Snowdenia polystachya</i>	Ethiopia	fenoxaprop-ethyl	Wheat
1998	<i>Avena fatua</i>	Mexico	clodinafop-propargyl, diclofop-methyl, fluazifop-butyl, fenoxaprop-ethyl, sethoxydim, tralkoxydim, cycloxydim	Wheat
1998	<i>Echinochloa phyllopogon</i> (= <i>E. oryzicola</i> )	United States	fenoxaprop-ethyl	Rice
1999	<i>Sorghum bicolor ssp. drummondii</i> (= <i>Sorghum sudanese</i> )	Bolivia	haloxyfop-methyl, fluazifop-butyl, quizalofop-ethyl, fenoxaprop-ethyl	Soybean
1999	<i>Alopecurus myosuroides</i>	Netherlands	clodinafop-propargyl, fenoxaprop-ethyl, cycloxydim, penoxsulam	Winter wheat
1999	<i>Phalaris minor</i>	South Africa	haloxyfop-methyl, clodinafop-propargyl, diclofop-methyl, propaquizafop, quizalofop-ethyl, fenoxaprop-ethyl, sulfosulfuron, iodosulfuron-methyl-Na, mesosulfuron-methyl	Pastures, Wheat
1999	<i>Setaria viridis</i> var. <i>major</i> (= var. <i>robustaloba</i> , var. <i>robustapurpurea</i> )	United States	fluazifop-butyl, fenoxaprop-ethyl	Soybean
1999	<i>Setaria viridis</i> var. <i>major</i> (= var. <i>robustaloba</i> , var. <i>robustapurpurea</i> )	United States	fluazifop-butyl, fenoxaprop-ethyl, sethoxydim	Soybean
2000	<i>Ischaemum rugosum</i>	Colombia	fenoxaprop-ethyl	Rice
2000	<i>Echinochloa colona</i>	Nicaragua	fenoxaprop-ethyl	Rice
2000	<i>Echinochloa crus-galli</i> var. <i>crus-galli</i>	United States	cyhalofop-butyl, fenoxaprop-ethyl, thiobencarb/benthiocarb, molinate	Rice
2000	<i>Echinochloa phyllopogon</i> (= <i>E. oryzicola</i> )	United States	cyhalofop-butyl, fenoxaprop-ethyl, thiobencarb/benthiocarb, molinate	Rice
2001	<i>Alopecurus myosuroides</i>	Denmark	fenoxaprop-ethyl	Winter wheat
2001	<i>Alopecurus myosuroides</i>	Denmark	clodinafop-propargyl, fenoxaprop-ethyl, cycloxydim, flupyrsulfuron-methyl-Na, pendimethalin, florasulam, iodosulfuron-methyl-Na, mesosulfuron-methyl, pyroxulam	Winter wheat
2001	<i>Echinochloa crus-galli</i> var. <i>crus-galli</i>	Thailand	cyhalofop-butyl, quizalofop-ethyl, fenoxaprop-ethyl	Rice

2001	<i>Phalaris minor</i>	United States	fluazifop-butyl, fenoxaprop-ethyl, sethoxydim, clet-hodim	Onions
2002	<i>Digitaria ciliaris</i>	Brazil	haloxyfop-methyl, cyhalofop-butyl, fluazifop-butyl, propaquizafop, fenoxaprop-ethyl, sethoxydim	Soybean
2002	<i>Leptochloa chinensis</i>	Thailand	quizalofop-ethyl, fenoxaprop-ethyl, profoxydim	Rice
2002	<i>Avena fatua</i>	United States	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, tralkoxydim	Cropland, Wheat, Sugar beets
2003	<i>Eleusine indica</i>	Brazil	cyhalofop-butyl, fenoxaprop-ethyl, sethoxydim	Soybean
2003	<i>Alopecurus myosuroides</i>	France	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, sethoxydim, iodosulfuron-methyl-Na, mesosulfuron-methyl	Wheat
2003	<i>Alopecurus myosuroides</i>	Germany	fluazifop-butyl, fenoxaprop-ethyl, clethodim, cycloxydim	Winter wheat, Sugar beets
2004	<i>Phalaris minor</i>	Iran	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, tralkoxydim, pinoxaden	Winter wheat
2004	<i>Phalaris paradoxa</i>	Israel	haloxyfop-methyl, clodinafop-propargyl, diclofop-methyl, fluazifop-butyl, fenoxaprop-ethyl, clethodim, tralkoxydim, cycloxydim	Wheat, Peas
2004	<i>Ischaemum rugosum</i>	Venezuela	fenoxaprop-ethyl, imazethapyr, imazapyr, pyribenzoxim, bispyribac-sodium, propanil, profoxydim	Rice
2005	<i>Setaria viridis</i>	United States	diclofop-methyl, fluazifop-butyl, fenoxaprop-ethyl, sethoxydim, pinoxaden	Spring Barley, Wheat, Canola, Peas
2006	<i>Echinochloa colona</i>	Bolivia	haloxyfop-methyl, cyhalofop-butyl, fluazifop-butyl, fenoxaprop-ethyl	Rice, Soybean
2006	<i>Phalaris minor</i>	India	clodinafop-propargyl, fenoxaprop-ethyl, sulfosulfuron, isoproturon, mesosulfuron-methyl, pinoxaden, pyroxsulam	Wheat
2006	<i>Avena sterilis ssp. ludoviciana</i>	Iran	haloxyfop-methyl, clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, sethoxydim, tralkoxydim, pinoxaden	Winter wheat, Canola
2006	<i>Avena sterilis</i>	Israel	clodinafop-propargyl, fenoxaprop-ethyl, cycloxydim	Wheat
2006	<i>Echinochloa phyllopogon (=E. oryzicola)</i>	South Korea	cyhalofop-butyl, fenoxaprop-ethyl, pyribenzoxim, pyriminobac-methyl, bispyribac-sodium, azimsulfuron, bensulfuron-methyl, pyrazosulfuron-ethyl, imazosulfuron, halosulfuron-methyl, metamifop	Rice
2007	<i>Alopecurus japonicus</i>	China	haloxyfop-methyl, clodinafop-propargyl, fenoxaprop-ethyl, pinoxaden	Winter wheat, Canola
2007	<i>Alopecurus myosuroides</i>	Germany	fenoxaprop-ethyl, isoproturon, chlorotoluron, flufenacet, mesosulfuron-methyl, pinoxaden	Wheat
2008	<i>Echinochloa crus-galli var. crus-galli</i>	South Korea	cyhalofop-butyl, fenoxaprop-ethyl, pyribenzoxim, pyriminobac-methyl, bispyribac-sodium, azimsulfuron, bensulfuron-methyl, pyrazosulfuron-ethyl, imazosulfuron, halosulfuron-methyl, metamifop, flucetosulfuron	Rice
2009	<i>Lolium persicum</i>	Canada	fenoxaprop-ethyl, tralkoxydim, pinoxaden	Spring Barley, Wheat
2009	<i>Echinochloa crus-galli var. crus-galli</i>	Egypt	fenoxaprop-ethyl	Rice
2009	<i>Apera spica-venti</i>	Germany	fenoxaprop-ethyl, sulfosulfuron, isoproturon, iodosulfuron-methyl-Na, mesosulfuron-methyl, pinoxaden, pyroxsulam	Spring Barley, Winter wheat
2009	<i>Alopecurus myosuroides</i>	Germany	fenoxaprop-ethyl, cycloxydim, flupyr-sulfuron-methyl-Na, mesosulfuron-methyl, pinoxaden	Cereals
2009	<i>Avena fatua</i>	Germany	fenoxaprop-ethyl, cycloxydim, flupyr-sulfuron-methyl-Na, mesosulfuron-methyl, pinoxaden	Sugar beets
2009	<i>Avena sterilis</i>	Greece	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl, tralkoxydim, pinoxaden	Wheat
2009	<i>Alopecurus myosuroides</i>	Italy	clodinafop-propargyl, fenoxaprop-ethyl, pinoxaden	Durum wheat
2009	<i>Leptochloa paniceoides</i>	United States	cyhalofop-butyl, fenoxaprop-ethyl	Rice
2009	<i>Avena fatua</i>	United States	fenoxaprop-ethyl	Cereals
2010	<i>Avena fatua</i>	Argentina	clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl	Spring Barley, Wheat
2010	<i>Beckmannia syzigachne</i>	China	fenoxaprop-ethyl	Winter wheat
2010	<i>Sclerachloa kengiana</i>	China	clodinafop-propargyl, fenoxaprop-ethyl	Winter wheat

2010	<i>Echinochloa crus-galli</i> var. <i>crus-galli</i>	China	quizalofop-ethyl, fenoxaprop-ethyl	Rice, Soybean
2010	<i>Alopecurus aequalis</i>	China	clodinafop-propargyl, fenoxaprop-ethyl	Wheat
2010	<i>Apera spica-venti</i>	Poland	fenoxaprop-ethyl, pinoxaden	Winter wheat
2011	<i>Digitaria sanguinalis</i>	Canada	fluzifop-butyl, quizalofop-ethyl, fenoxaprop-ethyl, sethoxydim, clethodim	Carrots, Onions
2011	<i>Apera spica-venti</i>	Poland	fenoxaprop-ethyl, sulfosulfuron, chlorsulfuron, sulfometuron-methyl, pinoxaden	Winter wheat
2011	<i>Alopecurus myosuroides</i>	Poland	fenoxaprop-ethyl, pinoxaden	Winter wheat
2011	<i>Avena fatua</i>	Poland	fenoxaprop-ethyl, pinoxaden	Spring Barley, Spring wheat
2011	<i>Avena fatua</i>	Poland	fenoxaprop-ethyl, metsulfuron-methyl, sulfometuron-methyl, iodosulfuron-methyl-Na, pinoxaden, propoxycarbazone-Na	Spring Barley, Spring wheat
2011	<i>Alopecurus myosuroides</i>	Sweden	clodinafop-propargyl, fenoxaprop-ethyl, cycloxydim	Winter wheat
2011	<i>Alopecurus myosuroides</i>	Sweden	fenoxaprop-ethyl, flupyr-sulfuron-methyl-Na, prosulcarb, pyroxulam	Wheat
2011	<i>Avena fatua</i>	Turkey	diclofop-methyl, fenoxaprop-ethyl, tralkoxydim	Wheat
2011	<i>Echinochloa crus-galli</i> var. <i>crus-galli</i>	United States	fenoxaprop-ethyl, imazethapyr, propanil, quinclorac (MOA in monocots), imazamox	Rice
2012	<i>Avena fatua</i>	Canada	fenoxaprop-ethyl, tralkoxydim	Wheat, Winter barley
2012	<i>Avena fatua</i>	Germany	clodinafop-propargyl, fenoxaprop-ethyl, pinoxaden	Sugar beets
2012	<i>Alopecurus myosuroides</i>	Poland	fenoxaprop-ethyl, sulfometuron-methyl, iodosulfuron-methyl-Na, mesosulfuron-methyl, pinoxaden	Winter wheat
2012	<i>Leptochloa chinensis</i>	South Korea	cyhalofop-butyl, fenoxaprop-ethyl, metamifop	Rice
2012	<i>Avena fatua</i>	United States	fenoxaprop-ethyl, mesosulfuron-methyl	Wheat
2014	<i>Polypogon fugax</i>	China	clodinafop-propargyl, fluzifop-butyl, quizalofop-ethyl, fenoxaprop-ethyl, sethoxydim, clethodim, pinoxaden	Wheat, Canola
2014	<i>Alopecurus aequalis</i>	China	quizalofop-ethyl, fenoxaprop-ethyl, nicosulfuron, flucarbazone-Na, mesosulfuron-methyl, penoxsulam, pinoxaden	Wheat
2014	<i>Alopecurus japonicus</i>	China	fenoxaprop-ethyl, pyribenzoxim, sulfosulfuron, nicosulfuron, mesosulfuron-methyl, pyroxulam	Wheat
2014	<i>Phalaris brachystachys</i>	Iran	haloxyfop-methyl, clodinafop-propargyl, diclofop-methyl, fenoxaprop-ethyl	Winter wheat
2014	<i>Avena fatua</i>	New Zealand	haloxyfop-methyl, fenoxaprop-ethyl	Wheat, Clover
2014	<i>Alopecurus myosuroides</i>	Sweden	fenoxaprop-ethyl, cycloxydim, flupyr-sulfuron-methyl-Na, iodosulfuron-methyl-Na, mesosulfuron-methyl, pyroxulam	Spring wheat, Winter wheat, Winter barley
2015	<i>Avena fatua</i>	Canada	quizalofop-ethyl, fenoxaprop-ethyl, imazamethabenzmethyl, imazapyr, sulfentrazone, tri-allate, pyroxasulfone	Spring wheat
2015	<i>Phalaris minor</i>	Pakistan	fenoxaprop-ethyl	Wheat
2015	<i>Phalaris brachystachys</i>	Syria	clodinafop-propargyl, fenoxaprop-ethyl	Wheat, Potatoes, Faba beans
2015	<i>Phalaris paradoxa</i>	Syria	clodinafop-propargyl, fenoxaprop-ethyl	Wheat, Potatoes, Faba beans
2015	<i>Avena fatua</i>	Syria	clodinafop-propargyl, fenoxaprop-ethyl	Wheat, Potatoes, Faba beans
2016	<i>Digitaria insularis</i>	Brazil	haloxyfop-methyl, fenoxaprop-ethyl	Soybean
2016	<i>Apera spica-venti</i>	Denmark	fenoxaprop-ethyl, florasulam, iodosulfuron-methyl-Na, mesosulfuron-methyl, pinoxaden	Wheat
2016	<i>Lolium perenne</i> ssp. <i>multiflorum</i>	United States	cyhalofop-butyl, fluzifop-butyl, fenoxaprop-ethyl, sethoxydim, clethodim, paraquat, glyphosate, imazamox, mesosulfuron-methyl	Alfalfa, Orchards
2017	<i>Eleusine indica</i>	Brazil	haloxyfop-methyl, fenoxaprop-ethyl, glyphosate	Corn (maize), Cotton, Soybean, Beans
2017	<i>Sorghum halepense</i>	Serbia	haloxyfop-methyl, fluzifop-butyl, propaquizafop, quizalofop-ethyl, fenoxaprop-ethyl	Soybean
2020	<i>Digitaria insularis</i>	Brazil	haloxyfop-methyl, fenoxaprop-ethyl, glyphosate	Soybean

### 3.3.4 Cross-resistance

According to <https://hracglobal.com/files/Herbicide-Cross-Resistance-and-Multiple-Resistance-in-Plants.pdf>

Cross resistance is defined as the expression of a genetically-endowed mechanism conferring the ability to withstand herbicides from different chemical classes. There are two broad cross resistance categories; target site cross resistance and non-target site cross resistance.

Target site cross resistance occurs when a change at the biochemical site of action of one herbicide also confers resistance to herbicides from a different chemical class that inhibit the same site of action in the plant. Target site cross resistance does not necessarily result in resistance to all herbicide classes with a similar mode of action or indeed all herbicides within a given herbicide class.

Non target site cross resistance is defined as cross resistance to dissimilar herbicide classes conferred by a mechanism(s) other than resistant enzyme target sites. Until recently documented for *L. rigidum* and *A. myosuroides*, non-target site cross resistance was largely unknown in herbicide-resistant weeds but is well known in the insecticide resistance literature (Brattsten et al., 1986; Georgiou, 1986).

Cross resistance occurs mainly in the group of ALS inhibitors, acetyl-CoA carboxylase (ACCase)-inhibitors and photosystem two (PS2)-inhibitors.

Target site cross resistance to ACCase inhibiting herbicides

During the 1970s and 1980s, two chemically dissimilar herbicide groups, the aryloxyphenoxypropionic acid (APP) and cyclohexanedione (CHD) herbicides, which target the plastid enzyme ACCase, were commercially developed and widely adopted. These herbicides are lethal to many Graminaceae but are harmless to dicot species and have therefore become widely employed for grass weed control. Following widespread usage of ACCase-inhibiting herbicides, resistance to these modern generation graminicides has become extensive in *L. rigidum* in Australia and is developing rapidly in the closely related *L. multiflorum* in Oregon, in wild oats (*Avena* spp.) in Australia and N. America, and in other species (for a review of resistance to ACCase herbicides see Devine and Shimabukuro, 1994). In *L. rigidum* in Australia, and *L. multiflorum* in North America, many ACCase target site-based resistant biotypes have appeared (Stanger and Appleby, 1989; Holtum and Powles, 1991; Gronwald et al., 1992; Tardif and Powles, 1993). In *L. rigidum*, selection either with an APP herbicide (Holtum and Powles, 1991), or a CHD herbicide (Tardif et al., 1993), has led to target site cross resistance to both the APP and HD herbicides, however in both cases, the level of resistance to APPs is greater than that to CHDs (Table 4). It is evident from the data collated in Table 4 that different resistant *L. rigidum* biotypes possessing resistant ACCase exhibit different patterns of resistance at the whole plant level and in ACCase assays (Tardif and Powles, 1993). Many, but not all, *L. rigidum* biotypes exhibit target site cross resistance across the APP and CHD herbicide chemistries. In contrast, a biotype of *L. multiflorum* selected with diclofop-methyl and with an ACCase resistant to APP herbicides shows no target site cross resistance to the CHD herbicides (Gronwald et al., 1992). Two biotypes of *A. myosuroides* (Mason and Otmoor) have been documented as highly resistant to the APP herbicides as a result of resistant ACCase (Hall, Moss and Powles, unpublished). The ACCase from these biotypes is also resistant to CHD herbicides. Resistance to APP herbicides in several biotypes of the wild oat species *Avena fatua* and *Avena sterilis* is also endowed by resistant forms of the ACCase enzyme. In these cases, there are varying degrees of target site cross resistance to the CHD herbicides, ranging from none to moderate (Maneechote et al., 1994; Maneechote, Preston and Powles, unpublished). These levels of target site cross resistance to the CHD herbicides at the whole plant level correlate with the level of resistance displayed by ACCase from these biotypes (Maneechote, Preston and Powles, unpublished). From the foregoing it is clear that target site-based resistance to ACCase herbicides does not always lead to cross resistance to other herbicides with the same site of action. This is the expected result where herbicides from different chemical classes bind to overlapping, but not identical sites on the target enzyme (see also (a) above and (c) below). This is likely, although not yet established at the molecular level, for APP and CHD herbicides interacting



with ACCase. The patterns of resistance of ACCase to herbicides can be strikingly different even among resistant biotypes of the same species as can be seen from Table 4. For example, among biotypes of *L. rigidum*, resistance to haloxyfop can range from moderate to high, and resistance to sethoxydim can range from nonexistent to moderate. Therefore, we suggest the differences in target site cross resistance are the result of selection for different mutations of the ACCase gene in different resistant populations. Evidence exists from maize cell lines that different alleles at the same locus encode different resistant forms of ACCase with different levels of target site cross resistance (Marshall et al., 1992). There remains a wealth of valuable information to be obtained from these various ACCase mutants. While the ACCase gene has recently been sequenced from a number of plant species (Roessler and Ohlrogge, 1993; Ashton et al., 1994; Ellborough et al., 1994; Shorosh et al., 1994) there is, as yet, no specific knowledge of herbicide binding site(s) within the ACCase enzyme. The various different herbicide resistant ACCase mutants (Table 4) will be very useful in elucidating herbicide binding and the specific mutations which endow resistance while retaining enzyme functionality. A second site of action has been proposed for APP and CHD herbicides. These herbicides cause a rapid depolarization of plant cell membrane potentials by allowing the influx of protons (Lucas et al., 1984; Shimabukuro, 1990). The maintenance of an electrogenic potential is vital to survival of the cells, however, the importance of the herbicide-induced depolarization of the membrane potential as a herbicidal mode of action has been questioned (DiTomaso et al., 1991). Also, the relevance of the herbicide-induced depolarization of the membrane potential to the field performance of these herbicides is entirely unknown. Cells from root tips and coleoptiles of some biotypes of *L. rigidum* resistant to APP and CHD herbicides are able to re-establish the membrane potential following removal of herbicide from the bathing solution (Häusler et al., 1991; Holtum et al., 1991; Shimabukuro and Hoffer, 1992). This ability to repolarize the membrane potential following removal of the herbicide is not observed with susceptible biotypes. Similar results have been obtained with a herbicide-resistant biotype of *Avena fatua* (Devine et al., 1993), however, in other resistant biotypes of *A. fatua* and *A. sterilis* repolarization of the membrane potential does not occur following removal of the herbicide (Maneechote et al., 1994; Maneechote, Preston and Powles, unpublished). Repolarization of the membrane potential occurred in resistant *L. rigidum* biotypes irrespective of the possession or absence of a resistant ACCase. Repolarization is pH dependent even in susceptible biotypes (DiTomaso, 1993; Holtum et al., 1994; Maneechote, Preston and Powles, unpublished). The biotypes of *L. rigidum* which show repolarization of the membrane potential following removal of the herbicide also displayed a reduced ability to acidify the external solution bathing roots or coleoptiles (Häusler et al., 1991; DiTomaso, 1993). DiTomaso (1993) claimed a direct connection between the differential abilities of the resistant *L. rigidum* biotypes to acidify the external medium and the repolarization of the membrane potential following removal of the herbicide. In contrast to the above, the biotype of *A. fatua* displaying the membrane repolarization phenomenon acidifies the external medium at the same rate as the susceptible biotype (Devine et al., 1993). There is still a myriad of unsolved questions regarding the repolarization of the membrane potential and its role, if any, in resistance to APP and CHD herbicides (see Holtum et al., 1994). What is clear is that there may be a fundamental difference in membrane properties of some resistant biotypes of *L. rigidum* compared to the susceptible biotypes (Häusler et al., 1991). What relevance this has to herbicide resistance is unclear.

#### Non target site cross resistance to ACCase inhibiting herbicides

Over the past decade in Australia, the ACCase-inhibiting herbicide diclofop-methyl has been annually applied to millions of hectares of cereal crop to control *L. rigidum* and wild *Avena* species. Since the first reports of *L. rigidum* resistant to diclofop-methyl (Heap and Knight, 1982; 1986; 1990), at least two thousand field populations have developed resistance. Similarly, in laboratory experiments, (Matthews and Powles, unpublished) resistance to diclofop-methyl was selected in as little as three generations from an initially susceptible population following application of diclofop-methyl at agriculturally-relevant rates. Many of the *L. rigidum* biotypes selected with and resistant to diclofop-methyl do not contain a resistant

ACCase (Matthews et al., 1990; Holtum et al., 1991). Extensive studies have been conducted with one such biotype (SLR31) to identify the basis of non target site resistance. This biotype exhibits a modest increase in the rate of diclofop-methyl metabolism (Holtum et al., 1991). The rate of metabolism of diclofop-acid, the herbicidally-active form, occurs at about 1.5 times the rate observed in a susceptible biotype. An increase in the rate of metabolism of this order should provide, at least, low level resistance to diclofop-methyl – however, the overall contribution that metabolism makes to diclofop-methyl resistance in SLR31 is difficult to assess. A considerable proportion of the diclofop acid, about 20 percent in SLR31 and 30 percent in susceptible biotypes, remains un-metabolized even 192 h after treatment (Holtum et al., 1991). The location of this remaining herbicide is not known, however, we speculate that it has been sequestered away from the metabolizing enzymes, and the active site (Holtum et al., 1991; Holtum et al., 1994). Not all of the metabolism products of diclofop-methyl in *L. rigidum* have been identified, however, glucose conjugates of both arylhydroxy diclofop and diclofop acid have been observed (Shimabukuro and Hoffer, 1991; Preston, unpublished). SLR31 produced more glucose conjugates of arylhydroxy diclofop than did the susceptible biotype (Preston, unpublished), suggesting the involvement of a Cyt P450 in the enhanced metabolism of diclofop in this biotype. Despite these observations, in pot experiments the level of diclofop-methyl resistance in SLR31 is not altered by the addition of the cytochrome P450 inhibitors 1-aminobenzotriazole (ABT), piperonyl butoxide (PBO), or tetcyclasis (Tardif, Preston and Powles, unpublished). Differences in diclofop metabolism between SLR31 and susceptible biotypes do not appear to be due to secondary differences between herbicide affected and unaffected plants as other *L. rigidum* biotypes (SLR3 and WLR96) with ACCase enzyme-based resistance to diclofop, show no increase in diclofop metabolism (Tardif et al., 1993; Tardif, Preston, Holtum and Powles, unpublished). In addition, this biotype also displays a membrane recovery response whose relationship to resistance is uncertain (Häusler et al., 1991; Shimabukuro and Hoffer, 1992). Studies to identify the precise nature of non target site cross resistance in this biotype are continuing in our laboratory. A number of biotypes of *A. myosuroides* exhibit varying levels of resistance to diclofop-methyl and fenoxaprop-ethyl (Moss, 1992). Two biotypes, Peldon A1 and Lincs. E1, from the U.K. have been examined and are resistant to the APP herbicides diclofopmethyl and fenoxaprop-ethyl, and the CHD herbicide tralkoxydim (Moss, 1990; Hall, Moss and Powles, unpublished). Both resistant biotypes show enhanced metabolism of diclofop-methyl and fenoxaprop-ethyl. Rates of diclofop acid detoxification in the resistant biotypes (Peldon A1 and Lincs. E1) are 1.6 times faster than in the susceptible biotype (Hall, Moss and Powles, unpublished). Similarly, the rate of metabolism of fenoxaprop acid is about two times faster in these two resistant biotypes compared to the susceptible (Hall, Moss and Powles, unpublished). These biotypes also show increased metabolism of the substituted urea herbicides chlorotoluron and isoproturon (Kemp and Caseley, 1987; Kemp et al., 1990). It appears likely that enhanced metabolism is the common mechanism of herbicide resistance operating in the Peldon A1 biotype (Kemp et al., 1990).

### 3.3.5 Sensitivity data

Applicant didn't conduct separately trials for sensitivity data, this data was evaluated in efficacy trials. The 15 field trials were established in order to determine the sensitivity of weeds in winter wheat and spring barley. The CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B was tested in postemergence application in winter wheat and spring barley for the control of mono and dicot weeds. Detailed studies on the weeds sensitivity are submitted and summarised in 3.2 Efficacy data (KCP 6.2).

### 3.3.6 Use pattern

Herbicide CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B have demonstrated good crop tolerance to winter wheat, spring wheat, winter triticale, winter barley and spring barley. Therefore concluded that CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is safe usage at proposed rate

and this support the label claim for the use in winter wheat, spring wheat, winter triticale, winter barley and spring barley.

Undesirable effects are not expected on succeeding crops, adjacent crop, part of plants used for propagating purposes and beneficial organisms.

According to the above, the plant protection product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B can be approved to the market and use in Poland according to proposed range of use – GAP.

Based on submitted data the following regulation on the label is proposed:

Poland

winter wheat, spring wheat, winter triticale, winter barley and spring barley:

Recommended dose at:

0.7 L/ha – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha +25 g/ha Tristar 50 SG/Trimax 50 SG/Triben Super 50 SG – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application once a season in winter wheat, spring wheat, winter triticale, winter barley and spring barley, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).

The product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B should be use once per season in winter wheat, spring wheat, winter triticale, winter barley and spring barley at spring postemergence. To avoid resistance, products contain active substance with the same group shouldn't be used year after year on the same field.

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is to be applied in spring:

BBCH 20-31 in winter wheat, winter triticale, winter barley, spring barley, spring wheat

Recommended volume of water 200-300 L/ha

Recommended medium droplet spraying

Use of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B according to the proposed GAP does not represent a hazard to rotational crops and does not justify a specific labelling. CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is not persistent in soil nor is it taken up by succeeding crops.

### **3.3.7 Resistance risk assessment of unrestricted usepattern**

Not applicable

### **3.3.8 Test methods**

Not applicable

### **3.3.9 Acceptability of the resistance risk**

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is a herbicide containing active substance fenoxaprop-P-etylu 110 g/L. Fenoxaprop-P-etylu belongs to the Aryloxyphenoxy-propionate ("fop") chemical family. According to HRAC, fenoxaprop-P-etylu is a Group 1 – inhibition of acetyl CoA carboxylase (legacy A). According HRAC Resistance of weed biotypes to herbicides is a consequence of naturally occurring mutations and evolutionary processes. Individuals within a species that are best adapted and not susceptible to a particular practice, such as application of a specific herbicide, are selected for and will increase in the population. Mitigating or slowing the evolution of herbicide resistance relies on reducing selection pressure for resistance through application of a diversity of weed management practices. Accrod-

ing to EPPO PP 1/213 (4) Resistance risk analysis weeds usually only produce one generation per year and development of resistance is usually a relatively slow process. It is difficult to class any weed species as inherently more or less likely to develop resistance to a particular herbicide.

In conclusion, in the applicant's opinion, this level of weeds resistance risk should be considered to be acceptable.

### 3.3.10 Management strategy

According to *Herbicide Resistance Action Committee (HRAC)* (<https://hracglobal.com/prevention-management/best-management-practices>)

Integrated Weed Management (IWM) refers to using chemical, cultural, mechanical and biological methods, in an integrated fashion, to control weeds. It does not rely excessively on any one method. When used in an integrated approach, the following tools help reduce selection pressure and survival of resistant weeds.

- Chemical - Applying herbicides to a crop.
- Mechanical - Includes measures such as hand-weeding using cultivation or ploughing to control emerged plants and bury non-germinated seed. It also includes harvest weed seed destruction such as stubble burning and cutting for hay or silage to prevent the weeds from setting seed.
- Cultural - Includes altering the crop planting date, row spacing and harvest timing to disrupt the weed cycle. It also includes planting crops that can out-compete weeds, buying certified seed that's free of weeds and using a diverse crop rotation. Growers should also sanitize farm equipment when moving between fields.
- Biological - Includes introducing insects and pathogens that control target weed species and introducing post-harvest grazing of growing weeds.

Using a diversified crop rotation allows farmers to use these different weed techniques. Avoid successive crops that use herbicides with the same mechanism of action to control the same weed species in the same field.

Guidelines for the sustainable use of herbicide site of action groups:

- Use mixtures or sequential treatments of herbicides having different sites of action. Each herbicide in the mixture should target the same weed species.
- Consider all chemical control options before planting, in-crop and after harvest.
- Avoid continued use of the same herbicides, or herbicides with the same site of action in the same field, unless integrated with other weed control practices.
- Limit the number of applications of a single herbicide or herbicides with the same site of action in a single growing season.
- Herbicide mixtures and herbicide rotations alone are not enough to prevent resistance. They must be used in a diversified plan than also incorporates mechanical, cultural and biological practices.

Growers should also do the following:

- Follow label use instructions, such as application rates, timing and equipment recommendations.
- Know the weeds in their fields and nearby non-crop areas and tailor their weed control program to weed densities and economic thresholds.
- Monitor herbicide results and be aware of any trends or changes in weed populations.
- Maintain detailed field records to confirm cropping and herbicide history.

### 3.3.11 Implementation of the management strategy

The herbicide label provides all the necessary information for preventing weed resistance to herbicides.

### 3.3.12 Monitoring, reporting and reaction to changes in performance

According to <https://hracglobal.com/files/Monitoring-and-Mitigation-of-Herbicide-Resistance.pdf>

Managing the risk of herbicide resistance (HR) is an area of strategic importance for leading herbicide technology providers and is the focus of the Global Herbicide Resistance Action Committee (HRAC), an organization comprised of 8 major companies working as a part of Crop Life International. Early detection of HR, understanding the scope of HR in a defined area, and potential mitigation of resistance through efforts to limit its spread are important aspects of managing the risk of HR. Monitoring for HR populations has been employed by public and private weed scientists for both early detection and defining the scope of resistance. The primary methods used to monitor for resistance include:

- 1) field surveys where seed from putative resistant plants are collected and tested in a controlled environment using bioassay procedures,
- 2) market research surveys of farmers and weed management experts, and
- 3) tracking farmer performance inquiries with appropriate follow up field evaluation and testing.

The most common monitoring method is the use of field surveys designed to either qualitatively (i.e., determine whether the level of resistance is high, medium, or low) or quantitatively (i.e., determine the area infested with HR populations) define existing HR. The primary method to detect resistance in new species and in new geographies is to track farmer performance inquiries. Once resistance is detected, steps may be taken to mitigate its impact. A critical aspect to mitigation is the implementation of best management practices (BMPs) which is facilitated by effective education and training programs. Education efforts can be enhanced with information obtained from monitoring studies and early detection of resistant populations using appropriate monitoring methods can improve the outcome of mitigation efforts.

Study Comments: 3.3 dRR point 3.3	EN: Strategy is acceptable.
<p>CHR/H/FETEC 110 EC Part B contains one active ingredient: fenoxaprop-P-etylu (110 g/l). Fenoxaprop-P-etylu is classified by HRAC to Group 1 – inhibition of Acetyl CoA Carboxylase (legacy HRAC Group A).</p> <p>The applicant has provided information on resistance or cross-resistance development in different countries. It is necessary to monitor the efficacy of fenoxaprop-P-ethyl herbicide (solo application on monocotyledonous weeds - <i>Alopecurus myosuroides</i>, <i>Apera spica-venti</i>, <i>Avena fatua</i>). The Applicant has provided also the information on the risk management strategy recommended by HRAC. It must be included on the product label.</p>	

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

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

**Table 3.4-1: Presentation of trials selectivity trials.**

Crop*	Country	Type of trial**	Number of trials	Years	GEP, non-GEP, official***	Comments (any other relevant information)
			North-East Zone			
Winter wheat	Poland	S + Y + Q	3	2020	GEP	-
Spring wheat	Poland	S + Y + Q	2	2021	GEP	-
Winter barley	Poland	S + Y + Q	2	2021	GEP	-
Spring barley	Poland	S + Y + Q	3	2020	GEP	-
<b>TOTAL</b>	-	-	<b>10</b>	<b>2020-2021</b>	-	-

- \* According to the GAP table  
\*\* S = selectivity trial, Y = trial with yield assessment, Q = trial with quality assessment, T = trial on the basis of the study of impact on transformation process (TP: Physical transformation, TF: transformation involving microbial fermentation), P = trial with assessment of impact on propagation  
\*\*\* Official: carried out by a national official organisation

**Table 3.4-2: Presentation of reference standards used in selectivity trials.**

Not applicable, no reference standards were used in the bridging trials.

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

#### Materials and methods

The applicant submitted 10 reports (in total) showing the results in research into product selectivity carried out in 2020 and 2021 in winter wheat (3 trials), in spring wheat (2 trials), in winter barley (2 trials) and in spring barley (3 trials). List of these reports is contained in Appendix 1.

#### Site

Trials were conducted in different regions in Poland where winter wheat, spring wheat, winter triticale, winter barley and spring barley are grown commercially. The experiment was established on a set of complete randomized blocks in 4 replications. Details on trial sites, applications and data on effectiveness are included in Appendix 4 and 5.

#### Testing units

Efficacy studies on herbicide CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B were performed in 2020 and 2021 by:

- SynTech Research Poland Sp. z o.o., ul. Jagiellońska 69/1, 85-027 Bydgoszcz, Poland
- A.T Sp. z o.o., ul. Przemysłowa 3, 88-300 Mogilno, Poland
- Poznań University of Life Sciences, Research and Education Center Gorzyń, ul. Wojska Polskiego 28, 60-637 Poznań; Poland

#### Experimental details

The efficacy trials were designed, conducted and reported according to the following EPPO guidelines:

- PP 1/135 (3) Phytotoxicity assessment
- PP 1/152 (3) Design and analysis of efficacy evaluation trials
- PP 1/181 (3) Conduct and reporting of efficacy evaluation trials including good experimental practice

They were carried out on the field in the conditions of natural agrofag infestation. The efficacy trials were concluded according to the EPPO standards:

- PP 1/93 (3) Weeds in cereals

#### Assessment methods

##### Statistical Analysis

The treatment means of the assessment dates were calculated and compared using Student-Newman-Keuls test ( $P=0.05$ ). The statistical procedures were applied using ARM 2020.1 software.

Software for analysis of the results was ARM Revision 2017.4 from Gylling Data Management. Data were analysed using analysis of variance (ANOVA) on untransformed data and on transformed ones when the Bartlett's test indicated so. If transformation did not improve the distribution, original values were used and therefore significant differences reported should be interpreted with caution. The probability of no significant differences occurring between treatment means was calculated as the F probability value (Treatment Prob(F)). Student-Newman-Keuls (S-N-K) tests were applied when treatment differences were identified on the basis of the ANOVA test. Mean comparison performed only when AOV Treatment P(F) is significant at level selected. Results obtained were indicated by a letter-treatment means with no letters in common are significantly different in accordance with a S-N-K conducted at a 95% confidence level. Where data have been transformed, letters are included in the transformed data.

#### Assessment of phytotoxicity

Phytotoxicity were assessed by visual estimation of the intensity on an overall plot basis on a percentage scale 0-100 % (0=no damage).

#### Harvest

The crop was harvested with a combine harvester from the central part of each plot.  
Sample for each plots was analyzed on the grain analyzer: Aquamatic 5200 Perten; Inframatic 8800.  
Tuber were harvested by hand from the two central rows from each plots.

#### Applications methods and rates

The applications were carried out by a BACCAI, BACSPR and SPRBIC.

#### **Tested herbicide was applied at the growth stage in:**

BBCH 29-31 in winter wheat,  
BBCH 21-25 in spring wheat,  
BBCH 25-31 in winter barley,  
BBCH 23-30 in spring barley.

The product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B has been used in winter wheat, spring wheat, winter barley and spring barley at the following rates of:

0.7 and 1.4 L/ha – postemergence application once a season, which are corresponding to 77-154 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 25 g/ha and 1.0 L/ha + 50 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG – postemergence application once a season, which are corresponding to 55 -110 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha and 1.0 L/ha + 0.8 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application once a season, which are corresponding to 55 – 110 g a.s./ha (fenoxaprop-P-etylu).

The reference product was not applied.

The experiment was established on a set of complete randomized blocks in 4 replications.

#### **Experiment pattern:**

No.	Name	Rate (L, kg/ha)	other rate (g a.s./ha) fenoxa-prop-P-etylu	Appl code	Growth Stage BBCH
1	Untreated Check				
2	CHR/H/FET 110 EC - Part A	0.70	77 g a.s./ha	A	BBCH 29-31 in winter wheat, BBCH 21-25 in spring wheat, BBCH 25-31 in winter barley, BBCH 23-30 in spring barley.
3	CHR/H/FET 110 EC - Part A	1.40	154 g a.s./ha	A	
4	CHR/H/FETEC 110 EC - Part B	0.70	77 g a.s./ha	A	
5	CHR/H/FETEC 110 EC - Part B	1.40	154 g a.s./ha	A	
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	55 g a.s./ha	A	
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	110 g a.s./ha	A	
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	55 g a.s./ha	A	
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	110 g a.s./ha	A	
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	55 g a.s./ha	A	

11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	110 g a.s./ha	A	
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	55 g a.s./ha	A	
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	110 g a.s./ha	A	

#### Details of experiments

##### Winter wheat

Report code	A.T/2020/059/PO	A.T/2020/060/PO	AH/20/PO/21/Gr
Location	Moszczenica/ Poland	Stare Gralewo/ Poland	Gorzyń/Poland
Plant /cultivar	winter wheat/ Hondia	winter wheat/Kilimanjaro	winter wheat/ Jantarka
Seeding date	17.10.2019	05.10.2019	04.10.2019
Seeding rate	180 kg/ha	160 kg/ha	213 kg/ha
Forecrop	winter rape	maize	leguminous plants
Type of sprayer	BACCAI	BACCAI	BICCAI
Date of treatment	11.04.2020	11.04.2020	17.04.2020
Plant development phase	BBCH 30-31	BBCH 29-31	BBCH 31
Soil type	sandy loam	sandy loam	sandy loam
pH	5.8	7.7	6.1
Water (L/ha)	200 L/ha	300 L/ha	200 L/ha

##### Spring wheat

Report code I	A.T/2021/038/PJ	SRPL21-420-336HE
Location	Mirosław/ Poland	Witoldowo/ Poland
Plant /cultivar	spring wheat/ Radocha	spring wheat/ Parabola
Seeding date	21.04.2021	25.03.2021
Seeding rate	250 kg/ha	190 kg/ha



<b>Forecrop</b>	winter rye	sugar beet
<b>Type of sprayer</b>	BACCAI	BACCAI
<b>Date of treatment A</b>	14.05.2021	20.05.2021
<b>Plant development phase A</b>	BBCH 21-25	BBCH 22-23
<b>Soil type</b>	sandy loam	loam
<b>pH</b>	5.5	6.5
<b>Water (L/ha)</b>	300 L/ha	300 L/ha

#### Winter barley

<b>Report code I</b>	<b>A.T/2021/037/JO</b>	<b>AH/21/JO/10/Br</b>
<b>Location</b>	Trzciany/Poland	Brody/Poland
<b>Plant /cultivar</b>	winter barley/ Melia	winter barley/ SU-JULE
<b>Seeding date</b>	18.09.2020	17.09.2020
<b>Seeding rate</b>	130 kg/ha	180 kg/ha
<b>Forecrop</b>	potatoes	winter oilseed rape
<b>Type of sprayer</b>	BACCAI	BICCAI
<b>Date of treatment A</b>	17.04.2021	20.04.2021
<b>Plant development phase A</b>	BBCH 25-30	BBCH 31
<b>Soil type</b>	loamy sand	sandy loam
<b>pH</b>	5.9	5.8
<b>Water (L/ha)</b>	200 L/ha	230 L/ha

#### Spring barley

<b>Report code I</b>	<b>A.T/2020/061/JJ</b>	<b>A.T/2020/062/JJ</b>	<b>AH/20/JJ/21/Gr</b>
<b>Location</b>	Maniewo/ Poland	Bogucin/ Poland	Gorzyń/ Poland
<b>Plant /cultivar</b>	spring barley/ Feedway	spring barley/ Ella	spring barley/ Ella
<b>Seeding date</b>	09.03.2020	20.04.2020	18.03.2020
<b>Seeding rate</b>	145 kg/ha	200 kg/ha	180 kg/ha
<b>Forecrop</b>	winter wheat	sugar beet	potatoes
<b>Type of sprayer</b>	BACCAI	BACCAI	BICCAI
<b>Date of treatment A</b>	07.05.2020	20.05.2020	13.05.2020

<b>Plant development phase A</b>	BBCH 25-30	BBCH 23-28	BBCH 25-26
<b>Soil type</b>	loamy sand	sandy loam	sandy loam
<b>pH</b>	6.4	7.3	6.2
<b>Water (L/ha)</b>	200 L/ha	200 L/ha	200 L/ha

Details of agricultural measures, fertilization, and other plant protection products applied during the experiments are included in detailed field study reports listed above.

**Table 3.4-3:                    Phytotoxicity of product**

The 3 selectivity and 8 efficacy trials in winter wheat were carried out in Poland in 2020 and 2021 on a wide range of commercially grown varieties. There were not observed any phytotoxicity symptoms on tested product in trials.

[illegible]

The 2 selectivity trials in spring wheat were carried out in Poland in 2021 on a wide range of commercially grown varieties. There were not observed any phytotoxicity symptoms on tested product in trials.

[illegible]

The 2 selectivity trials in winter barley were carried out in Poland in 2021 on a wide range of commercially grown varieties. There were not observed any phytotoxicity symptoms on tested product in trials.

[illegible]

Product code: CHR/H/FETEC 110 EC  
Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC  
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The 3 selectivity and 7 efficacy trials in spring barley were carried out in Poland in 2020 and 2021 on a wide range of commercially grown varieties. There were not observed any phytotoxicity symptoms on tested product in trials.

[illegible]

Study Comments: dRR point 3.4.1	Studies are acceptable.
<p>Data were submitted to support the evaluation for the authorization of CHR/H/FETEC 110 EC Part B - the new formulation after changing ingredients in the former formulation CHR/H/FET 110 EC Part A. The evaluator has taken under consideration rules concerning requirements for bridging trials (for product applied solo).</p> <p>Phytotoxicity symptoms were checked in 3 selectivity trials on winter wheat (BBCH 29-31), in 2 selectivity trials on spring wheat (BBCH 21-25), in 2 selectivity trials on winter barley (BBCH 25-31) and in 3 selectivity trials on spring barley (BBCH 23-30). CHR/H/FETEC 110 EC Part B was applied:</p> <ul style="list-style-type: none"><li>• solo at the do rate of 0,7 l product/ha (1N) and 1,4 l/ha (2N);</li><li>• 0,5 L/ha of CHR/H/FETEC 110 EC Part B + 25 g/ha of Tristar 50 SG (1N) and 1.0 L/ha of CHR/H/FETEC 110 EC Part B + 50 g/ha of Tristar 50 SG (2N)</li><li>• 0,5 L/ha of CHR/H/FETEC 110 EC Part B + 0.4 L/ha of Galaper 200 EC (1N) and 1,0 L/ha of CHR/H/FETEC 110 EC Part B + 0,8 L/ha of Galaper 200 EC (2N)</li></ul> <p>and compared to the CHR/H/FET 110 EC Part A solo and in mixtures (1N and 2 N).</p> <p>Selectivity of the product solo and in mixtures was not tested on winter tritcale. In according to PP 1/307(2) “Efficacy considerations and data generation when making changes to the chemical composition or formulation type of plant protection products”, testing of selectivity on closely related crops may not be necessary. Winter tritcale is closely related with winter wheat therefore this exception can be applicable in this case. Nevertheless it is proposed to submit to submit 2 bridging trials post-authorised in order to assess the selectivity of the product used solo in winter tritcale.</p> <p>The phytotoxicity symptoms were also checked in efficacy trials (winter wheat BBCH 25-32 and spring barley BBCH 21-31) and no symptoms of negative product performance on crops were found.</p>	

Selectivity trials:

- in 1 trial in spring wheat (variety Radocha) CHR/H/FETEC 110 EC Part B in the mixture with Galaper 200 EC, applied at the 2N dose rate caused only relatively low levels (1%) of phytotoxicity- necrosis of leaf tip (14 DAA, BBCH 27). These symptoms were transient and at the next date of assessment (21 DAA,) there were no symptoms of phytotoxicity. CHR/H/FETEC 110 EC Part A in the mixture with Galaper 200 EC gave similar effects.
- In 2 trials in spring barley (variety Feedway, Ella) CHR/H/FETEC 110 EC Part B applied at the 1N and 2N dose rate caused only relatively low levels ( $\leq 10\%$ ) of crops phytotoxicity:
  - variety Feedway: chlorosis (3,5% for 2N dose rate solo product, 12 DAA, BBCH 35; 2,3% for 2N dose rate product in mixture with Galaper, 12 DAA, BBCH 35). In all cases these symptoms were transient and at the next date of assessment (21 DAA, BBCH 45) there were no symptoms of phytotoxicity. CHR/H/FETEC 110 EC Part A solo and in the mixture with Galaper 200 EC gave stronger effect of phytotoxicity.
  - variety Ella: stunting (5% for 1N and 2N dose rate of the solo product, 12 DAA, BBCH 30), chlorosis (5% and 9 % for 1N and 2N dose rate respectively of the solo product, 12 DAA, BBCH 30). In all cases these symptoms were transient and at the next date of assessment 21 DAA, BBCH 39) there were no symptoms of phytotoxicity. CHR/H/FET 110 EC Part A gave similar effects.

Generally CHR/H/FET 110 EC Part A solo and in mixtures gave more of transient phytotoxicity symptoms than CHR/H/FETEC 110 EC Part B solo and in mixtures. CHR/H/FETEC 110 EC Part B applied solo gave some slight phytotoxicity symptoms only on spring barley, which was tested from early phase BBCH 23. What is more there was not observed any negative relationship between phytotoxicity and yield in concerned crops. It might concluded that crop safety of CHR/H/FETEC 110 EC Part B application in winter wheat, winter barley, winter triticale, spring wheat and spring barley can be claimed as proposed in the GAP table (BBCH 20-31).

What is more, for CHR/H/FET 110 EC Part B applied in mixtures with other authorized products additional selectivity data should be submitted. Because CHR/H/FET 110 EC Part B in mixtures gave slight transient phytotoxicity symptoms, it is proposed to submit the following selectivity data post-authorised in order to confirm selectivity of use mixtures: winter wheat - 1 for each mixture,



spring wheat – 2 for each mixture, winter barley – 2 for each mixture, spring barley 1 for each mixture, triticale – 4 for each mixture.

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

Influence of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on the yield of grains was evaluated in selectivity research. The yield was evaluated on the basis of harvested grains/ quantity from one hectare (t/ha). The influence of the tested product on quantity of grain was evaluated in 3 field experiments in winter wheat, 2 field experiments in spring wheat, 2 field experiments in winter barley and 3 field experiments in spring barley. There weren't difference between the treatment objects and standard.

table 3.4.2.1-1 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on winter wheat yield quantity [t/ha]

Crop code			winter wheat yield t/ha					
Report code			A.T/2020/059/PO	A.T/2020/060/PO	AH/20/PO/21/Gr			
Application date			11.04.2020	11.04.2020	17.04.2020			
Crop stage in application			BBCH 30-31	BBCH 29-31	BBCH 31			
Assessment date			14.08.2020	07.08.2020	24.07.2020			
Days after application DA-A			125 DA-A	118 DA-A	98 DA-A			
Crop stage majority			BBCH 89	BBCH 89	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	10.79	9.70	6.54	9.01	6.54	10.79
2	CHR/H/FET 110 EC - Part A	0.70	10.74	9.73	6.73	9.07	6.73	10.74
3	CHR/H/FET 110 EC - Part A	1.40	10.59	9.62	6.54	8.92	6.54	10.59
4	CHR/H/FETEC 110 EC - Part B	0.70	10.58	9.62	5.59	8.60	5.59	10.58
5	CHR/H/FETEC 110 EC - Part B	1.40	10.53	9.68	6.77	8.99	6.77	10.53
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	10.54	9.81	6.77	9.04	6.77	10.54
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	10.62	9.86	6.88	9.12	6.88	10.62
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	10.70	9.84	5.68	8.74	5.68	10.70
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	10.28	9.71	5.97	8.65	5.97	10.28
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	10.61	9.69	5.83	8.71	5.83	10.61
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	10.39	9.72	6.05	8.72	6.05	10.39
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	10.49	9.84	7.01	9.11	7.01	10.49
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	10.62	9.85	6.15	8.87	6.15	10.62
LSD(P=.05)			0.500	0.331	1.35			

table 3.4.2.1-2 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on spring wheat yield quantity [t/ha]

Crop code			spring wheat yield t/ha				
Report code			A.T/2021/038/PJ	SRPL21-420-336HE			
Application date			14.05.2021	20.05.2021			
Crop stage in application			BBCH 21-25	BBCH 22-23			
Assessment date			07.08.2021	13.08.2021			
Days after application DA-A			85 DA-A	85 DA-A			
Crop stage majority			BBCH 97	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	3.36	5.12	4.24	3.36	5.12
2	CHR/H/FET 110 EC - Part A	0.70	3.33	5.19	4.26	3.33	5.19
3	CHR/H/FET 110 EC - Part A	1.40	3.57	4.96	4.27	3.57	4.96
4	CHR/H/FETEC 110 EC - Part B	0.70	3.23	5.07	4.15	3.23	5.07
5	CHR/H/FETEC 110 EC - Part B	1.40	3.17	5.21	4.19	3.17	5.21
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	3.37	5.03	4.20	3.37	5.03
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	3.34	5.15	4.25	3.34	5.15
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	3.43	4.99	4.21	3.43	4.99
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	3.35	5.16	4.26	3.35	5.16
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	3.38	5.02	4.20	3.38	5.02
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	3.57	5.26	4.42	3.57	5.26
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	3.46	4.90	4.18	3.46	4.90
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	3.35	5.15	4.25	3.35	5.15
LSD(P=.05)			0.341	0.319			

table 3.4.2.1-3 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on winter barley yield quantity [t/ha]

Crop code			winter barley yield t/ha				
Report code			A.T/2021/037/JO	AH/21/JO/10/Br			
Application date			17.04.2021	20.04.2021			
Crop stage in application			BBCH 25-30	BBCH 31			
Assessment date			16.07.2021	07.07.2021			
Days after application DA-A			90 DA-A	78 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	7.01	6.82	6.92	6.82	7.01
2	CHR/H/FET 110 EC - Part A	0.70	7.1	6.6	6.85	6.60	7.10
3	CHR/H/FET 110 EC - Part A	1.40	7.13	6.78	6.96	6.78	7.13
4	CHR/H/FETEC 110 EC - Part B	0.70	7.14	6.8	6.97	6.80	7.14
5	CHR/H/FETEC 110 EC - Part B	1.40	7.18	6.72	6.95	6.72	7.18
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	7.19	6.78	6.99	6.78	7.19
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	7.17	6.87	7.02	6.87	7.17
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	7.06	6.81	6.94	6.81	7.06
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	7.16	6.80	6.98	6.80	7.16
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	6.97	6.74	6.86	6.74	6.97
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	7.15	6.98	7.07	6.98	7.15
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	7.12	6.83	6.98	6.83	7.12
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	6.96	6.82	6.89	6.82	6.96
LSD(P=.05)			0.235	0.510			

table 3.4.2.1-4 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on spring barley yield quantity [t/ha]

Crop code			spring barley yield t/ha					
Report code			A.T/2020/061/JJ	A.T/2020/062/JJ	AH/20/JJ/21/Gr			
Application date			07.05.2020	20.05.2020	13.05.2020			
Crop stage in application			BBCH 25-30	BBCH 23-28	BBCH 25-26			
Assessment date			29.07.2020	11.08.2020	30.07.2020			
Days after application DA-A			83 DA-A	83 DA-A	78 DA-A			
Crop stage majority			BBCH 89	BBCH 93	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	4.50	3.47	2.47	3.48	2.47	4.50
2	CHR/H/FET 110 EC - Part A	0.70	4.63	3.48	2.66	3.59	2.66	4.63
3	CHR/H/FET 110 EC - Part A	1.40	4.20	3.40	2.57	3.39	2.57	4.20
4	CHR/H/FETEC 110 EC - Part B	0.70	4.21	3.39	2.52	3.37	2.52	4.21
5	CHR/H/FETEC 110 EC - Part B	1.40	4.46	3.44	2.41	3.44	2.41	4.46
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	4.29	3.40	2.57	3.42	2.57	4.29
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	4.03	3.45	2.36	3.28	2.36	4.03
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	4.51	3.28	2.67	3.49	2.67	4.51
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	4.24	3.48	2.82	3.51	2.82	4.24
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	4.32	3.74	3.25	3.77	3.25	4.32
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	4.58	3.32	3.12	3.67	3.12	4.58
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	4.25	3.59	3.54	3.79	3.54	4.25
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	4.21	3.58	3.15	3.65	3.15	4.21
LSD(P=.05)			0.467	0.465	0.48			

**Table 3.4-4: Relationship between phytotoxicity and yield.**

Not applicable.

There were not observed any phytotoxicity symptoms on tested product in trials. This effects didn't have any negative effect on the yield of winter wheat, spring wheat, winter barley and spring barley.

Study Comments: 3.4.2 dRR point: 3.4.2	Studies are acceptable
The Applicant presented data obtained from 10 trials selectivity trials. CHR/H/FETEC 110 EC Part B at rates 1N and 2N applied solo and in the mixtures had no negative effect on the yield of winter wheat, winter barley, spring wheat, spring barley.	

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

The influence of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of winter wheat, spring wheat, winter barley and spring barley grain was evaluated in 10 field experiments. There weren't difference between the treatment objects.

Details of the data shows tables below.

## Winter wheat

table 3.4.3.1-1 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter wheat moisture content %					
Report code			A.T/2020/059/PO	A.T/2020/060/PO	AH/20/PO/21/Gr			
Application date			11.04.2020	11.04.2020	17.04.2020			
Crop stage in application			BBCH 30-31	BBCH 29-31	BBCH 31			
Assessment date			14.08.2020	07.08.2020	24.07.2020			
Days after application DA-A			125 DA-A	118 DA-A	98 DA-A			
Crop stage majority			BBCH 89	BBCH 89	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	12.38	13.05	11.13	12.19	11.13	13.05
2	CHR/H/FET 110 EC - Part A	0.70	12.53	13.00	11.50	12.34	11.50	13.00
3	CHR/H/FET 110 EC - Part A	1.40	12.65	12.90	10.63	12.06	10.63	12.90
4	CHR/H/FETEC 110 EC - Part B	0.70	12.73	12.90	<del>40.58</del> 10.58	22.07	12.73	40.58
5	CHR/H/FETEC 110 EC - Part B	1.40	12.60	13.00	11.08	12.23	11.08	13.00
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	12.55	13.05	11.33	12.31	11.33	13.05
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	12.55	13.00	11.55	12.37	11.55	13.00
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	12.48	12.98	10.90	12.12	10.90	12.98
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	12.63	13.08	10.60	12.10	10.60	13.08
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	12.43	12.83	10.50	11.92	10.50	12.83
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	12.43	13.05	10.75	12.08	10.75	13.05
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	12.48	13.05	10.98	12.17	10.98	13.05
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	12.70	13.00	10.88	12.19	10.88	13.00
LSD(P=.05)			0.321	0.267	0.922			

table 3.4.3.1-2 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter wheat TGW g					
Report code			A.T/2020/059/PO	A.T/2020/060/PO	AH/20/PO/21/Gr			
Application date			11.04.2020	11.04.2020	17.04.2020			
Crop stage in application			BBCH 30-31	BBCH 29-31	BBCH 31			
Assessment date			08.09.2020	08.09.2020	24.07.2020			
Days after application DA-A			150 DA-A	150 DA-A	98 DA-A			
Crop stage majority			BBCH 99	BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	51.73	47.08	47.13	48.65	47.08	51.73
2	CHR/H/FET 110 EC - Part A	0.70	51.3	48.74	47.73	49.26	47.73	51.30
3	CHR/H/FET 110 EC - Part A	1.40	50.80	45.68	46.35	47.61	45.68	50.80
4	CHR/H/FETEC 110 EC - Part B	0.70	49.57	47.24	46.38	47.73	46.38	49.57
5	CHR/H/FETEC 110 EC - Part B	1.40	50.59	44.97	45.65	47.07	44.97	50.59
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	48.56	45.95	47.83	47.45	45.95	48.56
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	48.28	46.24	48.30	47.61	46.24	48.30
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	51.28	45.74	46.43	47.82	45.74	51.28
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	50.42	45.42	45.78	47.21	45.42	50.42
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	51.18	47.97	45.98	48.38	45.98	51.18
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	50.21	46.61	46.33	47.72	46.33	50.21
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	48.84	47.49	47.15	47.83	47.15	48.84
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	48.52	50.97	45.18	48.22	45.18	50.97
LSD(P=.05)			3.205	2.859	2.471			



table 3.4.3.1-3 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter wheat HLW kg/HI					
Report code			A.T/2020/059/PO	A.T/2020/060/PO	AH/20/PO/21/Gr			
Application date			11.04.2020	11.04.2020	17.04.2020			
Crop stage in application			BBCH 30-31	BBCH 29-31	BBCH 31			
Assessment date			08.09.2020	08.09.2020	24.07.2020			
Days after application DA-A			150 DA-A	150 DA-A	98 DA-A			
Crop stage majority			BBCH 99	BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	77.50	76.13	72.78	75.47	72.78	77.50
2	CHR/H/FET 110 EC - Part A	0.70	77.48	76.45	73.03	75.65	73.03	77.48
3	CHR/H/FET 110 EC - Part A	1.40	77.78	76.23	72.28	75.43	72.28	77.78
4	CHR/H/FETEC 110 EC - Part B	0.70	77.78	76.25	72.83	75.62	72.83	77.78
5	CHR/H/FETEC 110 EC - Part B	1.40	77.70	75.68	72.63	75.34	72.63	77.70
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	76.95	76.33	73.43	75.57	73.43	76.95
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	77.93	76.48	73.68	76.03	73.68	77.93
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	77.53	76.08	72.93	75.51	72.93	77.53
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	77.75	75.88	72.75	75.46	72.75	77.75
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	77.35	76.08	72.63	75.35	72.63	77.35
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	77.35	76.48	72.53	75.45	72.53	77.35
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	77.50	75.75	73.20	75.48	73.20	77.50
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	77.75	75.85	72.03	75.21	72.03	77.75
LSD(P=.05)			1.118	0.778	1.882			

table 3.4.3.1-4 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter wheat protein content %					
Report code			A.T/2020/059/PO	A.T/2020/060/PO	AH/20/PO/21/Gr			
Application date			11.04.2020	11.04.2020	13.05.2020			
Crop stage in application			BBCH 30-31	BBCH 29-31	BBCH 25-26			
Assessment date			08.09.2020	08.09.2020	08.08.2020			
Days after application DA-A			150 DA-A	150 DA-A	87 DA-A			
Crop stage majority			BBCH 99	BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	12.98	11.45	11.95	12.13	11.45	12.98
2	CHR/H/FET 110 EC - Part A	0.70	12.83	12.15	11.9	12.29	11.90	12.83
3	CHR/H/FET 110 EC - Part A	1.40	12.83	12.00	12.03	12.29	12.00	12.83
4	CHR/H/FETEC 110 EC - Part B	0.70	13	11.95	11.8	12.25	11.80	13.00
5	CHR/H/FETEC 110 EC - Part B	1.40	12.83	11.63	12.13	12.20	11.63	12.83
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	13.00	12.25	12.25	12.50	12.25	13.00
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	13.03	11.88	12.05	12.32	11.88	13.03
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	12.88	11.73	11.80	12.14	11.73	12.88
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	12.95	11.63	11.80	12.13	11.63	12.95
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	12.95	11.75	12.05	12.25	11.75	12.95
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	12.98	12.68	11.88	12.51	11.88	12.98
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	12.85	11.48	12.13	12.15	11.48	12.85
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	12.93	11.55	11.95	12.14	11.55	12.93
LSD(P=.05)			0.506	1.231	0.338			

table 3.4.3.1-5 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter wheat gluten content %				
Report code			A.T/2020/059/PO	A.T/2020/060/PO			
Application date			11.04.2020	11.04.2020			
Crop stage in application			BBCH 30-31	BBCH 29-31			
Assessment date			08.09.2020	08.09.2020			
Days after application DA-A			150 DA-A	150 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	28.15	23.40	25.78	23.40	28.15
2	CHR/H/FET 110 EC - Part A	0.70	27.68	24.6	26.14	24.60	27.68
3	CHR/H/FET 110 EC - Part A	1.40	27.60	24.70	26.15	24.70	27.60
4	CHR/H/FETEC 110 EC - Part B	0.70	27.23	23.18	25.21	23.18	27.23
5	CHR/H/FETEC 110 EC - Part B	1.40	27.70	23.98	25.84	23.98	27.70
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	28.30	25.30	26.80	25.30	28.30
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	27.95	24.00	25.98	24.00	27.95
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	27.83	25.20	26.52	25.20	27.83
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	27.98	24.05	26.02	24.05	27.98
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	27.93	23.70	25.82	23.70	27.93
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	27.98	25.93	26.96	25.93	27.98
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	27.50	23.65	25.58	23.65	27.50
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	27.55	22.88	25.22	22.88	27.55
LSD(P=.05)			1.332	2.929			

## Spring wheat

table 3.4.3.1-6 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring wheat moisture content %				
Report code			A.T/2021/038/PJ	SRPL21-420-336HE			
Application date			14.05.2021	20.05.2021			
Crop stage in application			BBCH 21-25	BBCH 22-23			
Assessment date			07.08.2021	13.08.2021			
Days after application DA-A			85 DA-A	85 DA-A			
Crop stage majority			BBCH 97	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	13.13	13.05	13.09	13.05	13.13
2	CHR/H/FET 110 EC - Part A	0.70	13.13	12.98	13.06	12.98	13.13
3	CHR/H/FET 110 EC - Part A	1.40	13.08	12.98	13.03	12.98	13.08
4	CHR/H/FETEC 110 EC - Part B	0.70	13.13	13.03	13.08	13.03	13.13
5	CHR/H/FETEC 110 EC - Part B	1.40	13.15	13.10	13.13	13.10	13.15
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	13.10	12.98	13.04	12.98	13.10
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 + 0.8	13.08	12.95	13.02	12.95	13.08
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	13.05	13.03	13.04	13.03	13.05
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 + 0.8	13.18	12.95	13.07	12.95	13.18
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	13.15	12.98	13.07	12.98	13.15
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	13.08	13.00	13.04	13.00	13.08
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	13.03	13.13	13.08	13.03	13.13
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	13.13	12.83	12.98	12.83	13.13
LSD(P=.05)			0.154	0.473			

table 3.4.3.1-7 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring wheat TGW g				
Report code			A.T/2021/038/PJ	SRPL21-420-336HE			
Application date			14.05.2021	20.05.2021			
Crop stage in application			BBCH 21-25	BBCH 22-23			
Assessment date			23.09.2021	16.08.2021			
Days after application DA-A			132 DA-A	88 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	39.60	40.68	40.14	39.60	40.68
2	CHR/H/FET 110 EC - Part A	0.70	39.83	40.63	40.23	39.83	40.63
3	CHR/H/FET 110 EC - Part A	1.40	39.54	41.05	40.30	39.54	41.05
4	CHR/H/FETEC 110 EC - Part B	0.70	41.26	40.1	40.68	40.10	41.26
5	CHR/H/FETEC 110 EC - Part B	1.40	39.32	40.73	40.03	39.32	40.73
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	39.95	41.15	40.55	39.95	41.15
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	39.99	40.58	40.29	39.99	40.58
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	39.15	41.18	40.17	39.15	41.18
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	40.49	40.23	40.36	40.23	40.49
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	40.85	41.78	41.32	40.85	41.78
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	39.12	40.70	39.91	39.12	40.70
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	39.35	40.83	40.09	39.35	40.83
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	38.31	41.15	39.73	38.31	41.15
LSD(P=.05)			1.749	1.378			

table 3.4.3.1-8 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring wheat HLW kg/Hl				
Report code			A.T/2021/038/PJ	SRPL21-420-336HE			
Application date			14.05.2021	20.05.2021			
Crop stage in application			BBCH 21-25	BBCH 22-23			
Assessment date			23.09.2021	16.08.2021			
Days after application DA-A			132 DA-A	88 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	70.50	71.50	71.00	70.50	71.50
2	CHR/H/FET 110 EC - Part A	0.70	70.25	72.85	71.55	70.25	72.85
3	CHR/H/FET 110 EC - Part A	1.40	69.68	71.63	70.66	69.68	71.63
4	CHR/H/FETEC 110 EC - Part B	0.70	70.8	72.58	71.69	70.80	72.58
5	CHR/H/FETEC 110 EC - Part B	1.40	69.35	71.23	70.29	69.35	71.23
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	69.95	72.38	71.17	69.95	72.38
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	69.33	72.13	70.73	69.33	72.13
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	68.95	72.45	70.70	68.95	72.45
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	69.65	72.83	71.24	69.65	72.83
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	70.00	72.00	71.00	70.00	72.00
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	69.08	72.75	70.92	69.08	72.75
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	70.25	72.28	71.27	70.25	72.28
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	69.23	71.63	70.43	69.23	71.63
LSD(P=.05)			1.402	1.783			

table 3.4.3.1-9 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring wheat protein content %				
Report code			A.T/2021/038/PJ	SRPL21-420-336HE			
Application date			14.05.2021	20.05.2021			
Crop stage in application			BBCH 21-25	BBCH 22-23			
Assessment date			23.09.2021	16.08.2021			
Days after application DA-A			132 DA-A	88 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	14.45	14.20	14.33	14.20	14.45
2	CHR/H/FET 110 EC - Part A	0.70	14.5	14.08	14.29	14.08	14.50
3	CHR/H/FET 110 EC - Part A	1.40	14.50	13.80	14.15	13.80	14.50
4	CHR/H/FETEC 110 EC - Part B	0.70	14.88	14.18	14.53	14.18	14.88
5	CHR/H/FETEC 110 EC - Part B	1.40	14.28	13.95	14.12	13.95	14.28
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	14.88	14.05	14.47	14.05	14.88
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	14.53	14.15	14.34	14.15	14.53
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	14.58	13.90	14.24	13.90	14.58
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	14.60	14.08	14.34	14.08	14.60
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	14.48	14.25	14.37	14.25	14.48
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	14.53	13.95	14.24	13.95	14.53
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	14.48	14.10	14.29	14.10	14.48
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	14.20	13.70	13.95	13.70	14.20
LSD(P=.05)			0.579	0.482			

table 3.4.3.1-10 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring wheat gluten content %			
Report code			A.T/2021/038/PJ			
Application date			14.05.2021			
Crop stage in application			BBCH 21-25			
Assessment date			23.09.2021			
Days after application DA-A			132 DA-A			
Crop stage majority			BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)				
1	Untreated Check	-	30.50	30.50	30.50	30.50
2	CHR/H/FET 110 EC - Part A	0.70	30.38	30.38	30.38	30.38
3	CHR/H/FET 110 EC - Part A	1.40	30.60	30.60	30.60	30.60
4	CHR/H/FETEC 110 EC - Part B	0.70	31.5	31.50	31.50	31.50
5	CHR/H/FETEC 110 EC - Part B	1.40	29.73	29.73	29.73	29.73
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	31.45	31.45	31.45	31.45
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	30.75	30.75	30.75	30.75
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	30.83	30.83	30.83	30.83
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	30.50	30.50	30.50	30.50
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	30.53	30.53	30.53	30.53
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	30.78	30.78	30.78	30.78
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	30.50	30.50	30.50	30.50
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	29.68	29.68	29.68	29.68
LSD(P=.05)			1.454			



## Winter barley

table 3.4.3.1-11 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter barley moisture content %				
Report code			A.T/2021/037/JO	AH/21/JO/10/Br			
Application date			17.04.2021	20.04.2021			
Crop stage in application			BBCH 25-30	BBCH 31			
Assessment date			16.07.2021	07.07.2021			
Days after application DA-A			90 DA-A	78 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	13.50	14.53	14.02	13.50	14.53
2	CHR/H/FET 110 EC - Part A	0.70	13.55	13.55	13.55	13.55	13.55
3	CHR/H/FET 110 EC - Part A	1.40	13.50	13.58	13.54	13.50	13.58
4	CHR/H/FETEC 110 EC - Part B	0.70	13.6	13.15	13.38	13.15	13.60
5	CHR/H/FETEC 110 EC - Part B	1.40	13.55	13.40	13.48	13.40	13.55
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	13.43	13.88	13.66	13.43	13.88
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	13.38	14.05	13.72	13.38	14.05
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	13.55	14.15	13.85	13.55	14.15
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	13.55	13.68	13.62	13.55	13.68
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	13.60	13.58	13.59	13.58	13.60
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	13.38	13.75	13.57	13.38	13.75
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	13.48	13.85	13.67	13.48	13.85
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	13.50	13.78	13.64	13.50	13.78
LSD(P=.05)			0.206	0.601			

table 3.4.3.1-12 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter barley TGW g				
Report code			A.T/2021/037/JO	AH/21/JO/10/Br			
Application date			17.04.2021	20.04.2021			
Crop stage in application			BBCH 25-30	BBCH 31			
Assessment date			03.09.2021	29.07.2021			
Days after application DA-A			139 DA-A	100 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	42.46	50.16	46.31	42.46	50.16
2	CHR/H/FET 110 EC - Part A	0.70	39.48	47.43	43.46	39.48	47.43
3	CHR/H/FET 110 EC - Part A	1.40	41.01	47.44	44.23	41.01	47.44
4	CHR/H/FETEC 110 EC - Part B	0.70	42.59	46.66	44.63	42.59	46.66
5	CHR/H/FETEC 110 EC - Part B	1.40	41.71	46.95	44.33	41.71	46.95
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	40.64	49.70	45.17	40.64	49.70
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	40.71	50.00	45.36	40.71	50.00
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	41.50	49.38	45.44	41.50	49.38
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	41.96	48.10	45.03	41.96	48.10
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	40.14	46.00	43.07	40.14	46.00
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	42.33	49.15	45.74	42.33	49.15
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	40.86	48.79	44.83	40.86	48.79
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	41.04	47.88	44.46	41.04	47.88
LSD(P=.05)			2.180	2.262			

table 3.4.3.1-13 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter barley HLW kg/Hl				
Report code			A.T/2021/037/JO	AH/21/JO/10/Br			
Application date			17.04.2021	20.04.2021			
Crop stage in application			BBCH 25-30	BBCH 31			
Assessment date			03.09.2021	29.07.2021			
Days after application DA-A			139 DA-A	100 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	64.60	61.60	63.10	61.60	64.60
2	CHR/H/FET 110 EC - Part A	0.70	63.25	58.45	60.85	58.45	63.25
3	CHR/H/FET 110 EC - Part A	1.40	64.80	57.75	61.28	57.75	64.80
4	CHR/H/FETEC 110 EC - Part B	0.70	64	57.38	60.69	57.38	64.00
5	CHR/H/FETEC 110 EC - Part B	1.40	63.73	58.33	61.03	58.33	63.73
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	63.08	59.13	61.11	59.13	63.08
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	63.83	61.25	62.54	61.25	63.83
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	64.60	59.68	62.14	59.68	64.60
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	63.25	59.68	61.47	59.68	63.25
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	64.80	58.88	61.84	58.88	64.80
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	64.00	56.43	60.22	56.43	64.00
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	63.73	59.23	61.48	59.23	63.73
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	63.08	57.00	60.04	57.00	63.08
LSD(P=.05)			1.227	3.808			

table 3.4.3.1-14 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			winter barley protein content %				
Report code			A.T/2021/037/JO	AH/21/JO/10/Br			
Application date			17.04.2021	20.04.2021			
Crop stage in application			BBCH 25-30	BBCH 31			
Assessment date			03.09.2021	29.07.2021			
Days after application DA-A			139 DA-A	100 DA-A			
Crop stage majority			BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)					
1	Untreated Check	-	10.00	10.60	10.30	10.00	10.60
2	CHR/H/FET 110 EC - Part A	0.70	10.63	11.4	11.02	10.63	11.40
3	CHR/H/FET 110 EC - Part A	1.40	10.75	11.10	10.93	10.75	11.10
4	CHR/H/FETEC 110 EC - Part B	0.70	10.28	10.7	10.49	10.28	10.70
5	CHR/H/FETEC 110 EC - Part B	1.40	10.65	10.90	10.78	10.65	10.90
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	10.68	10.90	10.79	10.68	10.90
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	11.20	10.70	10.95	10.70	11.20
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	10.93	10.50	10.72	10.50	10.93
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	11.13	11.10	11.12	11.10	11.13
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	10.75	10.60	10.68	10.60	10.75
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	10.28	10.80	10.54	10.28	10.80
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	10.65	10.60	10.63	10.60	10.65
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	10.80	11.20	11.00	10.80	11.20
LSD(P=.05)			0.628	-			

## Spring barley

table 3.4.3.1-15 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring barley moisture content %					
Report code			A.T/2020/061/JJ	A.T/2020/062/JJ	AH/20/JJ/21/Gr			
Application date			07.05.2020	20.05.2020	13.05.2020			
Crop stage in application			BBCH 25-30	BBCH 23-28	BBCH 25-26			
Assessment date			29.07.2020	11.08.2020	30.07.2020			
Days after application DA-A			83 DA-A	83 DA-A	78 DA-A			
Crop stage majority			BBCH 89	BBCH 93	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	13.73	12.60	13.98	13.44	12.60	13.98
2	CHR/H/FET 110 EC - Part A	0.70	13.63	12.5	13.1	13.08	12.50	13.63
3	CHR/H/FET 110 EC - Part A	1.40	13.93	12.80	13.53	13.42	12.80	13.93
4	CHR/H/FETEC 110 EC - Part B	0.70	14	12.63	12.5	13.04	12.50	14.00
5	CHR/H/FETEC 110 EC - Part B	1.40	13.90	12.80	14.33	13.68	12.80	14.33
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	13.58	12.75	12.80	13.04	12.75	13.58
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	13.60	12.68	15.43	13.90	12.68	15.43
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	13.60	12.58	13.58	13.25	12.58	13.60
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	13.65	12.68	13.45	13.26	12.68	13.65
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	13.98	12.78	9.50	12.09	9.50	13.98
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	13.80	12.58	11.03	12.47	11.03	13.80
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	14.00	12.38	9.53	11.97	9.53	14.00
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	13.65	12.78	9.90	12.11	9.90	13.65
LSD(P=.05)			0.448	0.394	3.085			

table 3.4.3.1-16 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring barley TGW g					
Report code			A.T/2020/061/JJ	A.T/2020/062/JJ	AH/20/JJ/21/Gr			
Application date			07.05.2020	20.05.2020	13.05.2020			
Crop stage in application			BBCH 25-30	BBCH 23-28	BBCH 25-26			
Assessment date			27.08.2020	14.09.2020	08.08.2020			
Days after application DA-A			112 DA-A	117 DA-A	87 DA-A			
Crop stage majority			BBCH 89	BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	42.21	44.63	46.60	44.48	42.21	46.60
2	CHR/H/FET 110 EC - Part A	0.70	41.09	44.83	47.58	44.50	41.09	47.58
3	CHR/H/FET 110 EC - Part A	1.40	42.04	44.20	46.75	44.33	42.04	46.75
4	CHR/H/FETEC 110 EC - Part B	0.70	42.71	44.38	47.1	44.73	42.71	47.10
5	CHR/H/FETEC 110 EC - Part B	1.40	41.98	45.29	46.78	44.68	41.98	46.78
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	40.34	44.89	47.08	44.10	40.34	47.08
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	41.44	45.95	47.08	44.82	41.44	47.08
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	41.47	44.10	46.98	44.18	41.47	46.98
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	42.35	45.81	46.93	45.03	42.35	46.93
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	40.09	45.55	47.68	44.44	40.09	47.68
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	40.29	43.03	47.18	43.50	40.29	47.18
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	40.94	46.81	48.08	45.28	40.94	48.08
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	40.86	47.67	46.95	45.16	40.86	47.67
LSD(P=.05)			2.650	4.300	1.020			

table 3.4.3.1-17 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring barley HLW kg/Hl					
Report code			A.T/2020/061/JJ	A.T/2020/062/JJ	AH/20/JJ/21/Gr			
Application date			07.05.2020	20.05.2020	13.05.2020			
Crop stage in application			BBCH 25-30	BBCH 23-28	BBCH 25-26			
Assessment date			27.08.2020	14.09.2020	08.08.2020			
Days after application DA-A			112 DA-A	117 DA-A	87 DA-A			
Crop stage majority			BBCH 89	BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	59.78	56.63	62.15	59.52	56.63	62.15
2	CHR/H/FET 110 EC - Part A	0.70	59.4	54.85	62.9	59.05	54.85	62.90
3	CHR/H/FET 110 EC - Part A	1.40	60.40	55.85	62.33	59.53	55.85	62.33
4	CHR/H/FETEC 110 EC - Part B	0.70	59.03	55.87	61.7	58.87	55.87	61.70
5	CHR/H/FETEC 110 EC - Part B	1.40	58.90	55.00	62.20	58.70	55.00	62.20
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	58.90	55.00	62.53	58.81	55.00	62.53
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	60.90	56.43	62.30	59.88	56.43	62.30
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	60.28	56.78	62.25	59.77	56.78	62.25
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	59.73	54.80	63.25	59.26	54.80	63.25
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	58.45	55.90	63.43	59.26	55.90	63.43
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	58.91	55.33	63.45	59.23	55.33	63.45
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	59.03	56.13	62.53	59.23	56.13	62.53
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	59.68	55.75	62.90	59.44	55.75	62.90
LSD(P=.05)			1.512	1.770	1.006			

table 3.4.3.1-18 The influence of the CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on quality of yield

Crop code			spring barley protein content %					
Report code			A.T/2020/061/JJ	A.T/2020/062/JJ	AH/20/JJ/21/Gr			
Application date			07.05.2020	20.05.2020	13.05.2020			
Crop stage in application			BBCH 25-30	BBCH 23-28	BBCH 25-26			
Assessment date			27.08.2020	14.09.2020	08.08.2020			
Days after application DA-A			112 DA-A	117 DA-A	87 DA-A			
Crop stage majority			BBCH 89	BBCH 99	BBCH 99	Average	Min.	Max.
No.	Name	Rate (L, kg/ha)						
1	Untreated Check	-	15.53	14.50	12.70	14.24	12.70	15.53
2	CHR/H/FET 110 EC - Part A	0.70	15.75	14.95	12.6	14.43	12.60	15.75
3	CHR/H/FET 110 EC - Part A	1.40	15.63	14.28	12.60	14.17	12.60	15.63
4	CHR/H/FETEC 110 EC - Part B	0.70	15.75	14.95	12.9	14.53	12.90	15.75
5	CHR/H/FETEC 110 EC - Part B	1.40	15.78	15.25	12.70	14.58	12.70	15.78
6	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	15.78	14.88	12.40	14.35	12.40	15.78
7	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	16.03	14.95	12.90	14.63	12.90	16.03
8	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	15.50	15.15	12.70	14.45	12.70	15.50
9	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	15.53	15.05	12.30	14.29	12.30	15.53
10	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	16.00	14.75	12.50	14.42	12.50	16.00
11	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	15.98	15.80	12.70	14.83	12.70	15.98
12	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	16.15	14.83	12.20	14.39	12.20	16.15
13	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	15.90	15.20	12.70	14.60	12.70	15.90
LSD(P=.05)			0.633	0.940	-			



Study Comments: 3.4.3 dRR point: 3.4.3	Studies are acceptable
The Applicant presented data obtained from 10 selectivity trials. The following yield quality parameters were checked: moisture content, HLW, TGW, protein content, gluten content.  It might be concluded that a single application of CHR/H/FETEC 110 EC Part B at the proposed range of 0,7 l product/ha applied solo and in the mixture had no adverse impact on the quality of plants or plant products of winter wheat, winter barley, spring barley and spring wheat.	

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

Lack of additional tests in this range. Active substances comprising in this product has been applied for many years, not only in Poland but also in the other countries of Europe.

According to DAR, Vol. 3, Annex B7 of fenoxaprop-P-ethyl, no studies on the effects of industrial processing and/or household preparation have been submitted by the notifier. In the field trials no residues of the parent compound above the LOQ (0.02 mg/kg for cereal grain) have been determined. The theoretical maximum daily intake (TMDI) for cereal grain was < 10 % of the ADI (acceptable daily intake). Based on the residue results provided, studies on the effects of processing on the residue levels are not regarded as necessary.

Study Comments: 3.4.4 dRR point: 3.4.4	Explanations are acceptable
The Applicant presented no data on effects on transformation processes taking note that, products containing all actives as the sole active substance or together in co-formulations have been approved and extensively used as herbicides in cereals across EU countries for many years. The residues impact for effects on yeasts or lactic bacteria are not predicted. The explanations are acceptable.	

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

There is no information available pointing to presence of any limitations to using of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in seed crops of winter wheat, spring wheat, winter triticale, winter barley and spring barley.

In the course of studies carried out in Poland in the season of 2020 and 2021 on product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B the herbicide has not been observed to have any significant influence on yield.

The product may be used in seed crops of winter wheat, spring wheat, winter triticale, winter barley and spring barley.

Study Comments: 3.4.5 dRR point: 3.4.5	Explanations are acceptable
The Applicant presented no data on impact on treated plants or plant parts to be used for propagation.  In according to PP 1/135 (4) "Phytotoxicity assessment" data concerning impact on treated plants or plant products to be used for propagation is not needed in this case.	

## Summary and conclusion

The submitted efficacy data (reports from 15 field trials) and additional information fulfill requirements and conditions determined in the following EPPO guidelines:

- PP 1/135 (4) Phytotoxicity assessment
- PP 1/152 (3) Design and analysis of efficacy evaluation trials
- PP 1/181 (3) Conduct and reporting of efficacy evaluation trials including good experimental practice

They were carried out on the field in the conditions of natural agrofag infestation. The efficacy trials were concluded according to the EPPO standards:

- PP 1/93 (3) Weeds in cereals

The studies fulfill also requirements of the Commission Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the data requirements for plant protection products.

The formulation of CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B in winter wheat, spring wheat, winter triticale, winter barley and spring barley is EC – Emulsifiable Concentrate and it comprises active substance 110 g/L fenoxaprop-P-etyl.

The applicant submitted 15 reports in total showing the results in research into product efficacy carried out in 2020 and 2021 in winter wheat, spring wheat, winter triticale, winter barley and spring barley.

The obtained data in performed trials show that CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B provides benefits against the most important weeds in winter wheat, spring wheat, winter triticale, winter barley and spring barley as shown in the tables below.

The following table describes the effectiveness of weeds:

S (Susceptible)	> 85% (within each trial the average must be higher than 85%)
MS (Moderately Susceptible)	70 – 85%
MT (Moderately Tolerant )	60 – 70%
T (Tolerant)	< 60%

The following table shows the average sensitivity of weeds in winter wheat:

no.	product dose L, kg/ha	weed code	scientific name	DA-A	Average	Efficacy
1	CHR/H/FET 110 EC - Part A 0,7 l/ha	ALOMY	Alopecurus myosuroides - plant	42, 56	96,40	S
		ALOMY	Alopecurus myosuroides - panicle/ear	42, 47, 53	95,67	S
		APESV	Apera spica-venti - plant	42, 68, 76	100,00	S
		APESV	Apera spica-venti - panicle/ear	47, 65, 68, 74, 76	83,56	MS
2	CHR/H/FETEC 110 EC - Part B 0,7 l/ha	ALOMY	Alopecurus myosuroides - plant	42, 56	94,25	S
		ALOMY	Alopecurus myosuroides - panicle/ear	42, 47, 53	94,75	S
		APESV	Apera spica-venti - plant	42, 68, 76	100,00	S
		APESV	Apera spica-venti - panicle/ear	47, 65, 68, 74, 76	82,92	MS
3	CHR/H/FET 110 EC - Part A 0,5 l/ha + Galaper 200 EC 0,4 l/ha	ALOMY	Alopecurus myosuroides - plant	42, 56	87,55	S
		ALOMY	Alopecurus myosuroides - panicle/ear	42, 47, 53	84,56	MS
		PAPRH	Papaver rhoeas	42, 47, 65, 74	24,38	T
		VERPE	Veronica persica	42	88,80	S
		STEME	Stellaria media	42, 65	93,15	S

		VIOAR	Viola arvensis	42, 65	54,55	T
		CNSRE	Consolida regalis	42	77,50	MS
		APESV	Apera spica-venti - plant	42, 68, 76	95,00	S
		APESV	Apera spica-venti - panicle/ear	47, 65, 68, 74, 76	75,16	MS
		LITAR	Buglossoides arvensis	65	62,00	MT
		BRSNW	Brassica napus	65	61,80	MT
		CENCY	Centaurea cyanus	47, 65, 74	45,27	T
		VERHE	Veronica hederifolia	13, 27	28,75	T
		ANTAR	Anthemis arvensis	47, 74	31,25	T
		CAPBP	Capsella bursa-pastoris	42	95,00	S
4	CHR/H/FETEC 110 EC - Part B 0,5 l/ha + Galaper 200 EC 0,4 l/ha	ALOMY	Alopecurus myosuroides - plant	42, 56	84,40	MS
		ALOMY	Alopecurus myosuroides - panicle/ear	42, 47, 53	84,97	MS
		PAPRH	Papaver rhoeas	42, 47, 65, 74	24,38	T
		VERPE	Veronica persica	42	87,50	S
		STEME	Stellaria media	42, 65	93,15	S
		VIOAR	Viola arvensis	42, 65	53,90	T
		CNSRE	Consolida regalis	42	76,30	MS
		APESV	Apera spica-venti - plant	42, 68, 76	95,00	S
		APESV	Apera spica-venti - panicle/ear	47, 65, 68, 74, 76	76,72	MS
		LITAR	Buglossoides arvensis	65	63,30	MT
		BRSNW	Brassica napus	65	61,80	MT
		CENCY	Centaurea cyanus	47, 65, 74	46,53	T
		VERHE	Veronica hederifolia	13, 27	30,00	T
		ANTAR	Anthemis arvensis	47, 74	31,90	T
		CAPBP	Capsella bursa-pastoris	42	95,00	S
5	CHR/H/FET 110 EC - Part A 0,5 l/ha + Tristar 50 SG 0,025 kg/ha	ALOMY	Alopecurus myosuroides - plant	42, 56	86,30	S
		ALOMY	Alopecurus myosuroides - panicle/ear	42, 47, 53	79,64	MS
		PAPRH	Papaver rhoeas	42, 47, 65, 74	94,15	S
		VERPE	Veronica persica	42	77,50	MS
		STEME	Stellaria media	42, 65	97,83	S
		VIOAR	Viola arvensis	42, 65	76,65	MS
		CNSRE	Consolida regalis	42	80,00	MS
		APESV	Apera spica-venti - plant	42, 68, 76	94,40	S
		APESV	Apera spica-venti - panicle/ear	47, 65, 68, 74, 76	68,48	MT
		LITAR	Buglossoides arvensis	65	77,50	MS
		BRSNW	Brassica napus	65	100,00	S
		CENCY	Centaurea cyanus	47, 65, 74	89,50	S
		VERHE	Veronica hederifolia	13, 27	66,25	MT
		ANTAR	Anthemis arvensis	47, 74	98,05	S
		CAPBP	Capsella bursa-pastoris	42	94,40	S
6	CHR/H/FETEC 110 EC - Part B 0,5 l/ha + Tristar 50 SG 0,025 kg/ha	ALOMY	Alopecurus myosuroides - plant	42, 56	85,65	S
		ALOMY	Alopecurus myosuroides - panicle/ear	42, 47, 53	79,86	MS
		PAPRH	Papaver rhoeas	42, 47, 65, 74	93,50	S
		VERPE	Veronica persica	42	76,30	MS

	STEME	Stellaria media	42, 65	98,33	S
	VIOAR	Viola arvensis	42, 65	76,65	MS
	CNSRE	Consolida regalis	42	77,50	MS
	APESV	Apera spica-venti - plant	42, 68, 76	94,40	S
	APESV	Apera spica-venti - panicle/ear	47, 65, 68, 74, 76	67,32	MT
	LITAR	Buglossoides arvensis	65	78,80	MS
	BRSNW	Brassica napus	65	100,00	S
	CENCY	Centaurea cyanus	47, 65, 74	90,37	S
	VERHE	Veronica hederifolia	13, 27	63,80	MT
	ANTAR	Anthemis arvensis	47, 74	98,40	S
	CAPBP	Capsella bursa-pastoris	42	94,40	S

The following table shows the average sensitivity of weeds in spring barley:

no.	product dose L, kg/ha	weed code	scientific name	DA-A	Average	Efficacy
1	CHR/H/FET 110 EC - Part A 0,7 l/ha	AVEFA	Avena fatua - plant	33, 42, 56, 62	98,20	S
		AVEFA	Avena fatua - panicle/ear	42, 56, 62, 66	97,88	S
		ECHCG	Echinochloa crus-galli - plant	38, 42, 56, 62	98,58	S
		ECHCG	Echinochloa crus-galli - panicle/ear	56, 62	95,68	S
2	CHR/H/FETEC 110 EC - Part B 0,7 l/ha	AVEFA	Avena fatua - plant	33, 42, 56, 62	98,20	S
		AVEFA	Avena fatua - panicle/ear	42, 56, 62, 66	96,88	S
		ECHCG	Echinochloa crus-galli - plant	38, 42, 56, 62	98,58	S
		ECHCG	Echinochloa crus-galli - panicle/ear	56, 62	95,68	S
3	CHR/H/FET 110 EC - Part A 0,5 l/ha + Galaper 200 EC 0,4 l/ha	AVEFA	Avena fatua - plant	33, 42, 56, 62	94,75	S
		AVEFA	Avena fatua - panicle/ear	42, 56, 62, 66	91,58	S
		CENCY	Centaurea cyanus	33, 42, 56	70,83	MS
		POLCO	Fallopia convolvulus	33, 38, 42, 56	85,65	S
		ANTAR	Anthemis arvensis	33	55,00	T
		VIOAR	Viola arvensis	33, 38, 42	41,30	T
		CHEAL	Chenopodium album	33, 38	29,40	T
		GASPA	Galinsoga parviflora	33	85,00	MS

		ECHCG	Echinochloa crus-galli - plant	38, 42, 56, 62	97,88	S
		ECHCG	Echinochloa crus-galli - panicle/ear	56, 62	93,39	S
		GALAP	Galium aparine	56	96,83	S
		MATIN	Tripleurospermum inodorum	42, 56	77,93	MS
		STEME	Stellaria media	42, 56	97,00	S
		LAMPU	Lamium purpureum	56	83,80	MS
4	CHR/H/FETEC 110 EC - Part B 0,5 l/ha + Galaper 200 EC 0,4 l/ha	AVEFA	Avena fatua - plant	33, 42, 56, 62	93,13	S
		AVEFA	Avena fatua - panicle/ear	42, 56, 62, 66	89,38	S
		CENCY	Centaurea cyanus	33, 42, 56	70,83	MS
		POLCO	Fallopia convolvulus	33, 38, 42, 56	85,35	S
		ANTAR	Anthemis arvensis	33	53,80	T
		VIOAR	Viola arvensis	33, 38, 42	42,93	T
		CHEAL	Chenopodium album	33, 38	38,75	T
		GASPA	Galinsoga parviflora	33	88,80	S
		ECHCG	Echinochloa crus-galli - plant	38, 42, 56, 62	94,63	S
		ECHCG	Echinochloa crus-galli - panicle/ear	56, 62	95,41	S
		GALAP	Galium aparine	56	96,43	S
		MATIN	Tripleurospermum inodorum	42, 56	75,87	MS
		STEME	Stellaria media	42, 56	96,77	S
		LAMPU	Lamium purpureum	56	85,00	MS
5	CHR/H/FET 110 EC - Part A 0,5 l/ha + Tristar 50 SG 0,025 kg/ha	AVEFA	Avena fatua - plant	33, 42, 56, 62	94,75	S
		AVEFA	Avena fatua - panicle/ear	42, 56, 62, 66	88,75	S
		CENCY	Centaurea cyanus	33, 42, 56	90,83	S
		POLCO	Fallopia convolvulus	33, 38, 42, 56	85,98	S
		ANTAR	Anthemis arvensis	33	83,80	MS
		VIOAR	Viola arvensis	33, 38, 42	65,87	MT
		CHEAL	Chenopodium album	33, 38	91,90	S
		GASPA	Galinsoga parviflora	33	87,50	S
		ECHCG	Echinochloa crus-galli - plant	38, 42, 56, 62	96,30	S
		ECHCG	Echinochloa crus-galli - panicle/ear	56, 62	92,50	S
		GALAP	Galium aparine	56	74,60	MS
		MATIN	Tripleurospermum inodorum	42, 56	86,70	S
		STEME	Stellaria media	42, 56	99,33	S
		LAMPU	Lamium purpureum	56	83,80	MS
6	CHR/H/FETEC 110 EC - Part B 0,5 l/ha + Tristar 50 SG 0,025 kg/ha	AVEFA	Avena fatua - plant	33, 42, 56, 62	92,50	S
		AVEFA	Avena fatua - panicle/ear	42, 56, 62, 66	84,08	MS
		CENCY	Centaurea cyanus	33, 42, 56	90,83	S
		POLCO	Fallopia convolvulus	33, 38, 42, 56	88,13	S
		ANTAR	Anthemis arvensis	33	80,00	MS

	VIOAR	Viola arvensis	33, 38, 42	68,33	MT
	CHEAL	Chenopodium album	33, 38	91,25	S
	GASPA	Galinsoga parviflora	33	87,50	S
	ECHCG	Echinochloa crus-galli - plant	38, 42, 56, 62	92,75	S
	ECHCG	Echinochloa crus-galli - panicle/ear	56, 62	92,07	S
	GALAP	Galium aparine	56	71,27	MS
	MATIN	Tripleurospermum inodorum	42, 56	85,87	S
	STEME	Stellaria media	42, 56	99,10	S
	LAMPU	Lamium purpureum	56	85,00	MS

Herbicide CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B have demonstrated good crop tolerance to winter wheat, spring wheat, winter triticale, winter barley and spring barley. Therefore concluded that CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B is safe usage at proposed rate and this support the label claim for the use in winter wheat, spring wheat, winter triticale, winter barley and spring barley.

Undesirable effects are not expected on succeeding crops, adjacent crop, part of plants used for propagating purposes and beneficial organisms.

According to the above, the plant protection product CHR/H/FETEC 110 EC Part B can be approved to the market and use in Poland according to proposed range of use – GAP.

Due to the fact that the spectrum of weeds controlled by CHR/H/FET 110 EC Part A (first formulation - before processing) and CHR/H/FETEC 110 EC Part B (new formulation - after processing/new ingredients) containing quizalofop-P-ethyl in the cultivation of winter wheat and spring barley is the same like in the cultivation of winter barley, winter triticale and spring wheat. Therefore it can be assumed that the effectiveness of the new formulation CHR/H/FETEC 110 EC Part B will be comparable to the to the first formulation. Based on the submitted new data ( efficacy and selectivity reports) the following regulation on the label is proposed:

Based on submitted data the following regulation on the label is proposed:

Poland

winter wheat, spring wheat, winter triticale, winter barley and spring barley:

Recommended dose at:

0.7 L/ha – postemergence application once a season, which are corresponding to 77 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha +25 g/ha Tristar 50 SG/Toraya 50 SG/Triben Super 50 SG/Draco 50 SG – postemergence application once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu),

0.5 L/ha + 0.4 L/ha Galaper 200 EC/ Fluroherb 200 EC/ Herbistar 200 EC – postemergence application once a season, which are corresponding to 55 g a.s./ha (fenoxaprop-P-etylu).

The product CHR/H/FETEC 110 EC Part B should be use once per season in winter wheat, spring wheat, winter triticale, winter barley and spring barley at spring postemergence. To avoid resistance, products contain active substance with the same group shouldn't be used year after year on the same field.

CHR/H/FETEC 110 EC Part B is to be applied in spring:

BBCH 20-31 in winter wheat, spring wheat, winter triticale, winter barley and spring barley.

Recommended volume of water 200-300 L/ha

#### Recommended medium droplet spraying

Use of CHR/H/FETEC 110 EC Part B according to the proposed GAP does not represent a hazard to rotational crops and does not justify a specific labelling. CHR/H/FETEC 110 EC Part B is not persistent in soil nor is it taken up by succeeding crops.

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

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

In the field study, permanent symptoms of phytotoxicity to cultivated plants were not observed. Therefore, according to EPPO PP 1/207 no separate studies have been carried out concerning the influence of product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B on succeeding plants. The owner of the product CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B and of its registration documentation is referring to available sources in literature treating on herbicide fenoxaprop-P-ethyl.

According to information included in DAR under pt. B.7.9 residues in succeeding crops or rotational crops: The active substance was applied in the plant metabolism studies according to the intended use in comparable doses. The level and distribution of metabolites, found in these studies, showed, that a rapid conversion of the residues took place without any signs of accumulation. In order to investigate a possible uptake of soil residue by succeeding crops, two studies with radiolabeled material were performed and have been submitted by the notifier. DAR B 7.9.2 Crop rotation Studies; According to the rotational crop studies under DAR 7.9.1 it can be conducted that, even at higher application rates, residues in rotational crops are below the limit of quantification achievable in routine monitoring (LOQ=0.02mg/kg). The residues determined in soil, after rotational crops were planted, were low and there was no evidence of an uptake or accumulation of residues by plants. The substance is not translocated into deeper soil layers. As there is no potential of fenoxaprop residues for uptake into plants or accumulation in soil field trials in rotational crops are regarded to be not necessary.

Fenoxaprop-p-ethyl does not pose any threat to plants succeeding in normal crop rotation.

For more information please refer to section B7 in Core dossier.

Waiting period before planting succeeding crops		Overall waiting period proposed by zRMS for CHR/H/FETEC 110 EC Part B and CHR/H/FET 110 EC Part A
Crop group	Led by fenoxaprop-p-ethyl	
Leafy vegetables	NR	
Root vegetables	NR	
Oilseed	NR	
Cereals	NR	

According to EPPO guidance PP 1/207 worst case NOER from Seedling Emergence study (A. Wróbel, Study code: G-05-22):

Table 3.5.1-1: Recalculated NOER-value for test product

Crop	Worst case NOER from seedling emergence study [ml/ha]	Recalculated NOER to g/ha using product's density = 1.2077 g/ml	Recalculated NOER from g/ha to mg/kg soil using factor 750 (5 cm depth and 1.5 g/cm soil's density)
<i>Helianthus annuus</i>	706	732,97	0,9773
<i>Pisum sativum</i>	706	732,97	0,9773
<i>Brassica oleracea</i> var. <i>capitata</i>	706	732,97	0,9773
<i>Allium cepa</i>	706	732,97	0,9773
<i>Lolium perenne</i>	706	732,97	0,9773
<i>Avena sativa</i>	706	732,97	0,9773

Predicted Environmental Concentrations (PEC) for the individual actives are performed with equations (1) and (2) (cfr. EPPO guidance PP 1/207(2)):

$$(1) \text{ PEC}_{\text{ini}} = \frac{A \cdot (1 - \text{fint})}{100 \cdot d \cdot b}$$

$$(2) \text{ PEC}_{\text{act}}(t) = \text{PEC}_{\text{ini}} \cdot e^{-k \cdot t} = \text{PEC}_{\text{ini}} \cdot e^{-t \cdot \ln 2 / \text{DT50}}$$

Whereby A = application rate (g active/ha), fint = fraction intercepted by crop cover (70% for winter cereals at BBCH 20-39), d = depth of soil layer (cm) and bd = bulk density of soil.  
DT50 = 0.51 days – used fenoxaprop-P-ethyl DT50 as worst case scenario for product's DT50

Table 3.5.1-2: PEC-values and TER-calculation of test product (active substance) based on NOER-values.

Succeeding crop (1)	Days after application (2)	NOER mg/kg soil (3)	PEC (4)				TER (5)			
			mg/kg soil e.g. 5 cm	mg/kg soil e.g. 10 cm	mg/kg soil e.g. 20 cm	mg/kg soil e.g. 30 cm	NOER/PEC e.g. 5 cm	NOER/PEC e.g. 10 cm	NOER/PEC e.g. 20 cm	NOER/PEC e.g. 30 cm
<i>Helianthus annuus</i>	1	706	0,29064	0,14532	0,07266	0,04844	3,36255	6,72511	13,45021	20,17532
<i>Pisum sativum</i>	1	706	0,29064	0,14532	0,07266	0,04844	3,36255	6,72511	13,45021	20,17532
<i>Brassica oleracea</i> var. <i>capitata</i>	1	706	0,29064	0,14532	0,07266	0,04844	3,36255	6,72511	13,45021	20,17532
<i>Allium cepa</i>	1	706	0,29064	0,14532	0,07266	0,04844	3,36255	6,72511	13,45021	20,17532
<i>Lolium perenne</i>	1	706	0,29064	0,14532	0,07266	0,04844	3,36255	6,72511	13,45021	20,17532
<i>Avena sativa</i>	1	706	0,29064	0,14532	0,07266	0,04844	3,36255	6,72511	13,45021	20,17532

- (1) possible following crops in a regular crop rotation
- (2) adequate value for following crop in a regular crop rotation
- (3) NOER-values of succeeding crops
- (4) PEC (soil depth e.g. 5/20 cm)
- (5) TER (soil depth e.g. 5/20 cm)

Table 3.5.1-3: The TER values of CHR/H/FETEC 110 EC Part B and CHR/H/FET 110 EC Part A do exceed a trigger value 1, then no further trials are required when:

	Date of sowing	Crop rotation
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		DT50= 0.51
Crop		
<i>Helianthus annuus</i>	April	Normal crop roation after plowing on 5 cm depth before sowing
<i>Pisum sativum</i>	April	Normal crop roation after plowing on 5 cm depth before sowing
<i>Brassica oleracea</i> var. <i>capitata</i>	April	Normal crop roation after plowing on 5 cm depth before sowing
<i>Allium cepa</i>	April	Normal crop roation after plowing on 5 cm depth before sowing
<i>Lolium perenne</i>	April	Normal crop roation after plowing on 5 cm depth before sowing
<i>Avena sativa</i>	April	Normal crop roation after plowing on 5 cm depth before sowing

Labeling in succeding crop sections:

- after plowing 5 cm before sowing, you can sow *Helianthus annuus*, *Pisum sativum*, *Brassica oleracea* var. *capitata*, *Allium cepa*, *Lolium perenne*, *Avena sativa*.

- without plowing: winter wheat, winter tritcale, winter barley, spring barley and spring wheat.

Comments of zRMS:	Fenoxaprop-P-ethyl has a low DT <sub>50</sub> in soil (less than 1 day), so no impact on succeding crops is expected.
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### 3.5.2 Impact on other plants including adjacent crops (KCP 6.5.2)

No specific studies were conducted to fill this data point.

No phytotoxic effects were observed in the commissioned trials. Tested herbicides did not influence on yield, degree of plant lodging and tillering, weight of 1000 grains regardless of herbicide dose it is expected the product is safe for plants of adjacent crops.

CHR/H/FET 110 EC Part A and CHR/H/FETEC 110 EC Part B effectively controlled monocotyledonous/grass weeds weeds plants therefore users must exercise caution to avoid drift or vapors which may cause discoloration and damage to non-target foliage.

Studies on the toxicity to non-target terrestrial plants have been carried out with fenoxaprop-P-ethyl and its relevant metabolites. Full details of these studies are provided in the respective fenoxaprop-P-ethyl EU DAR, Vol. 3, Annex B, B9 and related documents.

Effects on non-target terrestrial plants of CHR/H/FETEC-PART B 110 EC were not evaluated as part of the EU assessment of fenoxaprop-P-ethyl. New data submitted with this application are listed in Part B9 Appendix 1 summarised in Appendix 2 .

The selection of studies and endpoints for the risk assessment is in line with the results of the EU review process. Justifications are provided below.

**Table 3.5.2-1: Endpoints and effect values relevant for the risk assessment for non-target terrestrial plants**

Species	Substance	Exposure System	Results	Reference
Sunflower <i>Helianthus annuus</i>	CHR/H/FETEC-PART B 110 EC	21 d Seedling emergence	ER <sub>50</sub> > 706.0 ml prod/ha  equal to ER <sub>50</sub> > 732.83 g prod/ha	Wróbel, A. Study Code: G-05-22
Pea <i>Pisum sativum</i>				
Cabbage <i>Brassica oleracea</i> var. <i>capitata</i>				
Onion <i>Allium cepa</i>				
Perennial ryegrass <i>Lolium perenne</i>				
Oats <i>Avena sativa</i>				
Sunflower <i>Helianthus annuus</i>	CHR/H/FETEC-PART B 110 EC	21 d Vegetative vigour	ER <sub>50</sub> > 706.0 ml prod/ha  equal to ER <sub>50</sub> > 732.83 g prod/ha	Piecza, P. Study code: G-04-22
Pea <i>Pisum sativum</i>				
Cabbage <i>Brassica oleracea</i> var. <i>capitata</i>				
Onion <i>Allium cepa</i>				
Perennial ryegrass <i>Lolium perenne</i>			ER <sub>50</sub> > 177.4 ml prod/ha  equal to ER <sub>50</sub> > 184.14 g prod/ha	
Oats <i>Avena sativa</i>				

m: monocotyledonous; d: dicotyledonous

The risk assessment is based on the “Guidance Document on Terrestrial Ecotoxicology”, (SANCO/10329/2002 rev.2 final, 2002). It is restricted to off-field situations, as non-target plants are non-crop plants located outside the treated area.

**Table 3.5.2-2: Assessment of the risk for non-target plants due to the use of CHR/H/FETEC-PART B 110 EC in cereals**

Intended use	Cereals
Active substance/product	CHR/H/FETEC-PARTB 110 EC
Application rate (g/ha)	1 × 726.6
MAF	1

Test species	ER <sub>50</sub> (g/ha)	Drift rate	PER <sub>off-field</sub> (g/ha)	TER criterion: TER ≥ 5
<i>On the basis of seedling emergence studies</i>				
Sunflower <i>Helianthus annuus</i>	732.83	0.0277	20.127	36.41
Pea <i>Pisum sativum</i>	732.83	0.0277	20.127	36.41
Cabbage <i>Brassica oleracea</i> var. <i>capitata</i>	732.83	0.0277	20.127	36.41
Onion <i>Allium cepa</i>	732.83	0.0277	20.127	36.41
Perennial ryegrass <i>Lolium perenne</i>	732.83	0.0277	20.127	36.41
Oats <i>Avena sativa</i>	732.83	0.0277	20.127	36.41
<i>On the basis of seedling vegetative vigour studies</i>				
Sunflower <i>Helianthus annuus</i>	732.83	0.0277	20.127	36.41
Pea <i>Pisum sativum</i>	732.83	0.0277	20.127	36.41
Cabbage <i>Brassica oleracea</i> var. <i>capitata</i>	732.83	0.0277	20.127	36.41
Onion <i>Allium cepa</i>	732.83	0.0277	20.127	36.41
Perennial ryegrass <i>Lolium perenne</i>	732.83	0.0277	20.127	36.41
Oats <i>Avena sativa</i>	184.14	0.0277	20.127	9.15

MAF: Multiple application factor; PER: Predicted environmental rate; TER: toxicity to exposure ratio. TER values shown in bold fall below the relevant trigger.

## Overall conclusions

Based on the predicted rates of CHR/H/FETEC-PART B 110 EC in off-field areas, the TER values describing the risk for non-target plants following exposure to CHR/H/FETEC-PARTB 110 EC according to the GAP of the formulation CHR/H/FETEC-PART B 110 EC achieve the acceptability criteria TER ≥ 5 with no need for risk mitigation measures.

Comments of zRMS:	Based on presented calculations it can be concluded that no unacceptable damage of adjacent crops due to the application of CHR/H/FETEC-PART B 110 EC solo is to be expected. What is more CHR/H/FETEC-PART B 110 EC is intended for control of monocots weeds in most of cereals therefore the product should not cause damages even mis-used on broad-leaved adjacent.
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### 3.5.3 Impact on beneficial and other non-target organisms (KCP 6.5.3)

Detailed studies on the possible adverse effects to beneficial organisms are submitted and summarised in Part B, Section 9 (Ecotoxicology).

Compatibility with current management practices including IPM

Not applicable

### Summary and conclusion

Not applicable

### 3.6 Other/special studies

**Study:** Effectiveness of cleaning

**Guideline:** Efficacy Guideline 305.

**Report:** *Determination of physicochemical properties of CHR/H/FETEC-PART B 110 EC before and after accelerated storage test*

**Author:** Knapik, I.; ICB Pharma, 10 Lema Street, 43-600, Jaworzno, POLAND

**Study code:** ICB/91/2021

The mixture of test item was prepared at a concentration of 0.35% (v/v), then was poured into 3 polyethylene bottles and allowed to stand at temperature (18-28°C) to next day, but not longer than 24 h. After that, the bottles were rinsed by the tap water. Then the bottles were rinsed with acetonitrile which was analysed for active ingredients content. Three different rinsing procedures were used: Single rinse procedure, double rinse procedure and triple rinse procedure.

### Results

The following tables shows percentage of fenoxaprop-P-ethyl and cloquintocet-mexyl removed from the bottles:

#### Percentage of cloquintocet-mexyl removed from bottle.

Solution	Active ingredient removed from the bottle [%]			
	Measurement 1	Measurement 2	Measurement 3	Average
Solution 1 (Single rinse procedure)	99.81	99.83	99.82	99.82
Solution 2 (Double rinse procedure)	99.82	99.81	99.82	99.82
Solution 3 (Triple rinse procedure)	99.84	99.84	99.83	99.84

### Percentage of fenoxaprop-P-ethyl removed from bottle.

Solution	Active ingredient removed from the bottle [%]			
	Measurement 1	Measurement 2	Measurement 3	Average
Solution 1 (Single rinse procedure)	99.78	99.79	99.78	99.78
Solution 2 (Double rinse procedure)	99.77	99.76	99.76	99.76
Solution 3 (Triple rinse procedure)	99.81	99.81	99.78	99.80

### Conclusions

There are no significant differences in the amount of active ingredient washed from the bottles when comparing the single, double and triple rinse procedures. Therefore, a single rinse is sufficient.

Study Comments: Tank cleaning procedure	Studies are acceptable
The Applicant presented data obtained from the study conducted according to Efficacy Guideline 305. The rinse procedure of tank cleaning proposed by the Applicant was sufficient to ensure that residues of plant protection products do not remain in the pesticide application equipment (PAE) after cleaning and that there is no unacceptable risk to subsequently treated crops.	

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

**Table 3.5-1: List of test facilities**

Test facility	Address	Certificate (Yes or No)
SynTech Research Poland Sp. z o.o.	ul. Jagiellońska 69/1, 85-027 Bydgoszcz, Poland	Yes
A.T Sp. z o.o.	ul. Przemysłowa 3, 88-300 Mogilno, Poland	Yes
Poznań University of Life Sciences, Research and Education Center Gorzyń	ul. Wojska Polskiego 28, 60-637 Poznań, Poland	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	Data Verte- brate study Y/N	Owner
KCP 2.11	Iwona Knapik	2022	Determination of physicochemical properties of CHR/H/FETEC-PART B-PARTB 110 EC before and after accelerated storage test  ICB/91/2021 GLP Unpublished	N	Chemirol Sp. z o.o.
KCP 6 KCP 6.2	Joanna Guzińska	2020	Efficacy evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied into winter wheat to control of weeds, Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/025/PO GEP - yes Unpublished	N	Chemirol Sp. z o.o.
KCP 6 KCP 6.2	Joanna Guzińska	2020	Efficacy evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied into winter wheat to control of weeds, Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/026/PO GEP - yes Unpublished	N	Chemirol Sp. z o.o.
KCP 6 KCP 6.2	Joanna Guzińska	2021	Efficacy evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied into winter wheat to control of weeds, Poland, 2021.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2021/034/PO GEP - yes	N	Chemirol Sp. z o.o.

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Data Vertebrate study Y/N</b>	<b>Owner</b>
			Unpublished		
KCP 6 KCP 6.2	Joanna Guzińska	2021	Efficacy evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied into winter wheat to control of weeds, Poland, 2021.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2021/035/PO GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6 KCP 6.2	Łukasz Sobiech	2021	Comparison of the effectiveness of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in the control of weeds in winter wheat  Poznań University of Life Sciences, Research and Education Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań  Report no.: AH/21/PO/10/Mr GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6 KCP 6.2	Łukasz Sobiech	2021	Comparison of the effectiveness of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in the control of weeds in winter wheat  Poznań University of Life Sciences, Research and Education Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań  Report no.: AH/21/PO/10/Ra GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6 KCP 6.2	Zdzisław Jaskółski	2020	Comparison of the effectiveness of the herbicides CHR / H / FET 110 EC Part A and CHR / H / FETEC 110 EC Part B in Winter Wheat.  SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland  Report no.: SRPL20-221-336HE	N	Chemiroł Sp. z o.o.

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Data Vertebrate study Y/N</b>	<b>Owner</b>
			GEP - yes Unpublished		
KCP 6 KCP 6.2	Zdzisław Jaskólski	2020	Comparison of the effectiveness of the herbicides CHR / H / FET 110 EC Part A and CHR / H / FETEC 110 EC Part B in Winter Wheat.  SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland  Report no.: SRPL20-222-336HE GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Joanna Guzińska	2020	Selectivity evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied to winter wheat .Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/059/PO GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Joanna Guzińska	2020	Selectivity evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied to winter wheat .Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/060/PO GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Beata Szymańska	2020	Phytotoxicity assessment of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in the cultivation of spring and winter cereals.  Poznań University of Life Sciences, Research and Education Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań  Report no.: AH/20/PO/21/Gr	N	Chemiroł Sp. z o.o.



<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Data Verte- brate study Y/N</b>	<b>Owner</b>
			GEP - yes Unpublished		
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Joanna Guzińska	2021	Selectivity evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied to spring wheat. Poland, 2021.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2021/038/PJ GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Zdzisław Jaskół- ski	2021	Comparison of the selectivity of the herbicides CHR / H / FET 110 EC Part A and CHR / H / FETEC 110 EC Part B in Spring wheat.  SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland  Report no.: SRPL21-420-336HE GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Joanna Guzińska	2021	Selectivity evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied to winter barley. Poland, 2021.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2021/037/JO GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Beata Szymań- ska	2021	Phytotoxicity assessment of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in the cultivation of spring and winter cere- als.  Poznań University of Life Sciences, Research and Education Center Gorzyń, Wojska Polskiego 28, 60-637 Poznań  Report no.: AH/21/JO/10/Br GEP - yes Unpublished	N	Chemiroł Sp. z o.o.

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Data Vertebrate study Y/N</b>	<b>Owner</b>
KCP 6 KCP 6.2	Joanna Guzińska	2020	Efficacy evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied into spring barley to control of weeds, Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/008/JJ GEP - yes Unpublished	N	Chemirol Sp. z o.o.
KCP 6 KCP 6.2	Joanna Guzińska	2020	Efficacy evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied into spring barley to control of weeds, Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/058/JJ GEP - yes Unpublished	N	Chemirol Sp. z o.o.
KCP 6 KCP 6.2	Joanna Guzińska	2021	Efficacy evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied into spring barley to control of weeds, Poland, 2021.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2021/036/JJ GEP - yes Unpublished	N	Chemirol Sp. z o.o.
KCP 6 KCP 6.2	Łukasz Sobiech	2021	Comparison of the effectiveness of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in the control of weeds in spring barley  Poznań University of Life Sciences, Research and Education Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań  Report no.: AH/20/JJ/21/Br GEP - yes Unpublished	N	Chemirol Sp. z o.o.

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Data Vertebrate study Y/N</b>	<b>Owner</b>
KCP 6 KCP 6.2	Łukasz Sobiech	2021	Comparison of the effectiveness of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in the control of weeds in spring barley  Poznań University of Life Sciences, Research and Education Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań  Report no.: AH/21/JJ/10/Ra GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6 KCP 6.2	Zdzisław Jaskół- ski	2021	Comparison of the effectiveness of the herbi- cides CHR / H / FET 110 EC Part A and CHR / H / FETEC 110 EC Part B in Spring barley.  SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland  Report no.: SRPL21-418-336HE GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6 KCP 6.2	Zdzisław Jaskół- ski	2021	Comparison of the effectiveness of the herbi- cides CHR / H / FET 110 EC Part A and CHR / H / FETEC 110 EC Part B in Spring barley.  SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland  Report no.: SRPL21-419-336HE GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Joanna Guzińska	2020	Selectivity evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied to spring barley Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/061/JJ GEP - yes Unpublished	N	Chemiroł Sp. z o.o.

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Data Vertebrate study Y/N	Owner
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Joanna Guzińska	2020	Selectivity evaluation of herbicides CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B when applied to spring barley Poland, 2020.  A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno  Report no.: A.T/2020/062/JJ GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 6.4 KCP 6.4.1 KCP 6.4.2 KCP 6.4.3	Beata Szymańska	2020	Phytotoxicity assessment of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in the cultivation of spring and winter cere- als.  Poznań University of Life Sciences, Research and Education Center Gorzyń, Wojska Polskiego 28, 60-637 Poznań  Report no.: AH/20/JJ/21/Gr GEP - yes Unpublished	N	Chemiroł Sp. z o.o.
KCP 10.6.1/01	Wróbel, A.	2022	CHR/H/FETEC-PART B 110 EC Terrestrial Plant Test: Vegetative Vigour Test Terrestrial Plant Test: Seedling Emergence and Seedling Growth  Łukasiewicz Research Network – Institute of Industrial Organic Chemistry Branch Pszczyna Ecotoxicology Research Group Doświadczalna 27, 43 – 200 Pszczyna, Poland  Study Code: G-05-22  GLP  Unpublished	N	Chemiroł Sp. z o.o.
KCP 10.6.1/02	Pieczka, P.	2022	CHR/H/FETEC-PART B 110 EC Terrestrial Plant Test: Vegetative Vigour Test  Łukasiewicz Research Network – Institute of Industrial Organic Chemistry Branch Pszczyna Ecotoxicology Research Group Doświadczalna 27, 43 – 200 Pszczyna, Poland  Study Code: G- 04-22	N	Chemiroł Sp. z o.o.

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Data Verte- brate study Y/N</b>	<b>Owner</b>
			GLP  Unpublished		

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

Not applicable

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Verte- brate study Y/N</b>	<b>Owner</b>
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a

**List of data submitted by the applicant and not relied on**

Not applicable

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Verte- brate study Y/N</b>	<b>Owner</b>
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a

**List of data relied on not submitted by the applicant but necessary for evaluation**

Not applicable

<b>Data point</b>	<b>Author(s)</b>	<b>Year</b>	<b>Title Company Report No. Source (where different from company) GLP or GEP status Published or not</b>	<b>Verte- brate study Y/N</b>	<b>Owner</b>
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a

## **Appendix 2    Additional information provided by the applicant**

Not applicable

### Appendix 3 Summary of data on trials site and application details per use

Test report/ re- search number (1)	Trial location (2); Crop cul- tivar; F/G (3); N/A (4)	Testing Unit (5)	Test method (6); Plot size; Sample size (7)	Treatment			
				Growth stage (8)	In- ter- val	Total num- ber	Spray volume (L/ha)
<b>A.T/2020/025/P O</b>	Kocanowo/ Poland winter wheat/Apostel F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 5.0 m = 12.5 m <sup>2</sup>	BBCH 30-32	n/a	1	300 L/ha
<b>A.T/2020/026/P O</b>	Wilcze/ Po- land winter wheat/Arkadia F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 7.5 m = 18.75 m <sup>2</sup>	BBCH 30-31	n/a	1	200 L/ha
<b>A.T/2021/034/P O</b>	Plewiska/ Po- land winter wheat/Arkadia F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 6.0 m = 15.0 m <sup>2</sup>	BBCH 25-30	n/a	1	200 L/ha
<b>A.T/2021/035/P O</b>	Nowy Staw/ Poland winter wheat/ RGT Special- ist F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 5.5 m = 13.75 m <sup>2</sup>	BBCH 25-30	n/a	1	200 L/ha
<b>AH/21/PO/10/M r</b>	Mrowino/ Po- land winter wheat/Bogatka F N	Poznań University of Life Sciences, Research and Edu- cation Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań	EPPO PP 1/93(3)  1.5 m x 12.0 m = 18.0 m <sup>2</sup>	BBCH 25	n/a	1	200 L/ha
<b>AH/21/PO/10/Ra</b>	Rataje/ Poland winter wheat/ Hondia F N	Poznań University of Life Sciences, Research and Edu- cation Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań	EPPO PP 1/93(3)  1.5 m x 12.0 m = 18.0 m <sup>2</sup>	BBCH 26	n/a	1	200 L/ha
<b>SRPL20-221- 336HE</b>	Turze/ Poland winter wheat/Apostel F N	SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland	EPPO PP 1/93(3)  3.0 m x 4.0 m = 12.0 m <sup>2</sup>	BBCH 30-31	n/a	1	200 L/ha
<b>SRPL20-222- 336HE</b>	Lubstowo/ Po- land winter wheat/ Julius	SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska	EPPO PP 1/93(3)	BBCH 29-31	n/a	1	200 L/ha

	F N	85-027 Bydgoszcz Poland	3.0 m x 7.0 m = 21.0 m <sup>2</sup>				
<b>A.T/2020/059/P O</b>	Moszczenica/ Poland winter wheat/ Honda F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 8.5 m = 21.25 m <sup>2</sup>	BBCH 30-31	n/a	1	200 L/ha
<b>A.T/2020/060/P O</b>	Stare Gralewo/ Po- land winter wheat/Kili- manjaro F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 9.5 m = 23.75 m <sup>2</sup>	BBCH 30-31	n/a	1	300 L/ha
<b>AH/20/PO/21/Gr</b>	Gorzyń/Po- land winter wheat/ Jantarka F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  1.5 m x 12.0 m = 18.0 m <sup>2</sup>	BBCH 30-31	n/a	1	200 L/ha
<b>A.T/2021/038/PJ</b>	Mirosław/ Po- land spring wheat/ Radocha F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 7.0 m = 17.5 m <sup>2</sup>	BBCH 21-25	n/a	1	300 L/ha
<b>SRPL21-420- 336HE</b>	Witoldowo/ Poland spring wheat/ Parabola F N	SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland	EPPO PP 1/93(3)  3.0 m x 7.0 m = 21.0 m <sup>2</sup>	BBCH 22-23	n/a	1	300 L/ha
<b>A.T/2021/037/JO</b>	Trzciany/Po- land winter barley/ Melia F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 8.5 m = 21.25 m <sup>2</sup>	BBCH 25-30	n/a	1	200 L/ha
<b>AH/21/JO/10/Br</b>	Brody/Poland winter barley/ SU-JULE F N	Poznań University of Life Sciences, Research and Edu- cation Center Gorzyń, Wojska Polskiego 28, 60-637 Poznań	EPPO PP 1/93(3)  2.0 m x 9.0 m = 18.0 m <sup>2</sup>	BBCH 31	n/a	1	230 L/ha
<b>A.T/2020/008/JJ</b>	Zamarte/ Po- land spring barley/ Soldo F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 5.0 m = 12.5 m <sup>2</sup>	BBCH 25-30	n/a	1	200 L/ha
<b>A.T/2020/058/JJ</b>	Nowy Dwór/Poland spring barley/ Ella F	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)	BBCH 23-26	n/a	1	200 L/ha



	N		2.5 m x 5.5 m = 13.75 m <sup>2</sup>				
<b>A.T/2021/036/JJ</b>	Białe Błoto/Poland spring bar- ley/Podarek F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 5.0 m = 12.5 m <sup>2</sup>	BBCH 21	n/a	1	300 L/ha
<b>AH/20/JJ/21/Br</b>	Brody/Poland spring bar- ley/Iron F N	Poznań University of Life Sciences, Research and Edu- cation Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań	EPPO PP 1/93(3)  1.5 m x 12.0 m = 18.0 m <sup>2</sup>	BBCH 31	n/a	1	200 L/ha
<b>AH/21/JJ/10/Ra</b>	Rataje/Poland spring bar- ley/Orphelia F N	Poznań University of Life Sciences, Research and Edu- cation Center Gorzyń, Agronomy Department; ul. Wojska Polskiego 28, 60-637 Poznań	EPPO PP 1/93(3)  1.5 m x 12.0 m = 18.0 m <sup>2</sup>	BBCH 21	n/a	1	200 L/ha
<b>SRPL21-418- 336HE</b>	Jankowice Wielkie/Po- land spring bar- ley/Avatar F N	SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland	EPPO PP 1/93(3)  3.0 m x 5.0 m = 15.0 m <sup>2</sup>	BBCH 21-23	n/a	1	300 L/ha
<b>SRPL21-419- 336HE</b>	Naglady/Po- land spring bar- ley/Boomer- ang F N	SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland	EPPO PP 1/93(3)  3.0 m x 5.0 m = 15.0 m <sup>2</sup>	BBCH 21-23	n/a	1	300 L/ha
<b>A.T/2020/061/JJ</b>	Maniewo/ Po- land spring barley/ Feedway F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 7.5 m = 17.5 m <sup>2</sup>	BBCH 25-30	n/a	1	200 L/ha
<b>A.T/2020/062/JJ</b>	Bogucin/ Poland spring barley/ Ella F N	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	EPPO PP 1/93(3)  2.5 m x 8.0 m = 20.0 m <sup>2</sup>	BBCH 23-28	n/a	1	200 L/ha
<b>AH/20/JJ/21/Gr</b>	Gorzyń/ Po- land spring barley/ Ella F N	Poznań University of Life Sciences, Research and Edu- cation Center Gorzyń, Wojska Polskiego 28, 60-637 Poznań	EPPO PP 1/93(3)  1.5 m x 12.0 m = 18.0 m <sup>2</sup>	BBCH 25-26	n/a	1	200 L/ha

Notes:

- (1): test report number including the year of establishing the trial
- (2): precise place of the trial followed by the country
- (3): F= field trial, G=protected crop, specify
- (4): N=Natural infestation, A= Artificial inoculation
- (5): Trial responsible entity/ officially recognized organization
- (6): Test guideline used
- (7): Sample size per plot
- (8): Crop growth stage at application timing

#### Appendix 4 Summary of data on effectiveness trials per use

Test report (1)	Crop/ cultivar Harmful organ- ism/ weed species or intended use	Assessed part and variable (2)  no / m <sup>2</sup>	Untreated  BBCH (during appli- cation)	Efficacy treatments (3)				Remarks (4)
				Product		Standard (s)		
				name	Dose [L,kg/ha]	name	dose [L/ha]	
A.T/2020/025/P O	winter wheat/Apostel  APESV VIOAR LITAR PAPRH BRSNW STEME CENCY	APESV 24.0 VIOAR 17.0 LITAR 5.0 PAPRH 5.0 BRSNW 5.0 STEME 5.0 CENCY 5.0	APESV BBCH 28-32 VIOAR BBCH 51-60 LITAR BBCH 30-35 PAPRH BBCH 30-40 BRSNW BBCH 30-51 STEME BBCH 32-35 CENCY BBCH 30-32	CHR/H/FET 110 EC - Part A	0.70	n/a	n/a	Application date: 20.04.2020 Assessment date: 20.04.2020 04.05.2020 18.05.2020 24.06.2020
				CHR/H/FET 110 EC - Part A	1.40			
				CHR/H/FETEC 110 EC - Part B	0.70			
				CHR/H/FETEC 110 EC - Part B	1.40			
				CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4			
				CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8			
				CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4			
				CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8			
				CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025			
				CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05			
				CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025			
				CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05			
				A.T/2020/026/P O	winter wheat/Arkadia  APESV CENCY VERHE PAPRH VIOAR ANTAR CAPBP			
CHR/H/FET 110 EC - Part A	1.40							
CHR/H/FETEC 110 EC - Part B	0.70							
CHR/H/FETEC 110 EC - Part B	1.40							
CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4							
CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8							
CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4							
CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8							
CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025							
CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05							
CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025							
CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05							
A.T/2021/034/P O	winter wheat/Arkadia  ALOMY APESV ANTAR	ALOMY 123.0 APESV 42.0 ANTAR 6.0 CENCY 8.0 PAPRH 5.0	ALOMY BBCH 21-30 APESV BBCH 21-30 ANTAR BBCH 25-32 CENCY BBCH 28-32 PAPRH BBCH 25-30			CHR/H/FET 110 EC - Part A	0.70	n/a
				CHR/H/FET 110 EC - Part A	1.40			
				CHR/H/FETEC 110 EC - Part B	0.70			
				CHR/H/FETEC 110 EC - Part B	1.40			
				CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4			
				CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4			

	CENCY PAPRH			CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05			18.04.2021 01.05.2021 11.05.2021 19.05.2021 04.06.2021
<b>A.T/2021/035/P O</b>	winter wheat/ RGT Specialist  ALOMY	ALOMY 20.0	ALOMY BBCH 13-30	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 19.04.2021 Assessment date: 19.04.2021 05.05.2021 17.05.2021 28.05.2021 11.06.2021
<b>AH/21/PO/10/ Mr</b>	winter wheat/Bo- gatka  APESV CAPBP STEME	APESV 10.0 CAPBP 8.0 STEME 7.0	APESV BBCH 26 CAPBP BBCH 29 STEME BBCH 27	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 21.04.2021 Assessment date: 12.05.2021 02.06.2021 06.07.2021
<b>AH/21/PO/10/ Ra</b>	winter wheat/ Hondia  APESV CAPBP STEME	APESV 15.0 CAPBP 5.0 STEME 10.0	APESV BBCH 24 CAPBP BBCH 26 STEME BBCH 27	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4	n/a	n/a	Application date: 28.04.2021 Assessment date: 19.05.2021 09.06.2021

				CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05			05.07.2021
<b>SRPL20-221-336HE</b>	winter wheat/Apostel  ALOMY PAPRH VERPE STEME VIOAR CNSRE	ALOMY 92.0 PAPRH 12.0 VERPE 10.0 STEME 8.0 VIOAR 10.0 CNSRE 6.0	ALOMY BBCH 21-31 PAPRH BBCH 23-32 VERPE BBCH 48-59 STEME BBCH 41-51 VIOAR BBCH 45-55 CNSRE BBCH 35-51	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 17.04.2020 Assessment date: 17.04.2020 24.04.2020 30.04.2020 15.05.2020 29.05.2020
<b>SRPL20-222-336HE</b>	winter wheat/ Julius  ALOMY	ALOMY 92.5	ALOMY BBCH 33-37	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 21.04.2020 Assessment date: 21.04.2020 28.04.2020 05.05.2020 19.05.2020 16.06.2020
<b>A.T/2020/008/J</b>	spring barley/ Soldo  AVEFA CENCY POLCO ANTAR VIOAR CHEAL GASPA	AVEFA 13.0 CENCY 6.0 POLCO 5.0 ANTAR 5.0 VIOAR 8.0 CHEAL 6.0 GASPA 5.0	AVEFA BBCH 21-25 CENCY BBCH 16-21 POLCO BBCH 16-21 ANTAR BBCH 16-21 VIOAR BBCH 16-19 CHEAL BBCH 16-21 GASPA BBCH 16-21	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025	n/a	n/a	Application date: 15.05.2020 Assessment date: 15.05.2020 28.05.2020 08.06.2020 17.06.2020

				CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05 0.5 + 0.025 1.0 + 0.05			20.07.2020
<b>A.T/2020/058/J</b>	spring barley/ Ella  ECHCG POLCO VIOAR CHEAL	ECHCG 25.0 POLCO 10.0 VIOAR 11.0 CHEAL 6.0	ECHCG BBCH 21-25 POLCO BBCH 14-18 VIOAR BBCH 16-19 CHEAL BBCH 16-21	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 + 0.8 0.5 + 0.4 1.0 + 0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 15.05.2020 Assessment date: 15.05.2020 22.05.2020 29.05.2020 08.06.2020 22.06.2020
<b>A.T/2021/036/J</b>	spring barley/Po-darek  AVEFA POLCO VIOAR MATIN	AVEFA 20.0 POLCO 16.0 VIOAR 15.0 MATIN 5.0	AVEFA BBCH 13-23 POLCO BBCH 12-15 VIOAR BBCH 10-14 MATIN BBCH 12-21	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 + 0.8 0.5 + 0.4 1.0 + 0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 10.05.2021 Assessment date: 10.05.2021 24.05.2021 31.05.2021 07.06.2021 21.06.2021
<b>AH/20/JJ/21/B</b> <b>r</b>	spring barley/Iron  AVEFA ECHCG CENCY GALAP	AVEFA 5.0 ECHCG 9.0 CENCY 6.0 GALAP 7.0	AVEFA BBCH 13 ECHCG BBCH 13 CENCY BBCH 14 GALAP BBCH 14	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 + 0.8 0.5 + 0.4 1.0 + 0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025	n/a	n/a	Application date: 18.05.2020 Assessment date: 25.05.2020 15.06.2020 13.07.2020

				CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05			
<b>AH/21/JJ/10/R a</b>	spring barley/Or- phelia  AVEFA ECHCG CENCY STEME	AVEFA 11.0 ECHCG 5.0 CENCY 5.0 STEME 6.0	AVEFA BBCH 17 ECHCG BBCH 14 CENCY BBCH 21 STEME BBCH 19	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 05.05.2021 Assessment date: 26.05.2021 16.06.2021 06.07.2021
<b>SRPL21-418- 336HE</b>	spring barley/Av- atar  ECHCG STEME LAMPU MATIN GALAP	ECHCG 9.3 STEME 7.3 LAMPU 8.3 MATIN 7.8 GALAP 6.5	ECHCG BBCH 12-15 STEME BBCH 12-16 LAMPU BBCH 12-16 MATIN BBCH 12-16 GALAP BBCH 12-16	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 20.04.2021 Assessment date: 20.04.2021 27.04.2021 04.05.2021 18.05.2021 15.06.2021
<b>SRPL21-419- 336HE</b>	spring bar- ley/Boomerang  ECHCG MATIN GALAP POLCO STEME	ECHCG 6.5 MATIN 6.75 GALAP 8.25 POLCO 6.0 STEME 8.5	ECHCG BBCH 10-11 MATIN BBCH 10-12 GALAP BBCH 11-12 POLCO BBCH 10-12 STEME BBCH 10-12	CHR/H/FET 110 EC - Part A CHR/H/FET 110 EC - Part A CHR/H/FETEC 110 EC - Part B CHR/H/FETEC 110 EC - Part B CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FET 110 EC - Part A + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FETEC 110 EC - Part B + Galaper 200 EC CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FET 110 EC - Part A + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.70 1.40 0.70 1.40 0.5 + 0.4 1.0 +0.8 0.5 + 0.4 1.0 +0.8 0.5 + 0.025 1.0 + 0.05 0.5 + 0.025 1.0 + 0.05	n/a	n/a	Application date: 24.05.2021 Assessment date: 24.05.2021 31.05.2021 07.06.2021 21.06.2021 19.07.2021

**Notes:**

- 1): Test report number including the year of establishing the trial
- (2): Plant part assessed and criteria for assessment
- (3): efficacy or intended effect
- (4): Relevant conclusions on effectiveness



## Appendix 5 Summary of detailed data on herbicide effectiveness trials

Table 1. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ALOMY Alopecurus myosuroides* in winter wheat ( 13-56 DA-A, plant, panicle/ear)

Pest code	report code	DA-A	date	Part rated	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri-star 50 SG	
						Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
ALOMY Alopecurus myosuroides	SRPL20-221-336HE	13 DA-A	30.04.2020	Plant P	92		0,00	75,00	73,80	65,00		63,80		65,00		63,80		9,37
	SRPL20-221-336HE	28 DA-A	15.05.2020	Plant P	92		0,00	93,80	90,50	85,00		82,50		85,00		83,80		5,45
	SRPL20-221-336HE	42 DA-A	29.05.2020	Plant P	92		0,00	99,00	96,00	88,80		85,00		88,80		86,30		6,70
	SRPL20-221-336HE	42 DA-A	29.05.2020	ear P	495,3		0,00	<b>99,21</b>	97,76	<b>90,18</b>		<b>89,82</b>		<b>91,43</b>		<b>88,97</b>		6,912
	SRPL20-222-336HE	14 DA-A	05.05.2020	Plant P	125		0,00	71,30	72,50	65,00		60,00		60,00		63,80		4,61
	SRPL20-222-336HE	28 DA-A	19.05.2020	Plant P	136,25		0,00	92,50	91,30	86,30		83,80		82,50		83,80		4,82
	SRPL20-222-336HE	56 DA-A	16.06.2020	Plant P	142,5		0,00	93,80	92,50	86,30		83,80		83,80		85,00		4,29
	A.T/2021/034/PO	13 DA-A	01.05.2021	Plant P	123		0,00	75,00	76,30	63,80		65,00		61,30		60,00		5,31
	A.T/2021/034/PO	23 DA-A	11.05.2021	Plant P	123		0,00	95,30	93,80	82,50		83,80		71,30		70,00		3,16
	A.T/2021/034/PO	47 DA-A	04.06.2021	PANICLE	200		0,00	99,00	<b>99,00</b>	86,00		88,80		77,50		74,30		3,50
	A.T/2021/035/PO	16 DA-A	05.05.2021	Plant P	25		0,00	<b>57,50</b>	<b>60,00</b>	<b>51,30</b>		<b>50,00</b>		<b>50,00</b>		<b>52,50</b>		4,03
	A.T/2021/035/PO	28 DA-A	17.05.2021	Plant P	25		0,00	77,50	78,80	70,00		70,00		67,50		70,00		2,48
A.T/2021/035/PO	53 DA-A	11.06.2021	PANICLE	100		0,00	88,80	87,50	77,50		76,30		70,00		76,30		3,25	
					Average	136,23		0,00	85,98	85,37	76,74		75,59		73,39		73,74	
					min.	25,00		0,00	57,50	60,00	51,30		50,00		50,00		52,50	
					max.	495,30		0,00	99,21	99,00	90,18		89,82		91,43		88,97	

Table 2. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ALOMY Alopecurus myosuroides* in winter wheat ( 13-28 DA-A, plant)

Pest code	report code	DA-A	date	Part rated	Pest density m <sup>2</sup>	No.	1	2	3	4	5		6		7		LSD (P=.05)	
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Ga-lap-er 200 EC	CHR/H/FETEC 110 EC - Part B	Ga-lap-er 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B		Tri-star 50 SG
						Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5		0,025
ALOMY Alopecurus myosuroides	SRPL20-221-336HE	13 DA-A	30.04.2020	Plant P	92		0,00	75,00	73,80	65,00		63,80		65,00		63,80		9,37
	SRPL20-221-336HE	28 DA-A	15.05.2020	Plant P	92		0,00	93,80	90,50	85,00		82,50		<b>85,00</b>		<b>83,80</b>		5,45
	SRPL20-222-336HE	14 DA-A	05.05.2020	Plant P	125		0,00	71,30	72,50	65,00		60,00		60,00		63,80		4,61
	SRPL20-222-336HE	28 DA-A	19.05.2020	Plant P	136,25		0,00	92,50	91,30	<b>86,30</b>		<b>83,80</b>		82,50		<b>83,80</b>		4,82
	A.T/2021/034/PO	13 DA-A	01.05.2021	Plant P	123		0,00	75,00	76,30	63,80		65,00		61,30		60,00		5,31
	A.T/2021/034/PO	23 DA-A	11.05.2021	Plant P	123		0,00	<b>95,30</b>	<b>93,80</b>	82,50		83,80		71,30		70,00		3,16
	A.T/2021/035/PO	16 DA-A	05.05.2021	Plant P	25		0,00	<b>57,50</b>	<b>60,00</b>	<b>51,30</b>		<b>50,00</b>		<b>50,00</b>		<b>52,50</b>		4,03
	A.T/2021/035/PO	28 DA-A	17.05.2021	Plant P	25		0,00	77,50	78,80	70,00		70,00		67,50		70,00		2,48
				Average	92,66		0,00	79,74	79,63	71,11		69,86		67,83		68,46		
				min.	25,00		0,00	57,50	60,00	51,30		50,00		50,00		52,50		
				max.	136,25		0,00	95,30	93,80	86,30		83,80		85,00		83,80		

Table 3. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ALOMY Alopecurus myosuroides* in winter wheat ( 42-56 DA-A, plant)

Pest code			<b>ALOMY Alopecurus myosuroides</b>				
report code			SRPL20-221-336HE	SRPL20-222-336HE			
DA-A			42 DA-A	56 DA-A			
date			29.05.2020	16.06.2020			
Part rated			Plant P	Plant P	Average	min.	max.
Pest density m <sup>2</sup>			92	142,5	117,25	92,00	142,50
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	99,00	<b>93,80</b>	96,40	93,80	99,00
3	CHR/H/FETEC 110 EC - Part B	0,7	96,00	<b>92,50</b>	94,25	92,50	96,00
4	CHR/H/FET 110 EC - Part A	0,5	88,80	<b>86,30</b>	87,55	86,30	88,80
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	85,00	<b>83,80</b>	84,40	83,80	85,00
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	88,80	<b>83,80</b>	86,30	83,80	88,80
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	86,30	<b>85,00</b>	85,65	85,00	86,30
	Tristar 50 SG	0,025					
	LSD (P=.05)		6,70	4,29			

Table 4. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ALOMY Alopecurus myosuroides* in winter wheat ( 42-53 DA-A, panicle/ear)

Pest code			ALOMY Alopecurus myosuroides					
report code			SRPL20-221-336HE	A.T/2021/034/PO	A.T/2021/035/PO			
DA-A			42 DA-A	47 DA-A	53 DA-A			
date			29.05.2020	04.06.2021	11.06.2021			
Part rated			ear P	PANICLE	PANICLE	Average	min.	max.
Pest density m²			495,3	200	100	265,10	100,00	495,30
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	<b>99,21</b>	99,00	<b>88,80</b>	95,67	88,80	99,21
3	CHR/H/FETEC 110 EC - Part B	0,7	97,76	<b>99,00</b>	<b>87,50</b>	94,75	87,50	99,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>90,18</b>	86,00	<b>77,50</b>	84,56	77,50	90,18
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>89,82</b>	88,80	<b>76,30</b>	84,97	76,30	89,82
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>91,43</b>	77,50	<b>70,00</b>	79,64	70,00	91,43
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>88,97</b>	<b>74,30</b>	76,30	79,86	74,30	88,97
	Tristar 50 SG	0,025						
LSD (P=.05)			6,912	3,50	3,25			

Table 5. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *PAPRH Papaver rhoeas* in winter wheat ( 13-74 DA-A, plant)

Pest code	report code	DA-A	date	Part rated	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Ga- laper 200 EC	CHR/H/FETEC 110 EC - Part B	Ga- la- per 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	
						Rate (l,kg/ha)		0,7		0,7		0,5		0,4		0,5		
PAPRH Papaver rhoeas	SRPL20-221-336HE	13 DA-A	30.04.2020	Plant P	12		0,00	0,00	0,00	22,50		23,80		62,50		63,80		12,55
	SRPL20-221-336HE	28 DA-A	15.05.2020	Plant P	12		0,00	0,00	0,00	56,30		55,00		87,50		86,30		6,54
	SRPL20-221-336HE	42 DA-A	29.05.2020	Plant P	12		0,00	0,00	0,00	65,00		65,00		91,30		90,00		7,54
	A.T/2020/025/PO	14 DA-A	04.05.2020	Plant P	6		0,00	0,00	0,00	0,00		0,00		55,00		60,00		6,05
	A.T/2020/025/PO	28 DA-A	18.05.2020	Plant P	6		0,00	0,00	0,00	0,00		0,00		89,00		90,00		0,71
	A.T/2020/025/PO	65 DA-A	24.06.2020	Plant P	6		0,00	0,00	0,00	0,00		0,00		96,50		96,50		1,35
	A.T/2020/026/PO	13 DA-A	24.04.2020	Plant P	5		0,00	0,00	0,00	26,30		26,30		76,30		67,50		3,05
	A.T/2020/026/PO	27 DA-A	08.05.2020	Plant P	5		0,00	0,00	0,00	30,00		30,00		90,00		90,00		5,39
	A.T/2020/026/PO	74 DA-A	24.06.2020	Plant P	5		0,00	0,00	0,00	32,50		32,50		88,80		87,50		4,61
	A.T/2021/034/PO	13 DA-A	01.05.2021	Plant P	5		0,00	0,00	0,00	0,00		0,00		88,30		88,30		1,84
	A.T/2021/034/PO	23 DA-A	11.05.2021	Plant P	5		0,00	0,00	0,00	0,00		0,00		90,00		90,00		2,51
	A.T/2021/034/PO	47 DA-A	04.06.2021	Plant P	5		0,00	0,00	0,00	0,00		0,00		100,00		100,00		
			Average		7,00		0,00	0,00	0,00	19,38		19,38		84,60		84,16		
			min.		5,00		0,00	0,00	0,00	0,00		0,00		55,00		60,00		
			max.		12,00		0,00	0,00	0,00	65,00		65,00		100,00		100,00		

Table 6. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *PAPRH Papaver rhoeas* in winter wheat ( 13-28 DA-A, plant)

Pest code	report code	DA-A	date	Part rated	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05)
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETE C 110 EC - Part B	CHR/H/FET 110 EC - Part A	Ga la-per 20 0 EC	CHR/H/FETE C 110 EC - Part B	Ga la-per 20 0 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETE C 110 EC - Part B	Tri-star 50 SG	
						Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,02 5	0,5	0,02 5	
<b>PAPRH Papaver rhoeas</b>	SRPL20-221-336HE	13 DA-A	30.04.2020	Plant P	12		0,00	0,00	0,00	22,50		23,80		62,50		63,80		12,55
	SRPL20-221-336HE	28 DA-A	15.05.2020	Plant P	12		0,00	0,00	0,00	<b>56,30</b>		<b>55,00</b>		87,50		86,30		6,54
	A.T/2020/025/PO	14 DA-A	04.05.2020	Plant P	6		0,00	0,00	0,00	<b>0,00</b>		<b>0,00</b>		<b>55,00</b>		<b>60,00</b>		6,05
	A.T/2020/025/PO	28 DA-A	18.05.2020	Plant P	6		0,00	0,00	0,00	<b>0,00</b>		<b>0,00</b>		89,00		90,00		0,71
	A.T/2020/026/PO	13 DA-A	24.04.2020	Plant P	5		0,00	0,00	0,00	26,30		26,30		76,30		67,50		3,05
	A.T/2020/026/PO	27 DA-A	08.05.2020	Plant P	5		0,00	0,00	0,00	30,00		30,00		<b>90,00</b>		<b>90,00</b>		5,39
	A.T/2021/034/PO	13 DA-A	01.05.2021	Plant P	5		0,00	0,00	0,00	<b>0,00</b>		<b>0,00</b>		88,30		88,30		1,84
	A.T/2021/034/PO	23 DA-A	11.05.2021	Plant P	5		0,00	0,00	0,00	<b>0,00</b>		<b>0,00</b>		<b>90,00</b>		<b>90,00</b>		2,51
			Average		7,00		0,00	0,00	0,00	16,89		16,89		79,83		79,49		
			min.		5,00		0,00	0,00	0,00	0,00		0,00		55,00		60,00		
			max.		12,00		0,00	0,00	0,00	56,30		55,00		90,00		90,00		

Table 7. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *PAPRH Papaver rhoeas* in winter wheat ( 42-74 DA-A, plant)

Pest code			PAPRH Papaver rhoeas						
report code			SRPL20-221-336HE	A.T/2020/025/PO	A.T/2020/026/PO	A.T/2021/034/PO			
DA-A			42 DA-A	65 DA-A	74 DA-A	47 DA-A			
date			29.05.2020	24.06.2020	24.06.2020	04.06.2021	Average	min.	max.
Part rated			Plant P	Plant P	Plant P	Plant P			
Pest density m <sup>2</sup>			12	6	5	5	7,00	5,00	12,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>65,00</b>	<b>0,00</b>	32,50	<b>0,00</b>	24,38	0,00	65,00
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>65,00</b>	<b>0,00</b>	32,50	<b>0,00</b>	24,38	0,00	65,00
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	91,30	96,50	<b>88,80</b>	<b>100,00</b>	94,15	88,80	100,00
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	90,00	96,50	<b>87,50</b>	<b>100,00</b>	93,50	87,50	100,00
	Tristar 50 SG	0,025							
LSD (P=.05)			7,54	1,35	4,61				

Table 8. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VERPE Veronica persica* in winter wheat ( 13-42 DA-A, plant)

Pest code			VERPE Veronica persica					
report code			SRPL20-221-336HE	SRPL20-221-336HE	SRPL20-221-336HE			
DA-A			13 DA-A	28 DA-A	42 DA-A			
date			30.04.2020	15.05.2020	29.05.2020	Average	min.	max.
Pest density m <sup>2</sup>			10	10	10	10,00	10,00	10,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>48,80</b>	87,50	<b>88,80</b>	75,03	48,80	88,80
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>50,00</b>	86,30	<b>87,50</b>	74,60	50,00	87,50
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>36,30</b>	57,50	<b>77,50</b>	57,10	36,30	77,50
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>37,50</b>	56,30	<b>76,30</b>	56,70	37,50	76,30
	Tristar 50 SG	0,025						
	LSD (P=.05)		6,79	8,42	7,10			



Table 9. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VERPE Veronica persica* in winter wheat ( 13-28 DA-A, plant)

Pest code			VERPE Veronica persica				
report code			SRPL20-221-336HE	SRPL20-221-336HE			
DA-A			13 DA-A	28 DA-A			
date			30.04.2020	15.05.2020	Average	min.	max.
Pest density m <sup>2</sup>			10	10	10,00	10,00	10,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>48,80</b>	87,50	68,15	48,80	87,50
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>50,00</b>	86,30	68,15	50,00	86,30
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>36,30</b>	57,50	46,90	36,30	57,50
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>37,50</b>	56,30	46,90	37,50	56,30
	Tristar 50 SG	0,025					
HSD/LSD (P=.05)			6,79	8,42			

Table 10. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VERPE Veronica persica* in winter wheat ( 42 DA-A, plant)

Pest code			VERPE Veronica persica			
report code			SRPL20-221-336HE			
DA-A			42 DA-A			
date			29.05.2020	Average	min.	max.
Pest density m <sup>2</sup>			10	10,00	10,00	10,00
No.	Name	Rate (l,kg/ha)				
1	Untreated Check		0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>88,80</b>	88,80	88,80	88,80
	Galaper 200 EC	0,4				
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>87,50</b>	87,50	87,50	87,50
	Galaper 200 EC	0,4				
6	CHR/H/FET 110 EC - Part A	0,5	<b>77,50</b>	77,50	77,50	77,50
	Tristar 50 SG	0,025				
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>76,30</b>	76,30	76,30	76,30
	Tristar 50 SG	0,025				
	LSD (P=.05)		7,10			

Table 11. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *STEME Stellaria media* in winter wheat ( 13-65 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=,05)
					Name	Untrea- ted Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Gala- per 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7		0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	
STEME Stellaria media	SRPL20-221-336HE	13 DA-A	30.04.2020	8		0,00	0,00	0,00	60,00		58,80		62,50		61,30		9,45
	SRPL20-221-336HE	28 DA-A	15.05.2020	8		0,00	0,00	0,00	100,00		100,00		100,00		100,00		
	SRPL20-221-336HE	42 DA-A	29.05.2020	8		0,00	0,00	0,00	100,00		100,00		100,00		100,00		
	A.T/2020/025/PO	14 DA-A	04.05.2020	5		0,00	0,00	0,00	84,00		84,00		82,00		82,50		2,24
	A.T/2020/025/PO	28 DA-A	18.05.2020	5		0,00	0,00	0,00	84,50		84,50		89,00		89,80		1,52
	A.T/2020/025/PO	65 DA-A	24.06.2020	5		0,00	0,00	0,00	83,80		83,80		91,30		93,30		3,26
	AH/21/PO/10/Mr	21 DA-A	12.05.2021	7		0,00	0,00	0,00	77,50		77,50		77,50		77,50		4,39
	AH/21/PO/10/Mr	42 DA-A	02.06.2021	7		0,00	0,00	0,00	93,80		93,80		100,00		100,00		2,92
	AH/21/PO/10/Ra	21 DA-A	19.05.2021	10		0,00	0,00	0,00	77,50		77,50		80,00		80,00		3,10
	AH/21/PO/10/Ra	42 DA-A	09.06.2021	10		0,00	0,00	0,00	95,00		95,00		100,00		100,00		2,29
			Average	7,30		0,00	0,00	0,00	85,61		85,49		88,23		88,44		
			min.	5,00		0,00	0,00	0,00	60,00		58,80		62,50		61,30		
			max.	10,00		0,00	0,00	0,00	100,00		100,00		100,00		100,00		

Table 12. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *STEME Stellaria media* in winter wheat ( 13-28 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4	5	6	7					
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tri-star 50 SG	LSD (P=,05)
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
STEME Stellaria media	SRPL20-221-336HE	13 DA-A	30.04.2020	8		0,00	0,00	0,00	60,00		58,80		62,50		61,30		9,45
	SRPL20-221-336HE	28 DA-A	15.05.2020	8		0,00	0,00	0,00	100,00		100,00		100,00		100,00		
	A.T/2020/025/PO	14 DA-A	04.05.2020	5		0,00	0,00	0,00	84,00		84,00		82,00		82,50		2,24
	A.T/2020/025/PO	28 DA-A	18.05.2020	5		0,00	0,00	0,00	84,50		84,50		89,00		89,80		1,52
	AH/21/PO/10/Mr	21 DA-A	12.05.2021	7		0,00	0,00	0,00	77,50		77,50		77,50		77,50		4,39
	AH/21/PO/10/Ra	21 DA-A	19.05.2021	10		0,00	0,00	0,00	77,50		77,50		80,00		80,00		3,10
			Average	7,17		0,00	0,00	0,00	80,58		80,38		81,83		81,85		
			min.	5,00		0,00	0,00	0,00	60,00		58,80		62,50		61,30		
			max.	10,00		0,00	0,00	0,00	100,00		100,00		100,00		100,00		

Table 13. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *STEME Stellaria media* in winter wheat ( 42-65 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=,05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
STEME Stellaria media	SRPL20-221-336HE	42 DA-A	29.05.2020	8		0,00	0,00	0,00	100,00		100,00		100,00		100,00		
	A.T/2020/025/PO	65 DA-A	24.06.2020	5		0,00	0,00	0,00	83,80		83,80		91,30		93,30		3,26
	AH/21/PO/10/Mr	42 DA-A	02.06.2021	7		0,00	0,00	0,00	93,80		93,80		100,00		100,00		2,92
	AH/21/PO/10/Ra	42 DA-A	09.06.2021	10		0,00	0,00	0,00	95,00		95,00		100,00		100,00		2,29
			Average	7,50		0,00	0,00	0,00	93,15		93,15		97,83		98,33		
			min.	5,00		0,00	0,00	0,00	83,80		83,80		91,30		93,30		
			max.	10,00		0,00	0,00	0,00	100,00		100,00		100,00		100,00		

Table 14. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VIOAR Viola arvensis* in winter wheat ( 13-65 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala-per 200 EC	CHR/H/FETEC 110 EC - Part B	Gala-per 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri-star 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
<b>VIOAR Viola arvensis</b>	SRPL20-221-336HE	13 DA-A	30.04.2020	10		0,00	0,00	0,00	27,50		<b>25,00</b>		47,50		46,30		8,23
	SRPL20-221-336HE	28 DA-A	15.05.2020	10		0,00	0,00	0,00	60,00		58,80		72,50		71,30		4,23
	SRPL20-221-336HE	42 DA-A	29.05.2020	10		0,00	0,00	0,00	<b>73,80</b>		<b>72,50</b>		<b>81,30</b>		80,00		7,25
	A.T/2020/025/PO	14 DA-A	04.05.2020	16		0,00	0,00	0,00	42,50		43,80		<b>18,80</b>		<b>18,80</b>		6,59
	A.T/2020/025/PO	28 DA-A	18.05.2020	17		0,00	0,00	0,00	32,00		34,50		73,00		75,50		4,50
	A.T/2020/025/PO	65 DA-A	24.06.2020	17		0,00	0,00	0,00	35,30		35,30		72,00		73,30		5,19
	A.T/2020/026/PO	13 DA-A	24.04.2020	6,00		0,00	0,00	0,00	<b>23,80</b>		27,50		66,30		65,00		4,35
	A.T/2020/026/PO	27 DA-A	08.05.2020	5,00		0,00	0,00	0,00	30,00		30,00		81,30		<b>82,50</b>		2,21
				<b>Average</b>	11,38		0,00	0,00	0,00	40,61		40,93		64,09		64,09	
				<b>min.</b>	5,00		0,00	0,00	0,00	23,80		25,00		18,80		18,80	
				<b>max.</b>	17,00		0,00	0,00	0,00	73,80		72,50		81,30		82,50	

Table 15. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VIOAR Viola arvensis* in winter wheat ( 13-28 DA-A, plant)

Pest code	report code	DA-A	date	Pest den- sity m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Ga-laper 200 EC	CHR/H/FETEC 110 EC - Part B	Gala-per 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri-star 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
VIOAR Viola arvensis	SRPL20-221-336HE	13 DA-A	30.04.2020	10		0,00	0,00	0,00	27,50		25,00		47,50		46,30		8,23
	SRPL20-221-336HE	28 DA-A	15.05.2020	10		0,00	0,00	0,00	60,00		58,80		72,50		71,30		4,23
	A.T/2020/025/PO	14 DA-A	04.05.2020	16		0,00	0,00	0,00	42,50		43,80		18,80		18,80		6,59
	A.T/2020/025/PO	28 DA-A	18.05.2020	17		0,00	0,00	0,00	32,00		34,50		73,00		75,50		4,50
	A.T/2020/026/PO	13 DA-A	24.04.2020	6,00		0,00	0,00	0,00	23,80		27,50		66,30		65,00		4,35
	A.T/2020/026/PO	27 DA-A	08.05.2020	5,00		0,00	0,00	0,00	30,00		30,00		81,30		82,50		2,21
			Average	10,67		0,00	0,00	0,00	35,97		36,60		59,90		59,90		
			min.	5,00		0,00	0,00	0,00	23,80		25,00		18,80		18,80		
			max.	17,00		0,00	0,00	0,00	60,00		58,80		81,30		82,50		

Table 16. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VIOAR Viola arvensis* in winter wheat ( 42-65 DA-A, plant)

Pest code			VIOAR Viola arvensis				
report code			SRPL20-221-336HE	A.T/2020/025/PO			
DA-A			42 DA-A	65 DA-A			
date			29.05.2020	24.06.2020	Average	min.	max.
Pest density m²			10	17	13,50	10,00	17,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>73,80</b>	<b>35,30</b>	54,55	35,30	73,80
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>72,50</b>	<b>35,30</b>	53,90	35,30	72,50
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>81,30</b>	<b>72,00</b>	76,65	72,00	81,30
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>80,00</b>	<b>73,30</b>	76,65	73,30	80,00
	Tristar 50 SG	0,025					
	LSD (P=.05)		7,25	5,19			



Table 17. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CNSRE Consolida regalis* in winter wheat (13-42 DA-A, plant)

Pest code			CNSRE Consolida regalis					
report code			SRPL20-221-336HE	SRPL20-221-336HE	SRPL20-221-336HE			
DA-A			13 DA-A	28 DA-A	42 DA-A			
date			30.04.2020	15.05.2020	29.05.2020	Average	min.	max.
Pest density m <sup>2</sup>			6	6	6	6,00	6,00	6,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>43,80</b>	57,50	<b>77,50</b>	59,60	43,80	77,50
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>42,50</b>	56,30	<b>76,30</b>	58,37	42,50	76,30
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>50,00</b>	77,50	<b>80,00</b>	69,17	50,00	80,00
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>48,80</b>	75,00	<b>77,50</b>	67,10	48,80	77,50
	Tristar 50 SG	0,025						
	LSD (P=.05)		8,03	6,46	5,15			

Table 18. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CNSRE Consolida regalis* in winter wheat (13-42 DA-A, plant)

Pest code			CNSRE Consolida regalis				
report code			SRPL20-221-336HE	SRPL20-221-336HE			
DA-A			13 DA-A	28 DA-A			
date			30.04.2020	15.05.2020	Average	min.	max.
Pest density m <sup>2</sup>			6	6	6,00	6,00	6,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>43,80</b>	<b>57,50</b>	50,65	43,80	57,50
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>42,50</b>	<b>56,30</b>	49,40	42,50	56,30
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>50,00</b>	<b>77,50</b>	63,75	50,00	77,50
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>48,80</b>	<b>75,00</b>	61,90	48,80	75,00
	Tristar 50 SG	0,025					
	LSD (P=.05)		8,03	6,46			

Table 19. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CNSRE Consolida regalis* in winter wheat (13-42 DA-A, plant)

Pest code			<i>CNSRE Consolida regalis</i>			
report code			SRPL20-221-336HE			
DA-A			42 DA-A			
date			29.05.2020	Average	min.	max.
Pest density m <sup>2</sup>			6	6,00	6,00	6,00
No.	Name	Rate (l,kg/ha)				
1	Untreated Check		0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	77,50	77,50	77,50	77,50
	Galaper 200 EC	0,4				
5	CHR/H/FETEC 110 EC - Part B	0,5	76,30	76,30	76,30	76,30
	Galaper 200 EC	0,4				
6	CHR/H/FET 110 EC - Part A	0,5	80,00	80,00	80,00	80,00
	Tristar 50 SG	0,025				
7	CHR/H/FETEC 110 EC - Part B	0,5	77,50	77,50	77,50	77,50
	Tristar 50 SG	0,025				
	LSD (P=.05)		5,15			

Table 20. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *APESV Apera spica-venti* in winter wheat (13-76 DA-A, plant, panicle/ear)

Pest code	report code	DA-A	date	Part rated	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=,05)
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala- per 200 EC	CHR/H/FETEC 110 EC - Part B	Gala- per 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	
						Rate (l,kg/ha)	0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025		
APESV Apera spica- venti	A.T/2020/025/PO	14 DA-A	04.05.2020	Plant P	22		0,00	43,80	45,00	33,30		35,00		32,50		32,50		4,28
	A.T/2020/025/PO	28 DA-A	18.05.2020	Plant P	23		0,00	59,50	52,80	39,50		42,80		41,00		40,80		7,86
	A.T/2020/025/PO	65 DA-A	24.06.2020	Panicle	188		0,00	61,50	63,30	45,80		49,80		37,80		35,30		8,78
	A.T/2020/026/PO	13 DA-A	24.04.2020	Plant P	27		0,00	58,80	60,00	56,30		57,50		58,80		60,00		4,11
	A.T/2020/026/PO	27 DA-A	08.05.2020	Plant P	27		0,00	76,30	77,50	70,00		70,00		66,30		67,50		3,55
	A.T/2020/026/PO	74 DA-A	24.06.2020	Panicle	50		0,00	67,50	65,00	62,50		60,00		50,00		50,00		2,97
	A.T/2021/034/PO	13 DA-A	01.05.2021	Plant P	42		0,00	66,30	66,30	58,80		59,80		60,80		60,00		2,51
	A.T/2021/034/PO	23 DA-A	11.05.2021	Plant P	42		0,00	86,30	82,50	72,50		73,80		66,30		66,30		3,28
	A.T/2021/034/PO	47 DA-A	04.06.2021	Panicle	57		0,00	88,80	86,30	77,50		83,80		65,80		62,50		8,37
	AH/21/PO/10/Mr	21 DA-A	12.05.2021	Plant P	10		0,00	78,80	78,80	77,50		77,50		77,50		77,50		4,26
	AH/21/PO/10/Mr	42 DA-A	02.06.2021	Plant P	10		0,00	100,00	100,00	95,00		95,00		93,80		93,80		3,94
	AH/21/PO/10/Mr	76 DA-A	06.07.2021	Plant P	10		0,00	100,00	100,00	95,00		95,00		93,80		93,80		3,94
	AH/21/PO/10/Mr	76 DA-A	06.07.2021	ear	28		0,00	100,00	100,00	95,00		95,00		93,80		93,80		3,94
	AH/21/PO/10/Ra	21 DA-A	19.05.2021	Plant P	15		0,00	80,00	80,00	77,50		77,50		77,50		77,50		3,62
	AH/21/PO/10/Ra	42 DA-A	09.06.2021	Plant P	15		0,00	100,00	100,00	95,00		95,00		95,00		95,00		3,37
	AH/21/PO/10/Ra	68 DA-A	05.07.2021	Plant P	15		0,00	100,00	100,00	95,00		95,00		95,00		95,00		3,37
	AH/21/PO/10/Ra	68 DA-A	05.07.2021	ear	33		0,00	100,00	100,00	95,00		95,00		95,00		95,00		3,37

	<b>Average</b>		36,12		0,00	80,45	79,85	73,01		73,97		70,63		70,37		
	<b>min.</b>		10,00		0,00	43,80	45,00	33,30		35,00		32,50		32,50		
	<b>max.</b>		188,00		0,00	100,00	100,00	95,00		95,00		95,00		95,00		

Table 21. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *APESV Apera spica-venti* in winter wheat (13-28 DA-A, plant)

Pest code	report code	DA-A	date	Part rated	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
						Nam e	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETE C 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galla-per 200 EC	CHR/H/FETE C 110 EC - Part B	Galla-per 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETE C 110 EC - Part B	Tristar 50 SG	
						Rate (l,kg/ha)	0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025		
APESV Apera spica-venti	A.T/2020/025/PO	14 DA-A	04.05.2020	Plant P	22		0,00	43,80	45,00	33,30		35,00		32,50		32,50		4,28
	A.T/2020/025/PO	28 DA-A	18.05.2020	Plant P	23		0,00	59,50	52,80	39,50		42,80		41,00		40,80		7,86
	A.T/2020/026/PO	13 DA-A	24.04.2020	Plant P	27		0,00	58,80	60,00	56,30		57,50		58,80		60,00		4,11
	A.T/2020/026/PO	27 DA-A	08.05.2020	Plant P	27		0,00	76,30	77,50	70,00		70,00		66,30		67,50		3,55
	A.T/2021/034/PO	13 DA-A	01.05.2021	Plant P	42		0,00	66,30	66,30	58,80		59,80		60,80		60,00		2,51
	A.T/2021/034/PO	23 DA-A	11.05.2021	Plant P	42		0,00	86,30	82,50	72,50		73,80		66,30		66,30		3,28
	AH/21/PO/10/Mr	21 DA-A	12.05.2021	Plant P	10		0,00	78,80	78,80	77,50		77,50		77,50		77,50		4,26
	AH/21/PO/10/Ra	21 DA-A	19.05.2021	Plant P	15		0,00	80,00	80,00	77,50		77,50		77,50		77,50		3,62
			Average		26,00		0,00	68,73	67,86	60,68		61,74		60,09		60,26		
			min.		10,00		0,00	43,80	45,00	33,30		35,00		32,50		32,50		
			max.		42,00		0,00	86,30	82,50	77,50		77,50		77,50		77,50		

Table 22. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *APESV Apera spica-venti* in winter wheat (42-76 DA-A, plant)

Pest code			APESV <i>Apera spica-venti</i>						
report code			AH/21/PO/10/Mr	AH/21/PO/10/Mr	AH/21/PO/10/Ra	AH/21/PO/10/Ra			
DA-A			42 DA-A	76 DA-A	42 DA-A	68 DA-A			
date			02.06.2021	06.07.2021	09.06.2021	05.07.2021	Average	min.	max.
Part rated			Plant P	Plant P	Plant P	Plant P			
Pest density m <sup>2</sup>			10	10	15	15	12,50	10,00	15,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>	100,00	100,00	100,00
3	CHR/H/FETEC 110 EC - Part B	0,7	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>	100,00	100,00	100,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>95,00</b>	<b>95,00</b>	<b>95,00</b>	<b>95,00</b>	95,00	95,00	95,00
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>95,00</b>	<b>95,00</b>	<b>95,00</b>	<b>95,00</b>	95,00	95,00	95,00
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	<b>93,80</b>	<b>93,80</b>	<b>95,00</b>	<b>95,00</b>	94,40	93,80	95,00
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>93,80</b>	<b>93,80</b>	<b>95,00</b>	<b>95,00</b>	94,40	93,80	95,00
	Tristar 50 SG	0,025							
	LSD (P=.05)		3,94	3,94	3,37	3,37			

Table 23. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *APESV Apera spica-venti* in winter wheat (47-76 DA-A, panicle/ear)

Pest code			APESV Apera spica-venti					Average min. max.		
report code			A.T/2020/025/PO	A.T/2020/026/PO	A.T/2021/034/PO	AH/21/PO/10/Mr	AH/21/PO/10/Ra			
DA-A			65 DA-A	74 DA-A	47 DA-A	76 DA-A	68 DA-A			
date			24.06.2020	24.06.2020	04.06.2021	06.07.2021	05.07.2021	Average	min.	max.
Part rated			Panicle	Panicle	Panicle	ear	ear			
Pest density m <sup>2</sup>			188	50	57	28	33	71,20	28,00	188,00
No.	Name	Rate (l,kg/ha)								
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	<b>61,50</b>	67,50	88,80	<b>100,00</b>	<b>100,00</b>	83,56	61,50	100,00
3	CHR/H/FETEC 110 EC - Part B	0,7	<b>63,30</b>	65,00	86,30	<b>100,00</b>	<b>100,00</b>	82,92	63,30	100,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>45,80</b>	62,50	77,50	<b>95,00</b>	<b>95,00</b>	75,16	45,80	95,00
	Galaper 200 EC	0,4								
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>49,80</b>	60,00	83,80	<b>95,00</b>	<b>95,00</b>	76,72	49,80	95,00
	Galaper 200 EC	0,4								
6	CHR/H/FET 110 EC - Part A	0,5	<b>37,80</b>	50,00	65,80	93,80	<b>95,00</b>	68,48	37,80	95,00
	Tristar 50 SG	0,025								

7	CHR/H/FETEC 110 EC - Part B	0,5	<b>35,30</b>	50,00	62,50	93,80	<b>95,00</b>	67,32	35,30	95,00
	Tristar 50 SG	0,025								
	LSD (P=.05)		8,78	2,97	8,37	3,94	3,37			

Table 24. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *LITAR Buglossoides arvensis* in winter wheat (14-65 DA-A, plant)

Pest code			LITAR Buglossoides arvensis			Averagemin.max.		
report code			A.T/2020/025/PO	A.T/2020/025/PO	A.T/2020/025/PO			
DA-A			14 DA-A	28 DA-A	65 DA-A			
date			04.05.2020	18.05.2020	24.06.2020			
Pest density m <sup>2</sup>			5	5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	67,00	<b>67,50</b>	<b>62,00</b>	65,50	62,00	67,50
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>69,50</b>	68,30	<b>63,30</b>	67,03	63,30	69,50
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>72,00</b>	77,30	<b>77,50</b>	75,60	72,00	77,50
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>74,00</b>	77,30	<b>78,80</b>	76,70	74,00	78,80
	Tristar 50 SG	0,025						



	LSD (P=.05)		4,98	4,08	5,13			
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Table 25. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *LITAR Buglossoides arvensis* in winter wheat (14-28 DA-A, plant)

Pest code			LITAR Buglossoides arvensis				
report code			A.T/2020/025/PO	A.T/2020/025/PO			
DA-A			14 DA-A	28 DA-A			
date			04.05.2020	18.05.2020	Average	min.	max.
Pest density m <sup>2</sup>			5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	67,00	<b>67,50</b>	67,25	67,00	67,50
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>69,50</b>	68,30	68,90	68,30	69,50
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	72,00	<b>77,30</b>	74,65	72,00	77,30
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	74,00	<b>77,30</b>	75,65	74,00	77,30
	Tristar 50 SG	0,025					

	LSD (P=.05)		4,98	4,08			
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Table 26. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *LITAR Buglossoides arvensis* in winter wheat (65 DA-A, plant)

Pest code			LITAR Buglossoides arvensis			
report code			A.T/2020/025/PO			
DA-A			65 DA-A			
date			24.06.2020			
Pest density m <sup>2</sup>			5			
No.	Name	Rate (l,kg/ha)		Average	min.	max.
1	Untreated Check		0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	62,00	62,00	62,00	62,00
	Galaper 200 EC	0,4				
5	CHR/H/FETEC 110 EC - Part B	0,5	63,30	63,30	63,30	63,30
	Galaper 200 EC	0,4				
6	CHR/H/FET 110 EC - Part A	0,5	77,50	77,50	77,50	77,50
	Tristar 50 SG	0,025				
7	CHR/H/FETEC 110 EC - Part B	0,5	78,80	78,80	78,80	78,80

	Tristar 50 SG	0,025				
	LSD (P=.05)		5,13			

Table 27. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *BRSNW Brassica napus* in winter wheat (14-65 DA-A, plant)

Pest code			BRSNW Brassica napus					
report code			A.T/2020/025/PO	A.T/2020/025/PO	A.T/2020/025/PO			
DA-A			14 DA-A	28 DA-A	65 DA-A			
date			04.05.2020	18.05.2020	24.06.2020	Average	min.	max.
Pest density m <sup>2</sup>			5	5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>62,00</b>	<b>60,00</b>	61,80	61,27	60,00	62,00
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>65,80</b>	<b>60,80</b>	61,80	62,80	60,80	65,80
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>84,00</b>	98,00	<b>100,00</b>	94,00	84,00	100,00
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>85,00</b>	98,00	<b>100,00</b>	94,33	85,00	100,00
	Tristar 50 SG	0,025						

	LSD (P=.05)		4,48	3,31	1,95			
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Table 28. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *BRSNW Brassica napus* in winter wheat (14-28 DA-A, plant)

Pest code			BRSNW Brassica napus				
report code			A.T/2020/025/PO	A.T/2020/025/PO			
DA-A			14 DA-A	28 DA-A			
date			04.05.2020	18.05.2020	Average	min.	max.
Pest density m²			5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>62,00</b>	<b>60,00</b>	61,00	60,00	62,00
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>65,80</b>	<b>60,80</b>	63,30	60,80	65,80
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>84,00</b>	98,00	91,00	84,00	98,00
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>85,00</b>	98,00	91,50	85,00	98,00
	Tristar 50 SG	0,025					

	LSD (P=.05)		4,48	3,31			
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Table 29. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *BRSNW Brassica napus* in winter wheat (65 DA-A, plant)

Pest code			BRSNW Brassica napus			
report code			A.T/2020/025/PO			
DA-A			65 DA-A			
date			24.06.2020	Average	min.	max.
Pest density m²			5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)				
1	Untreated Check		0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	61,80	61,80	61,80	61,80
	Galaper 200 EC	0,4				
5	CHR/H/FETEC 110 EC - Part B	0,5	61,80	61,80	61,80	61,80
	Galaper 200 EC	0,4				
6	CHR/H/FET 110 EC - Part A	0,5	<b>100,00</b>	100,00	100,00	100,00
	Tristar 50 SG	0,025				
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>100,00</b>	100,00	100,00	100,00
	Tristar 50 SG	0,025				

	LSD (P=.05)		1,95			
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Table 30. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CENCY Centaurea cyanus* in winter wheat (13-74 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Gala- per 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
CENCY Centaurea cyanus	A.T/2020/025/PO	14 DA-A	04.05.2020	5		0,00	0,00	0,00	47,50		52,50		85,00		85,00		2,51
	A.T/2020/025/PO	28 DA-A	18.05.2020	5		0,00	0,00	0,00	52,50		57,50		91,30		90,80		2,74
	A.T/2020/025/PO	65 DA-A	24.06.2020	5		0,00	0,00	0,00	43,30		43,30		91,50		90,30		5,51
	A.T/2020/026/PO	13 DA-A	24.04.2020	5		0,00	0,00	0,00	32,50		37,50		72,50		70,00		7,32
	A.T/2020/026/PO	27 DA-A	08.05.2020	5		0,00	0,00	0,00	50,00		51,30		87,50		87,50		2,48
	A.T/2020/026/PO	74 DA-A	24.06.2020	5		0,00	0,00	0,00	45,00		45,00		87,50		88,80		5,71
	A.T/2021/034/PO	13 DA-A	01.05.2021	8		0,00	0,00	0,00	56,30		56,30		73,30		73,30		4,19
	A.T/2021/034/PO	23 DA-A	11.05.2021	8		0,00	0,00	0,00	51,30		51,30		73,30		75,00		3,69
	A.T/2021/034/PO	47 DA-A	04.06.2021	6		0,00	0,00	0,00	47,50		51,30		89,50		92,00		4,68
			Average	5,78		0,00	0,00	0,00	47,32		49,56		83,49		83,63		
			min.	5,00		0,00	0,00	0,00	32,50		37,50		72,50		70,00		
			max.	8,00		0,00	0,00	0,00	56,30		57,50		91,50		92,00		

Table 31. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CENCY Centaurea cyanus* in winter wheat (13-28 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4	5	6	7					
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri-star 50 SG	LSD (P=,05)
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
CENCY Centaurea cyanus	A.T/2020/025/PO	14 DA-A	04.05.2020	5		0,00	0,00	0,00	47,50		52,50		85,00		85,00		2,51
	A.T/2020/025/PO	28 DA-A	18.05.2020	5		0,00	0,00	0,00	52,50		57,50		91,30		90,80		2,74
	A.T/2020/026/PO	13 DA-A	24.04.2020	5		0,00	0,00	0,00	32,50		37,50		72,50		70,00		7,32
	A.T/2020/026/PO	27 DA-A	08.05.2020	5		0,00	0,00	0,00	50,00		51,30		87,50		87,50		2,48
	A.T/2021/034/PO	13 DA-A	01.05.2021	8		0,00	0,00	0,00	56,30		56,30		73,30		73,30		4,19
	A.T/2021/034/PO	23 DA-A	11.05.2021	8		0,00	0,00	0,00	51,30		51,30		73,30		75,00		3,69
			Average	6,00		0,00	0,00	0,00	48,35		51,07		80,48		80,27		
			min.	5,00		0,00	0,00	0,00	32,50		37,50		72,50		70,00		
			max.	8,00		0,00	0,00	0,00	56,30		57,50		91,30		90,80		

Table 32. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CENCY Centaurea cyanus* in winter wheat (47-74 DA-A, plant)

Pest code			CENCY Centaurea cyanus					
report code			A.T/2020/025/PO	A.T/2020/026/PO	A.T/2021/034/PO			
DA-A			65 DA-A	74 DA-A	47 DA-A			
date			24.06.2020	24.06.2020	04.06.2021	Average	min.	max.
Pest density m <sup>2</sup>			5	5	6	5,33	5,00	6,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>43,30</b>	45,00	<b>47,50</b>	45,27	43,30	47,50
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>43,30</b>	45,00	<b>51,30</b>	46,53	43,30	51,30
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>91,50</b>	<b>87,50</b>	89,50	89,50	87,50	91,50
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	90,30	<b>88,80</b>	<b>92,00</b>	90,37	88,80	92,00
	Tristar 50 SG	0,025						



	LSD (P=.05)		5,51	5,71	4,68			
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Table 33. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VERHE Veronica hederifolia* in winter wheat (13-27 DA-A, plant)

Pest code			VERHE Veronica hederifolia				
report code			A.T/2020/026/PO	A.T/2020/026/PO			
DA-A			13 DA-A	27 DA-A			
date			24.04.2020	08.05.2020	Average	min.	max.
Pest density m²			6	6	6,00	6,00	6,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>27,50</b>	30,00	28,75	27,50	30,00
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>30,00</b>	30,00	30,00	30,00	30,00
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>55,00</b>	77,50	66,25	55,00	77,50
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>51,30</b>	76,30	63,80	51,30	76,30
	Tristar 50 SG	0,025					

	LSD (P=.05)		6,14	2,21			
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Table 34. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ANTAR Anthemis arvensis* in winter wheat (13-74 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=,05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
ANTAR Anthemis arvensis	A.T/2020/026/PO	13 DA-A	24.04.2020	5		0,00	0,00	0,00	30,00		30,00		77,50		72,50		2,75
	A.T/2020/026/PO	27 DA-A	08.05.2020	5		0,00	0,00	0,00	30,00		30,00		87,50		86,30		2,48
	A.T/2020/026/PO	74 DA-A	24.06.2020	5		0,00	0,00	0,00	25,00		25,00		99,30		100,00		5,25
	A.T/2021/034/PO	13 DA-A	01.05.2021	6		0,00	0,00	0,00	38,80		38,80		77,50		77,50		3,37
	A.T/2021/034/PO	23 DA-A	11.05.2021	6		0,00	0,00	0,00	32,50		30,00		75,80		74,50		4,46
	A.T/2021/034/PO	47 DA-A	04.06.2021	6		0,00	0,00	0,00	37,50		38,80		96,80		96,80		5,07
			Average	5,50		0,00	0,00	0,00	32,30		32,10		85,73		84,60		
			min.	5,00		0,00	0,00	0,00	25,00		25,00		75,80		72,50		
			max.	6,00		0,00	0,00	0,00	38,80		38,80		99,30		100,00		

Table 35. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ANTAR Anthemis arvensis* in winter wheat (13-27 DA-A, plant)

Pest code			ANTAR Anthemis arvensis						
report code			A.T/2020/026/PO	A.T/2020/026/PO	A.T/2021/034/PO	A.T/2021/034/PO			
DA-A			13 DA-A	27 DA-A	13 DA-A	23 DA-A			
date			24.04.2020	08.05.2020	01.05.2021	11.05.2021	Average	min.	max.
Pest density m <sup>2</sup>			5	5	6	6	5,50	5,00	6,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>30,00</b>	<b>30,00</b>	<b>38,80</b>	32,50	32,83	30,00	38,80
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>30,00</b>	<b>30,00</b>	<b>38,80</b>	<b>30,00</b>	32,20	30,00	38,80
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	77,50	<b>87,50</b>	77,50	<b>75,80</b>	79,58	75,80	87,50
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>72,50</b>	<b>86,30</b>	77,50	74,50	77,70	72,50	86,30
	Tristar 50 SG	0,025							
	LSD (P=.05)		2,75	2,48	3,37	4,46			

Table 36. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ANTAR Anthemis arvensis* in winter wheat (47-74 DA-A, plant)

Pest code			ANTAR Anthemis arvensis				
report code			A.T/2020/026/PO	A.T/2021/034/PO			
DA-A			74 DA-A	47 DA-A			
date			24.06.2020	04.06.2021	Average	min.	max.
Pest density m <sup>2</sup>			5	6	5,50	5,00	6,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	25,00	37,50	31,25	25,00	37,50
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	25,00	38,80	31,90	25,00	38,80
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	99,30	96,80	98,05	96,80	99,30
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	100,00	96,80	98,40	96,80	100,00
	Tristar 50 SG	0,025					

	LSD (P=.05)		5,25	5,07			
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Table 37. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CAPBP Capsella bursa-pastoris* in winter wheat (13-42 DA-A, plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=,05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala- per 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
CAPBP Capsella bursa-pa- storis	A.T/2020/026/PO	13 DA-A	24.04.2020	5		0,00	0,00	0,00	25,00		30,00		73,80		72,50		6,04
	A.T/2020/026/PO	27 DA-A	08.05.2020	5		0,00	0,00	0,00	30,00		30,00		90,00		90,00		7,45
	AH/21/PO/10/Mr	21 DA-A	12.05.2021	8		0,00	0,00	0,00	77,50		77,50		76,30		76,30		2,92
	AH/21/PO/10/Mr	42 DA-A	02.06.2021	8		0,00	0,00	0,00	95,00		95,00		93,80		93,80		3,94
	AH/21/PO/10/Ra	21 DA-A	19.05.2021	5		0,00	0,00	0,00	77,50		77,50		77,50		77,50		2,96
	AH/21/PO/10/Ra	42 DA-A	09.06.2021	5		0,00	0,00	0,00	95,00		95,00		95,00		95,00		3,24
			Average	6,00		0,00	0,00	0,00	66,67		67,50		84,40		84,18		
			min.	5,00		0,00	0,00	0,00	25,00		30,00		73,80		72,50		
			max.	8,00		0,00	0,00	0,00	95,00		95,00		95,00		95,00		

Table 38. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CAPBP Capsella bursa-pastoris* in winter wheat (13-27 DA-A, plant)

Pest code			CAPBP Capsella bursa-pastoris						
report code			A.T/2020/026/PO	A.T/2020/026/PO	AH/21/PO/10/Mr	AH/21/PO/10/Ra			
DA-A			13 DA-A	27 DA-A	21 DA-A	21 DA-A			
date			24.04.2020	08.05.2020	12.05.2021	19.05.2021	Average	min.	max.
Pest density m <sup>2</sup>			5	5	8	5	5,75	5,00	8,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	25,00	30,00	77,50	77,50	52,50	25,00	77,50
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	30,00	30,00	77,50	77,50	53,75	30,00	77,50
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	73,80	90,00	76,30	77,50	79,40	73,80	90,00
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	72,50	90,00	76,30	77,50	79,08	72,50	90,00
	Tristar 50 SG	0,025							
LSD (P=.05)			6,04	7,45	2,92	2,96			

Table 39. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CAPBP Capsella bursa-pastoris* in winter wheat (42 DA-A, plant)

Pest code			CAPBP Capsella bursa-pastoris				
report code			AH/21/PO/10/Mr	AH/21/PO/10/Ra			
DA-A			42 DA-A	42 DA-A			
date			02.06.2021	09.06.2021	Average	min.	max.
Pest density m <sup>2</sup>			8	5	6,50	5,00	8,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>95,00</b>	<b>95,00</b>	95,00	95,00	95,00
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>95,00</b>	<b>95,00</b>	95,00	95,00	95,00
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	93,80	<b>95,00</b>	94,40	93,80	95,00
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	93,80	<b>95,00</b>	94,40	93,80	95,00
	Tristar 50 SG	0,025					
	LSD (P=.05)		3,94	3,24			

Table 40. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *AVEFA Avena fatua* in spring barley (13-66 DA-A, plant, panicle/ear)

Pest code	report code	DA-A	Part rated	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05)
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri-star 50 SG	
						Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
AVEFA <i>Avena fatua</i>	A.T/2020/008/JJ	13 DA-A	Plant P	28.05.2020	13		0,00	<b>47,50</b>	<b>47,50</b>	<b>42,50</b>		<b>41,30</b>		43,80		41,30		3,95
	A.T/2020/008/JJ	24 DA-A	Plant P	08.06.2020	13		0,00	76,30	76,30	62,50		57,50		60,00		55,00		5,02
	A.T/2020/008/JJ	33 DA-A	Plant P	17.06.2020	13		0,00	99,00	99,00	<b>99,00</b>		92,50		99,00		90,00		3,28
	A.T/2020/008/JJ	66 DA-A	Panicle	20.07.2020	20		0,00	<b>100,00</b>	<b>100,00</b>	97,50		87,50		<b>100,00</b>		83,80		7,85
	AH/20/JJ/21/Br	28 DA-A	Plant P	15.06.2020	5		0,00	93,80	93,80	90,00		90,00		88,80		88,80		3,91
	AH/20/JJ/21/Br	56 DA-A	Plant P	13.07.2020	5		0,00	95,00	95,00	90,00		90,00		90,00		90,00		4,39
	AH/20/JJ/21/Br	56 DA-A	ear	13.07.2020	17		0,00	95,00	95,00	90,00		90,00		90,00		90,00		4,39
	A.T/2021/036/JJ	14 DA-A	Plant P	24.05.2021	20		0,00	53,80	52,50	42,50		45,00		<b>35,00</b>		<b>30,00</b>		5,25
	A.T/2021/036/JJ	28 DA-A	Plant P	07.06.2021	20		0,00	83,80	82,50	72,50		75,00		60,00		57,50		3,53
	A.T/2021/036/JJ	42 DA-A	Panicle	21.06.2021	68		0,00	96,50	92,50	83,80		85,00		70,00		67,50		3,31
	AH/21/JJ/10/Ra	21 DA-A	Plant P	26.05.2021	11		0,00	76,30	76,30	76,30		76,30		77,50		77,50		4,13
	AH/21/JJ/10/Ra	42 DA-A	Plant P	16.06.2021	11		0,00	98,80	98,80	95,00		<b>95,00</b>		95,00		<b>95,00</b>		3,94



	AH/21/JJ/10/Ra	62 DA-A	Plant P	06.07.2021	11		0,00	100,00	100,00	95,00		<b>95,00</b>		95,00		<b>95,00</b>		3,50
	AH/21/JJ/10/Ra	62 DA-A	ear	06.07.2021	31		0,00	<b>100,00</b>	<b>100,00</b>	95,00		<b>95,00</b>		95,00		<b>95,00</b>		3,50
				<b>Average</b>	18,43		0,00	86,84	86,37	80,83		79,65		78,51		75,46		
				<b>min.</b>	5,00		0,00	47,50	47,50	42,50		41,30		35,00		30,00		
				<b>max.</b>	68,00		0,00	100,00	100,00	99,00		95,00		100,00		95,00		

Table 41. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *AVEFA Avena fatua* in spring barley (13-28 DA-A, plant)

Pest code	report code	DA-A	Part rated	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala- per 200 EC	CHR/H/FETEC 110 EC - Part B	Gala- per 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	
						Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
AVEFA Avena fatua	A.T/2020/008/JJ	13 DA-A	Plant P	28.05.2020	13		0,00	47,50	47,50	42,50		41,30		43,80		41,30		3,95
	A.T/2020/008/JJ	24 DA-A	Plant P	08.06.2020	13		0,00	76,30	76,30	62,50		57,50		60,00		55,00		5,02
	AH/20/JJ/21/Br	28 DA-A	Plant P	15.06.2020	5		0,00	93,80	93,80	90,00		90,00		88,80		88,80		3,91
	A.T/2021/036/JJ	14 DA-A	Plant P	24.05.2021	20		0,00	53,80	52,50	42,50		45,00		35,00		30,00		5,25
	A.T/2021/036/JJ	28 DA-A	Plant P	07.06.2021	20		0,00	83,80	82,50	72,50		75,00		60,00		57,50		3,53
	AH/21/JJ/10/Ra	21 DA-A	Plant P	26.05.2021	11		0,00	76,30	76,30	76,30		76,30		77,50		77,50		4,13
					Average	13,67		0,00	71,92	71,48	64,38		64,18		60,85		58,35	
					min.	5,00		0,00	47,50	47,50	42,50		41,30		35,00		30,00	
					max.	20,00		0,00	93,80	93,80	90,00		90,00		88,80		88,80	

Table 42. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *AVEFA Avena fatua* in spring barley (33-62 DA-A, plant)

Pest code			AVEFA Avena fatua						
report code			A.T/2020/008/JJ	AH/20/JJ/21/Br	AH/21/JJ/10/Ra	AH/21/JJ/10/Ra			
DA-A			33 DA-A	56 DA-A	42 DA-A	62 DA-A			
date			17.06.2020	13.07.2020	16.06.2021	06.07.2021	Average	min.	max.
Part rated			Plant P	Plant P	Plant P	Plant P			
Pest density m <sup>2</sup>			13	5	11	11	10,00	5,00	13,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	99,00	<b>95,00</b>	98,80	<b>100,00</b>	98,20	95,00	100,00
3	CHR/H/FETEC 110 EC - Part B	0,7	99,00	<b>95,00</b>	98,80	<b>100,00</b>	98,20	95,00	100,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>99,00</b>	<b>90,00</b>	95,00	95,00	94,75	90,00	99,00
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	92,50	<b>90,00</b>	<b>95,00</b>	<b>95,00</b>	93,13	90,00	95,00
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	<b>99,00</b>	<b>90,00</b>	95,00	95,00	94,75	90,00	99,00
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	90,00	<b>90,00</b>	<b>95,00</b>	<b>95,00</b>	92,50	90,00	95,00
	Tristar 50 SG	0,025							
	LSD (P=.05)		3,28	4,39	3,94	3,50			

Table 43. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *AVEFA Avena fatua* in spring barley (42-66 DA-A panicle/ear)

Pest code			AVEFA Avena fatua						
report code			A.T/2020/008/JJ	AH/20/JJ/21/Br	A.T/2021/036/JJ	AH/21/JJ/10/Ra			
DA-A			66 DA-A	56 DA-A	42 DA-A	62 DA-A			
date			20.07.2020	13.07.2020	21.06.2021	06.07.2021	Average	min.	max.
Part rated			Panicle	ear	Panicle	ear			
Pest density m <sup>2</sup>			20	17	68	31	34,00	17,00	68,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	<b>100,00</b>	<b>95,00</b>	96,50	<b>100,00</b>	97,88	95,00	100,00
3	CHR/H/FETEC 110 EC - Part B	0,7	<b>100,00</b>	95,00	<b>92,50</b>	<b>100,00</b>	96,88	92,50	100,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>97,50</b>	90,00	<b>83,80</b>	95,00	91,58	83,80	97,50
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	87,50	90,00	<b>85,00</b>	<b>95,00</b>	89,38	85,00	95,00
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	<b>100,00</b>	90,00	<b>70,00</b>	95,00	88,75	70,00	100,00
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	83,80	90,00	<b>67,50</b>	<b>95,00</b>	84,08	67,50	95,00
	Tristar 50 SG	0,025							
	LSD (P=.05)		7,85	4,39	3,31	3,50			

Table 44. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CENCY Centaurea cyanus* in spring barley (13-56 DA-A plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untrea- ted Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	
					Rate (l,kg/ha)		0,7		0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	
CENCY Centaurea cyanus	A.T/2020/008/JJ	13 DA-A	28.05.2020	6		0,00	0,00	0,00	42,50		43,80		45,00		43,80		3,64
	A.T/2020/008/JJ	24 DA-A	08.06.2020	6		0,00	0,00	0,00	72,50		73,80		77,50		83,80		2,75
	A.T/2020/008/JJ	33 DA-A	17.06.2020	6		0,00	0,00	0,00	72,50		72,50		87,50		87,50		3,55
	AH/20/JJ/21/Br	28 DA-A	15.06.2020	6		0,00	0,00	0,00	67,50		67,50		88,80		88,80		3,21
	AH/20/JJ/21/Br	56 DA-A	13.07.2020	6		0,00	0,00	0,00	70,00		70,00		90,00		90,00		4,58
	AH/21/JJ/10/Ra	21 DA-A	26.05.2021	5		0,00	0,00	0,00	65,00		65,00		83,80		85,00		4,31
	AH/21/JJ/10/Ra	42 DA-A	16.06.2021	5		0,00	0,00	0,00	70,00		70,00		95,00		95,00		2,96
			Average	5,71		0,00	0,00	0,00	65,71		66,09		81,09		81,99		
			min.	5,00		0,00	0,00	0,00	42,50		43,80		45,00		43,80		
			max.	6,00		0,00	0,00	0,00	72,50		73,80		95,00		95,00		

Table 45. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CENCY Centaurea cyanus* in spring barley (13-28 DA-A plant)

Pest code			CENCY Centaurea cyanus				Averagemin.max.		
report code			A.T/2020/008/JJ	A.T/2020/008/JJ	AH/20/JJ/21/Br	AH/21/JJ/10/Ra			
DA-A			13 DA-A	24 DA-A	28 DA-A	21 DA-A			
date			28.05.2020	08.06.2020	15.06.2020	26.05.2021	Average	min.	max.
Pest density m <sup>2</sup>			6	6	6	5	5,75	5,00	6,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>42,50</b>	<b>72,50</b>	67,50	65,00	61,88	42,50	72,50
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>43,80</b>	<b>73,80</b>	67,50	65,00	62,53	43,80	73,80
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	<b>45,00</b>	77,50	<b>88,80</b>	83,80	73,78	45,00	88,80
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>43,80</b>	83,80	<b>88,80</b>	85,00	75,35	43,80	88,80
	Tristar 50 SG	0,025							
	LSD (P=.05)		3,64	2,75	3,21	4,31			

Table 46. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CENCY Centaurea cyanus* in spring barley (33-56 DA-A plant)

Pest code			CENCY Centaurea cyanus					
report code			A.T/2020/008/JJ	AH/20/JJ/21/Br	AH/21/JJ/10/Ra			
DA-A			33 DA-A	56 DA-A	42 DA-A			
date			17.06.2020	13.07.2020	16.06.2021	Average	min.	max.
Pest density m <sup>2</sup>			6	6	5	5,67	5,00	6,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>72,50</b>	<b>70,00</b>	<b>70,00</b>	70,83	70,00	72,50
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>72,50</b>	<b>70,00</b>	<b>70,00</b>	70,83	70,00	72,50
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>87,50</b>	90,00	<b>95,00</b>	90,83	87,50	95,00
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>87,50</b>	90,00	<b>95,00</b>	90,83	87,50	95,00
	Tristar 50 SG	0,025						
	LSD (P=.05)		3,55	4,58	2,96			

Table 47. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *POLCO Fallopia convolvulus* in spring barley (13-56 DA-A plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala- per 200 EC	CHR/H/FETEC 110 EC - Part B	Gala- per 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
POLCO Fallopia convolvu- lus	A.T/2020/008/JJ	13 DA-A	28.05.2020	5		0,00	0,00	0,00	33,80		35,00		31,30		32,50		4,63
	A.T/2020/008/JJ	24 DA-A	08.06.2020	5		0,00	0,00	0,00	62,50		62,50		66,30		67,50		3,70
	A.T/2020/008/JJ	33 DA-A	17.06.2020	5		0,00	0,00	0,00	90,00		87,50		76,30		75,00		4,18
	A.T/2020/058/JJ	14 DA-A	29.05.2020	10		0,00	0,00	0,00	43,80		46,30		41,30		42,50		3,25
	A.T/2020/058/JJ	24 DA-A	08.06.2020	10		0,00	0,00	0,00	85,00		87,50		77,50		85,00		5,84
	A.T/2020/058/JJ	38 DA-A	22.06.2020	10		0,00	0,00	0,00	86,30		86,30		80,00		85,00		4,77
	A.T/2021/036/JJ	14 DA-A	24.05.2021	15		0,00	0,00	0,00	71,30		76,30		97,50		97,50		5,50
	A.T/2021/036/JJ	28 DA-A	07.06.2021	15		0,00	0,00	0,00	83,80		83,80		98,80		100,00		2,60
	A.T/2021/036/JJ	42 DA-A	21.06.2021	15		0,00	0,00	0,00	81,30		83,80		98,80		100,00		2,84
	SRPL21-419-336HE	14 DA-A	07.06.2021	6,3		0,00	0,00	0,00	72,50		73,80		81,30		83,80		2,96
	SRPL21-419-336HE	28 DA-A	21.06.2021	6		0,00	0,00	0,00	82,50		83,80		87,50		91,30		2,85
	SRPL21-419-336HE	56 DA-A	19.07.2021	6		0,00	0,00	0,00	85,00		83,80		88,80		92,50		3,59

	<b>Average</b>	9,03		0,00	0,00	0,00	73,15		74,20		77,12		79,38		
	<b>min.</b>	5,00		0,00	0,00	0,00	33,80		35,00		31,30		32,50		
	<b>max.</b>	15,00		0,00	0,00	0,00	90,00		87,50		98,80		100,00		

Table 48. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *POLCO Fallopia convolvulus* in spring barley (13-28 DA-A plant)

Pest code	report code	DA-A	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untrea- ted Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala- per 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
<b>POLCO Fallopia convolvu- lus</b>	A.T/2020/008/JJ	13 DA-A	28.05.2020	5		0,00	0,00	0,00	<b>33,80</b>		<b>35,00</b>		<b>31,30</b>		<b>32,50</b>		4,63
	A.T/2020/008/JJ	24 DA-A	08.06.2020	5		0,00	0,00	0,00	62,50		62,50		66,30		67,50		3,70
	A.T/2020/058/JJ	14 DA-A	29.05.2020	10		0,00	0,00	0,00	43,80		46,30		41,30		42,50		3,25
	A.T/2020/058/JJ	24 DA-A	08.06.2020	10		0,00	0,00	0,00	<b>85,00</b>		<b>87,50</b>		77,50		85,00		5,84
	A.T/2021/036/JJ	14 DA-A	24.05.2021	15		0,00	0,00	0,00	71,30		76,30		97,50		97,50		5,50
	A.T/2021/036/JJ	28 DA-A	07.06.2021	15		0,00	0,00	0,00	83,80		83,80		<b>98,80</b>		<b>100,00</b>		2,60
	SRPL21-419-336HE	14 DA-A	07.06.2021	6,3		0,00	0,00	0,00	72,50		73,80		81,30		83,80		2,96
	SRPL21-419-336HE	28 DA-A	21.06.2021	6		0,00	0,00	0,00	82,50		83,80		87,50		91,30		2,85
				<b>Average</b>		9,04	0,00	0,00	0,00	66,90	68,63		72,69		75,01		
				<b>min.</b>		5,00	0,00	0,00	0,00	33,80	35,00		31,30		32,50		
				<b>max.</b>		15,00	0,00	0,00	0,00	85,00	87,50		98,80		100,00		



Table 49. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *POLCO Fallopia convolvulus* in spring barley (33-56 DA-A plant)

Pest code			POLCO Fallopia convolvulus						
report code			A.T/2020/008/JJ	A.T/2020/058/JJ	A.T/2021/036/JJ	SRPL21-419-336HE			
DA-A			33 DA-A	38 DA-A	42 DA-A	56 DA-A			
date			17.06.2020	22.06.2020	21.06.2021	19.07.2021	Average	min.	max.
Pest density m <sup>2</sup>			5	10	15	6	9,00	5,00	15,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>90,00</b>	86,30	<b>81,30</b>	85,00	85,65	81,30	90,00
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>87,50</b>	86,30	<b>83,80</b>	<b>83,80</b>	85,35	83,80	87,50
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	<b>76,30</b>	80,00	<b>98,80</b>	88,80	85,98	76,30	98,80
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>75,00</b>	85,00	<b>100,00</b>	92,50	88,13	75,00	100,00
	Tristar 50 SG	0,025							
	LSD (P=.05)		4,18	4,77	2,84	3,59			

Table 50. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ANTAR Anthemis arvensis* in spring barley (13-33 DA-A plant)

Pest code			ANTAR Anthemis arvensis					
report code			A.T/2020/008/JJ	A.T/2020/008/JJ	A.T/2020/008/JJ			
DA-A			13 DA-A	24 DA-A	33 DA-A			
date			28.05.2020	08.06.2020	17.06.2020	Average	min.	max.
Pest density m <sup>2</sup>			5	5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	21,30	70,00	55,00	48,77	21,30	70,00
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	20,00	73,80	53,80	49,20	20,00	73,80
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	31,30	75,00	83,80	63,37	31,30	83,80
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	31,30	73,80	80,00	61,70	31,30	80,00
	Tristar 50 SG	0,025						
	LSD (P=.05)		3,62	3,18	5,27			

Table 51. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ANTAR Anthemis arvensis* in spring barley (13-24 DA-A plant)

Pest code			ANTAR Anthemis arvensis				
report code			A.T/2020/008/JJ	A.T/2020/008/JJ			
DA-A			13 DA-A	24 DA-A			
date			28.05.2020	08.06.2020	Average	min.	max.
Pest density m <sup>2</sup>			5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>21,30</b>	<b>70,00</b>	45,65	21,30	70,00
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>20,00</b>	<b>73,80</b>	46,90	20,00	73,80
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>31,30</b>	75,00	53,15	31,30	75,00
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>31,30</b>	73,80	52,55	31,30	73,80
	Tristar 50 SG	0,025					
	LSD (P=.05)		3,62	3,18			

Table 52. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ANTAR Anthemis arvensis* in spring barley (33 DA-A plant)

Pest code			ANTAR Anthemis arvensis			
report code			A.T/2020/008/JJ			
DA-A			33 DA-A			
date			17.06.2020	Average	min.	max.
Pest density m²			5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)				
1	Untreated Check		0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	55,00	55,00	55,00	55,00
	Galaper 200 EC	0,4				
5	CHR/H/FETEC 110 EC - Part B	0,5	53,80	53,80	53,80	53,80
	Galaper 200 EC	0,4				
6	CHR/H/FET 110 EC - Part A	0,5	<b>83,80</b>	83,80	83,80	83,80
	Tristar 50 SG	0,025				
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>80,00</b>	80,00	80,00	80,00
	Tristar 50 SG	0,025				

	LSD (P=.05)		5,27			
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Table 53. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VIOAR Viola arvensis* in spring barley (13-42 DA-A plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4	5	6	7					
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala- per 200 EC	CHR/H/FETEC 110 EC - Part B	Gala- per 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	LSD (P=.05)
					Rate (l,kg/ha)	0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025		
VIOAR Viola arvensis	A.T/2020/008/JJ	13 DA-A	28.05.2020	8		0,00	0,00	0,00	20,00		20,00		26,30		25,00		1,54
	A.T/2020/008/JJ	24 DA-A	08.06.2020	8		0,00	0,00	0,00	31,30		32,50		71,30		72,50		3,18
	A.T/2020/008/JJ	33 DA-A	17.06.2020	8		0,00	0,00	0,00	43,80		45,00		72,50		72,50		4,61
	A.T/2020/058/JJ	14 DA-A	29.05.2020	11		0,00	0,00	0,00	17,50		20,00		28,80		30,00		7,69
	A.T/2020/058/JJ	24 DA-A	08.06.2020	11		0,00	0,00	0,00	22,50		30,00		53,80		51,30		9,47
	A.T/2020/058/JJ	38 DA-A	22.06.2020	11		0,00	0,00	0,00	18,80		23,80		46,30		52,50		9,22
	A.T/2021/036/JJ	14 DA-A	24.05.2021	15		0,00	0,00	0,00	71,30		76,30		97,50		97,50		5,50
	A.T/2021/036/JJ	28 DA-A	07.06.2021	15		0,00	0,00	0,00	61,30		60,00		78,80		80,00		2,10
	A.T/2021/036/JJ	42 DA-A	21.06.2021	15		0,00	0,00	0,00	61,30		60,00		78,80		80,00		2,10
			Average	11,33		0,00	0,00	0,00	38,64		40,84		61,57		62,37		
			min.	8,00		0,00	0,00	0,00	17,50		20,00		26,30		25,00		
			max.	15,00		0,00	0,00	0,00	71,30		76,30		97,50		97,50		

Table 54. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VIOAR Viola arvensis* in spring barley (13-28 DA-A plant)

Pest code	report code	DA-A	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=,05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Ga- la- per 200 EC	CHR/H/FETEC 110 EC - Part B	Ga- la- per 200 EC	CHR/H/FET 110 EC - Part A	Tri- star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri- star 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
VIOAR Viola arvensis	A.T/2020/008/JJ	13 DA-A	28.05.2020	8		0,00	0,00	0,00	20,00		20,00		26,30		25,00		1,54
	A.T/2020/008/JJ	24 DA-A	08.06.2020	8		0,00	0,00	0,00	31,30		32,50		71,30		72,50		3,18
	A.T/2020/058/JJ	14 DA-A	29.05.2020	11		0,00	0,00	0,00	17,50		20,00		28,80		30,00		7,69
	A.T/2020/058/JJ	24 DA-A	08.06.2020	11		0,00	0,00	0,00	22,50		30,00		53,80		51,30		9,47
	A.T/2021/036/JJ	14 DA-A	24.05.2021	15		0,00	0,00	0,00	71,30		76,30		97,50		97,50		5,50
	A.T/2021/036/JJ	28 DA-A	07.06.2021	15		0,00	0,00	0,00	61,30		60,00		78,80		80,00		2,10
			Average	11,33		0,00	0,00	0,00	37,32		39,80		59,42		59,38		
			min.	8,00		0,00	0,00	0,00	17,50		20,00		26,30		25,00		
			max.	15,00		0,00	0,00	0,00	71,30		76,30		97,50		97,50		

Table 55. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *VIOAR Viola arvensis* in spring barley (33-42 DA-A plant)

Pest code			VIOAR Viola arvensis					
report code			A.T/2020/008/JJ	A.T/2020/058/JJ	A.T/2021/036/JJ			
DA-A			33 DA-A	38 DA-A	42 DA-A			
date			17.06.2020	22.06.2020	21.06.2021	Average	min.	max.
Pest density m <sup>2</sup>			8	11	15	11,33	8,00	15,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	43,80	18,80	61,30	41,30	18,80	61,30
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	45,00	23,80	60,00	42,93	23,80	60,00
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	72,50	46,30	78,80	65,87	46,30	78,80
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	72,50	52,50	80,00	68,33	52,50	80,00

	Tristar 50 SG	0,025					
	LSD (P=.05)		4,61	9,22	2,10		

Table 56. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CHEAL Chenopodium album* in spring barley (13-38 DA-A plant)

Pest code	report code	DA-A	date	Pest density m²	No.	1	2	3	4		5		6		7		LSD (P=,05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
CHEAL Chenopo- dium al- bum	A.T/2020/008/JJ	13 DA-A	28.05.2020	6		0,00	0,00	0,00	7,50		5,00		31,30		32,50		5,25
	A.T/2020/008/JJ	24 DA-A	08.06.2020	6		0,00	0,00	0,00	27,50		27,50		73,80		73,30		3,46
	A.T/2020/008/JJ	33 DA-A	17.06.2020	6		0,00	0,00	0,00	33,80		37,50		88,80		87,50		4,49
	A.T/2020/058/JJ	14 DA-A	29.05.2020	6		0,00	0,00	0,00	25,00		40,00		95,00		95,00		11,57
	A.T/2020/058/JJ	24 DA-A	08.06.2020	6		0,00	0,00	0,00	28,80		38,80		90,00		88,80		12,17
	A.T/2020/058/JJ	38 DA-A	22.06.2020	6		0,00	0,00	0,00	25,00		40,00		95,00		95,00		11,57
			Average	6,00		0,00	0,00	0,00	24,60		31,47		78,98		78,68		
			min.	6,00		0,00	0,00	0,00	7,50		5,00		31,30		32,50		
			max.	6,00		0,00	0,00	0,00	33,80		40,00		95,00		95,00		



Table 57. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CHEAL Chenopodium album* in spring barley (13-24 DA-A plant)

Pest code			CHEAL Chenopodium album						
report code			A.T/2020/008/JJ	A.T/2020/008/JJ	A.T/2020/058/JJ	A.T/2020/058/JJ			
DA-A			13 DA-A	24 DA-A	14 DA-A	24 DA-A			
date			28.05.2020	08.06.2020	29.05.2020	08.06.2020	Average	min.	max.
Pest density m <sup>2</sup>			6	6	6	6	6,00	6,00	6,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>7,50</b>	27,50	25,00	<b>28,80</b>	22,20	7,50	28,80
	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>5,00</b>	27,50	<b>40,00</b>	38,80	27,83	5,00	40,00
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	<b>31,30</b>	73,80	<b>95,00</b>	90,00	72,53	31,30	95,00
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>32,50</b>	73,30	<b>95,00</b>	88,80	72,40	32,50	95,00
	Tristar 50 SG	0,025							
	LSD (P=.05)		5,25	3,46	11,57	12,17			

Table 58. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *CHEAL Chenopodium album* in spring barley (33-38 DA-A plant)

Pest code			CHEAL <i>Chenopodium album</i>				
report code			A.T/2020/008/JJ	A.T/2020/058/JJ			
DA-A			33 DA-A	38 DA-A			
date			17.06.2020	22.06.2020	Average	min.	max.
Pest density m <sup>2</sup>			6	6	6,00	6,00	6,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>33,80</b>	<b>25,00</b>	29,40	25,00	33,80
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>37,50</b>	<b>40,00</b>	38,75	37,50	40,00
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>88,80</b>	<b>95,00</b>	91,90	88,80	95,00
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>87,50</b>	<b>95,00</b>	91,25	87,50	95,00
	Tristar 50 SG	0,025					
	LSD (P=.05)		4,49	11,57			

Table 59. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *GASPA Galinsoga parviflora* in spring barley (13-33 DA-A plant)

Pest code			GASPA Galinsoga parviflora					
report code			A.T/2020/008/JJ	A.T/2020/008/JJ	A.T/2020/008/JJ			
DA-A			13 DA-A	24 DA-A	33 DA-A			
date			28.05.2020	08.06.2020	17.06.2020	Average	min.	max.
Pest density m <sup>2</sup>			5	5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>27,50</b>	71,30	<b>85,00</b>	61,27	27,50	85,00
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>27,50</b>	68,80	<b>88,80</b>	61,70	27,50	88,80
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>26,30</b>	72,50	<b>87,50</b>	62,10	26,30	87,50
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>28,80</b>	67,50	<b>87,50</b>	61,27	28,80	87,50
	Tristar 50 SG	0,025						
	LSD (P=.05)		2,63	4,42	4,03			

Table 60. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *GASPA Galinsoga parviflora* in spring barley (13-24 DA-A plant)

Pest code			GASPA <i>Galinsoga parviflora</i>				
report code			A.T/2020/008/JJ	A.T/2020/008/JJ			
DA-A			13 DA-A	24 DA-A			
date			28.05.2020	08.06.2020	Average	min.	max.
Pest density m <sup>2</sup>			5	5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)					
1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>27,50</b>	71,30	49,40	27,50	71,30
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>27,50</b>	68,80	48,15	27,50	68,80
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>26,30</b>	72,50	49,40	26,30	72,50
	Tristar 50 SG	0,025					

7	CHR/H/FETEC 110 EC - Part B	0,5	28,80	67,50	48,15	28,80	67,50
	Tristar 50 SG	0,025					
	LSD (P=0.05)		2,63	4,42			

Table 61. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *GASPA Galinsoga parviflora* in spring barley (33 DA-A plant)

Pest code			GASPA Galinsoga parvi- flora			
report code						
DA-A						
date			17.06.2020	Average	min.	max.
Pest density m²			5	5,00	5,00	5,00
No.	Name	Rate (l,kg/ha)				
1	Untreated Check		0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	85,00	85,00	85,00	85,00
	Galaper 200 EC	0,4				
5	CHR/H/FETEC 110 EC - Part B	0,5	88,80	88,80	88,80	88,80
	Galaper 200 EC	0,4				
6	CHR/H/FET 110 EC - Part A	0,5	87,50	87,50	87,50	87,50
	Tristar 50 SG	0,025				
7	CHR/H/FETEC 110 EC - Part B	0,5	87,50	87,50	87,50	87,50
	Tristar 50 SG	0,025				

	LSD (P=.05)		4,03			
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Table 62. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ECHCG Echinochloa crus-galli* in spring barley (14-62 DA-A plant, panicle/ear)

Pest code	report code	DA-A	Part Asses- sed	date	Pest den- sity m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05 )
						Nam e	Unt- rea- ted Chec k	CHR/H/FE T 110 EC - Part A	CHR/H/FETE C 110 EC - Part B	CHR/H/FE T 110 EC - Part A	Ga la- per 20 0 EC	CHR/H/FETE C 110 EC - Part B	Ga la- per 20 0 EC	CHR/H/FE T 110 EC - Part A	Tri- star 50 SG	CHR/H/FETE C 110 EC - Part B	Tri- star 50 SG	
						Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,02 5	0,5	0,02 5	
<b>ECHC G Echi- nochloa crus- galli</b>	A.T/2020/058/JJ	14 DA- A	Plant P	29.05.202 0	25		0,00	<b>55,00</b>	<b>52,50</b>	<b>51,30</b>		<b>45,00</b>		<b>51,30</b>		<b>43,80</b>		4,82
	A.T/2020/058/JJ	24 DA- A	Plant P	08.06.202 0	25		0,00	90,00	90,00	87,50		72,50		90,00		70,00		3,55
	A.T/2020/058/JJ	38 DA- A	Plant P	22.06.202 0	25		0,00	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>		80,00		<b>100,00</b>		80,00		2,51
	AH/20/JJ/21/Br	28 DA- A	Plant P	15.06.202 0	9		0,00	98,80	93,80	90,00		90,00		88,80		88,80		4,89
	AH/20/JJ/21/Br	56 DA- A	Plant P	13.07.202 0	9		0,00	<b>100,00</b>	<b>100,00</b>	95,00		95,00		90,00		90,00		4,95
	AH/20/JJ/21/Br	56 DA- A	ear	13.07.202 0	21		0,00	<b>100,00</b>	<b>100,00</b>	95,00		95,00		90,00		90,00		4,95
	SRPL20-443- 336HE	14 DA- A	Plant P	04.05.202 1	16,8		0,00	57,50	57,50	53,80		56,30		56,30		56,30		7,32

Product code: CHR/H/FETEC 110 EC

Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC

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	SRPL20-443-336HE	28 DA-A	Plant P	18.05.2021	24,3		0,00	99,00	99,00	99,00		99,00		99,00		99,00		
	SRPL20-443-336HE	56 DA-A	Plant P	15.06.2021	33,3		0,00	99,00	99,00	99,00		99,00		99,00		99,00		
	SRPL20-443-336HE	56 DA-A	EAR P	15.06.2021	218		0,00	98,76	98,60	97,50		96,49		96,37		97,09		0,868
	SRPL21-419-336HE	14 DA-A	Plant P	07.06.2021	7,5		0,00	80,00	77,50	75,00		76,30		75,00		75,00		5,19
	SRPL21-419-336HE	28 DA-A	Plant P	21.06.2021	8		0,00	92,50	92,50	93,30		93,80		91,30		90,00		3,91
	SRPL21-419-336HE	56 DA-A	Plant P	19.07.2021	8		0,00	92,50	92,50	93,30		93,80		91,30		90,00		3,91
	SRPL21-419-336HE	56 DA-A	EAR P	19.07.2021	17,3		0,00	83,94	84,10	81,04		90,14		83,64		81,17		8,976
	AH/21/JJ/10/Ra	21 DA-A	Plant P	26.05.2021	5		0,00	78,80	78,80	77,50		77,50		78,80		78,80		4,130
	AH/21/JJ/10/Ra	42 DA-A	Plant P	16.06.2021	5		0,00	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>		<b>100,00</b>		97,50		97,50		2,290
	AH/21/JJ/10/Ra	62 DA-A	Plant P	06.07.2021	5		0,00	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>		<b>100,00</b>		<b>100,00</b>		<b>100,00</b>		
	AH/21/JJ/10/Ra	62 DA-A	EAR P	06.07.2021	12,3		0,00	<b>100,00</b>	<b>100,00</b>	<b>100,00</b>		<b>100,00</b>		<b>100,00</b>		<b>100,00</b>		
					<b>Average</b>	26,36		0,00	90,32	89,77	88,24		86,66		87,68		84,80	
					<b>min.</b>	5,00		0,00	55,00	52,50	51,30		45,00		51,30		43,80	
					<b>max.</b>	218,00		0,00	100,00	100,00	100,00		100,00		100,00		100,00	

Table 63. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ECHCG Echinochloa crus-galli* in spring barley (14-28 DA-A plant)

Pest code	report code	DA-A	Part Assessed	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		
						Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Gala-per 200 EC	CHR/H/FETEC 110 EC - Part B	Gala-per 200 EC	CHR/H/FET 110 EC - Part A	Tri-star 50 SG	CHR/H/FETEC 110 EC - Part B	Tri-star 50 SG	LSD (P=.05)
						Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
<b>ECHCG Echinochloa crus-galli</b>	A.T/2020/058/JJ	14 DA-A	Plant P	29.05.2020	25		0,00	<b>55,00</b>	<b>52,50</b>	<b>51,30</b>		<b>45,00</b>		<b>51,30</b>		<b>43,80</b>		4,82
	A.T/2020/058/JJ	24 DA-A	Plant P	08.06.2020	25		0,00	90,00	90,00	87,50		72,50		90,00		70,00		3,55
	AH/20/JJ/21/Br	28 DA-A	Plant P	15.06.2020	9		0,00	98,80	93,80	90,00		90,00		88,80		88,80		4,89
	SRPL20-443-336HE	14 DA-A	Plant P	04.05.2021	16,8		0,00	57,50	57,50	53,80		56,30		56,30		56,30		7,32

Product code: CHR/H/FETEC 110 EC  
Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC  
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	SRPL20-443-336HE	28 DA-A	Plant P	18.05.2021	24,3		0,00	<b>99,00</b>	<b>99,00</b>	<b>99,00</b>		<b>99,00</b>		<b>99,00</b>		<b>99,00</b>		
	SRPL21-419-336HE	14 DA-A	Plant P	07.06.2021	7,5		0,00	80,00	77,50	75,00		76,30		75,00		75,00		5,19
	SRPL21-419-336HE	28 DA-A	Plant P	21.06.2021	8		0,00	92,50	92,50	93,30		93,80		91,30		90,00		3,91
	AH/21/JJ/10/Ra	21 DA-A	Plant P	26.05.2021	5		0,00	78,80	78,80	77,50		77,50		78,80		78,80		4,130
				<b>Average</b>	15,08		0,00	81,45	80,20	78,43		76,30		78,81		75,21		
				<b>min.</b>	5,00		0,00	55,00	52,50	51,30		45,00		51,30		43,80		
				<b>max.</b>	25,00		0,00	99,00	99,00	99,00		99,00		99,00		99,00		

Table 64. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ECHCG Echinochloa crus-galli* in spring barley (38-62 DA-A plant)

Pest code			ECHCG Echinochloa crus-galli								
report code			A.T/2020/058/JJ	AH/20/JJ/21/Br	SRPL20-443-336HE	SRPL21-419-336HE	AH/21/JJ/10/Ra	AH/21/JJ/10/Ra			
DA-A			38 DA-A	56 DA-A	56 DA-A	56 DA-A	42 DA-A	62 DA-A			
Part Assessed			Plant P	Plant P	Plant P	Plant P	Plant P	Plant P			
date			22.06.2020	13.07.2020	15.06.2021	19.07.2021	16.06.2021	06.07.2021	<b>Average</b>	<b>min.</b>	<b>max.</b>
Pest density m²			25	9	33,3	8	5	5	14,22	5,00	33,30
No.	Name	Rate (l,kg/ha)									
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	<b>100,00</b>	<b>100,00</b>	99,00	<b>92,50</b>	<b>100,00</b>	<b>100,00</b>	98,58	92,50	100,00
3	CHR/H/FETEC 110 EC - Part B	0,7	<b>100,00</b>	<b>100,00</b>	99,00	<b>92,50</b>	<b>100,00</b>	<b>100,00</b>	98,58	92,50	100,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>100,00</b>	95,00	99,00	<b>93,30</b>	<b>100,00</b>	<b>100,00</b>	97,88	93,30	100,00
	Galaper 200 EC	0,4									
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>80,00</b>	95,00	99,00	93,80	<b>100,00</b>	<b>100,00</b>	94,63	80,00	100,00



	Galaper 200 EC	0,4									
6	CHR/H/FET 110 EC - Part A	0,5	<b>100,00</b>	<b>90,00</b>	99,00	91,30	97,50	<b>100,00</b>	96,30	90,00	100,00
	Tristar 50 SG	0,025									
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>80,00</b>	90,00	99,00	90,00	97,50	<b>100,00</b>	92,75	80,00	100,00
	Tristar 50 SG	0,025									
	LSD (P=.05)		2,51	4,95		3,91	2,290				

Table 65. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *ECHCG Echinochloa crus-galli* in spring barley (56-62 DA-A panicle/ear)

Pest code			ECHCG Echinochloa crus-galli						
report code			AH/20/JJ/21/Br	SRPL20-443-336HE	SRPL21-419-336HE	AH/21/JJ/10/Ra			
DA-A			56 DA-A	56 DA-A	56 DA-A	62 DA-A			
Part Assessed			ear	EAR P	EAR P	EAR P			
date			13.07.2020	15.06.2021	19.07.2021	06.07.2021	Average	min.	max.
Pest density m²			21	218	17,3	12,3	67,15	12,30	218,00
No.	Name	Rate (l,kg/ha)							
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	100,00	98,76	83,94	100,00	95,68	83,94	100,00
3	CHR/H/FETEC 110 EC - Part B	0,7	100,00	98,60	84,10	100,00	95,68	84,10	100,00
4	CHR/H/FET 110 EC - Part A	0,5	95,00	97,50	81,04	100,00	93,39	81,04	100,00

	Galaper 200 EC	0,4							
5	CHR/H/FETEC 110 EC - Part B	0,5	95,00	96,49	<b>90,14</b>	<b>100,00</b>	95,41	90,14	100,00
	Galaper 200 EC	0,4							
6	CHR/H/FET 110 EC - Part A	0,5	90,00	96,37	<b>83,64</b>	<b>100,00</b>	92,50	83,64	100,00
	Tristar 50 SG	0,025							
7	CHR/H/FETEC 110 EC - Part B	0,5	90,00	97,09	<b>81,17</b>	<b>100,00</b>	92,07	81,17	100,00
	Tristar 50 SG	0,025							
	LSD (P=.05)		4,95	0,868	8,976				

Table 66. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *GALAP Galium aparine* in spring barley (14-56 DA-A plant)

Pest code	report code	DA-A	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
<b>GALAP Galium aparine</b>	AH/20/JJ/21/Br	28 DA-A	15.06.2020	7		0,00	0,00	0,00	92,50		92,50		57,50		57,50		3,50
	AH/20/JJ/21/Br	56 DA-A	13.07.2020	7		0,00	0,00	0,00	95,00		95,00		60,00		60,00		4,19
	SRPL20-443-336HE	14 DA-A	04.05.2021	9		0,00	0,00	0,00	<b>55,00</b>		<b>55,00</b>		<b>53,80</b>		<b>56,30</b>		6,40
	SRPL20-443-336HE	28 DA-A	18.05.2021	13,3		0,00	0,00	0,00	<b>99,00</b>		<b>99,00</b>		<b>82,50</b>		<b>83,80</b>		2,48

	SRPL20-443-336HE	56 DA-A	15.06.2021	13,8		0,00	0,00	0,00	<b>99,00</b>		<b>99,00</b>		<b>82,50</b>		82,50		3,89
	SRPL21-419-336HE	14 DA-A	07.06.2021	8,5		0,00	0,00	0,00	87,50		88,80		71,30		72,50		4,11
	SRPL21-419-336HE	28 DA-A	21.06.2021	8,5		0,00	0,00	0,00	95,00		95,30		<b>82,50</b>		72,50		4,54
	SRPL21-419-336HE	56 DA-A	19.07.2021	8,5		0,00	0,00	0,00	96,50		95,30		81,30		71,30		3,57
				<b>Average</b>	9,45		0,00	0,00	0,00	89,94		89,99		71,43		69,55	
				<b>min.</b>	7,00		0,00	0,00	0,00	55,00		55,00		53,80		56,30	
				<b>max.</b>	13,80		0,00	0,00	0,00	99,00		99,00		82,50		83,80	

Table 67. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *GALAP Galium aparine* in spring barley (14-28 DA-A plant)

Pest code			GALAP Galium aparine							
report code			AH/20/JJ/21/Br	SRPL20-443-336HE	SRPL20-443-336HE	SRPL21-419-336HE	SRPL21-419-336HE			
DA-A			28 DA-A	14 DA-A	28 DA-A	14 DA-A	28 DA-A			
date			15.06.2020	04.05.2021	18.05.2021	07.06.2021	21.06.2021	<b>Average</b>	<b>min.</b>	<b>max.</b>
Pest density m <sup>2</sup>			7	9	13,3	8,5	8,5	9,26	7,00	13,30
<b>No.</b>	<b>Name</b>	<b>Rate (l,kg/ha)</b>								
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	92,50	<b>55,00</b>	<b>99,00</b>	87,50	95,00	85,80	55,00	99,00
	Galaper 200 EC	0,4								
5	CHR/H/FETEC 110 EC - Part B	0,5	92,50	<b>55,00</b>	<b>99,00</b>	88,80	95,30	86,12	55,00	99,00

	Galaper 200 EC	0,4								
6	CHR/H/FET 110 EC - Part A	0,5	57,50	<b>53,80</b>	<b>82,50</b>	71,30	<b>82,50</b>	69,52	53,80	82,50
	Tristar 50 SG	0,025								
7	CHR/H/FETEC 110 EC - Part B	0,5	57,50	<b>56,30</b>	<b>83,80</b>	72,50	<b>72,50</b>	68,52	56,30	83,80
	Tristar 50 SG	0,025								
	LSD (P=.05)		3,50	6,40	2,48	4,11	4,54			

Table 68. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *GALAP Galium aparine* in spring barley (56 DA-A plant)

Pest code			GALAP Galium aparine					
report code			AH/20/JJ/21/Br	SRPL20-443-336HE	SRPL21-419-336HE			
DA-A			56 DA-A	56 DA-A	56 DA-A			
date			13.07.2020	15.06.2021	19.07.2021	Average	min.	max.
Pest density m <sup>2</sup>			7	13,8	8,5	9,77	7,00	13,80
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00

4	CHR/H/FETEC 110 EC - Part A	0,5	<b>95,00</b>	<b>99,00</b>	96,50	96,83	95,00	99,00
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>95,00</b>	<b>99,00</b>	95,30	96,43	95,00	99,00
	Galaper 200 EC	0,4						
6	CHR/H/FETEC 110 EC - Part A	0,5	<b>60,00</b>	<b>82,50</b>	81,30	74,60	60,00	82,50
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>60,00</b>	<b>82,50</b>	71,30	71,27	60,00	82,50
	Tristar 50 SG	0,025						
	LSD (P=.05)		4,19	3,89	3,57			

Table 69. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *MATIN Tripleurospermum inodorum* in spring barley (14-56 DA-A plant)

Pest code	report code	DA-A	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
<b>MATIN Tripleurospermum inodorum</b>	A.T/2021/036/JJ	14 DA-A	24.05.2021	6		0,00	0,00	0,00	71,30		72,50		<b>100,00</b>		<b>100,00</b>		2,48
	A.T/2021/036/JJ	28 DA-A	07.06.2021	6		0,00	0,00	0,00	77,50		80,00		<b>100,00</b>		<b>100,00</b>		1,78
	A.T/2021/036/JJ	42 DA-A	21.06.2021	6		0,00	0,00	0,00	80,00		81,30		<b>100,00</b>		<b>100,00</b>		1,54

	SRPL20-443-336HE	14 DA-A	04.05.2021	10,8		0,00	0,00	0,00	<b>45,00</b>		<b>47,50</b>		<b>42,50</b>		<b>45,00</b>		6,92
	SRPL20-443-336HE	28 DA-A	18.05.2021	15		0,00	0,00	0,00	82,50		82,50		82,50		82,50		3,73
	SRPL20-443-336HE	56 DA-A	15.06.2021	16,3		0,00	0,00	0,00	<b>86,30</b>		<b>82,50</b>		83,80		81,30		4,40
	SRPL21-419-336HE	14 DA-A	07.06.2021	7		0,00	0,00	0,00	62,50		58,80		72,50		73,80		2,92
	SRPL21-419-336HE	28 DA-A	21.06.2021	7		0,00	0,00	0,00	68,80		63,80		76,30		76,30		2,88
	SRPL21-419-336HE	56 DA-A	19.07.2021	7		0,00	0,00	0,00	67,50		63,80		76,30		76,30		2,48
				<b>Average</b>	9,01		0,00	0,00	0,00	71,27		70,30		81,54		81,69	
				<b>min.</b>	6,00		0,00	0,00	0,00	45,00		47,50		42,50		45,00	
				<b>max.</b>	16,30		0,00	0,00	0,00	86,30		82,50		100,00		100,00	

Table 70. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *MATIN Tripleurospermum inodorum* in spring barley (14-28 DA-A plant)

Pest code	report code	DA-A	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=,05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Ga-laper 200 EC	CHR/H/FETEC 110 EC - Part B	Ga-laper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
	A.T/2021/036/JJ	14 DA-A	24.05.2021	6		0,00	0,00	0,00	71,30		72,50		<b>100,00</b>		<b>100,00</b>		2,48
	A.T/2021/036/JJ	28 DA-A	07.06.2021	6		0,00	0,00	0,00	77,50		80,00		<b>100,00</b>		<b>100,00</b>		1,78

<b>MATIN Tripleurospermum inodorum</b>	SRPL20-443-336HE	14 DA-A	04.05.2021	10,8		0,00	0,00	0,00	<b>45,00</b>		<b>47,50</b>		<b>42,50</b>		<b>45,00</b>		6,92
	SRPL20-443-336HE	28 DA-A	18.05.2021	15		0,00	0,00	0,00	<b>82,50</b>		<b>82,50</b>		82,50		82,50		3,73
	SRPL21-419-336HE	14 DA-A	07.06.2021	7		0,00	0,00	0,00	62,50		58,80		72,50		73,80		2,92
	SRPL21-419-336HE	28 DA-A	21.06.2021	7		0,00	0,00	0,00	68,80		63,80		76,30		76,30		2,88
			<b>Average</b>	8,63		0,00	0,00	0,00	67,93		67,52		78,97		79,60		
			<b>min.</b>	6,00		0,00	0,00	0,00	45,00		47,50		42,50		45,00		
			<b>max.</b>	15,00		0,00	0,00	0,00	82,50		82,50		100,00		100,00		

Table 71. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *MATIN Tripleurospermum inodorum* in spring barley (42-56 DA-A plant)

Pest code			<b>MATIN Tripleurospermum inodorum</b>					
report code			A.T/2021/036/JJ	SRPL20-443-336HE	SRPL21-419-336HE			
DA-A			42 DA-A	56 DA-A	56 DA-A			
date			21.06.2021	15.06.2021	19.07.2021	<b>Average</b>	<b>min.</b>	<b>max.</b>
Pest density m <sup>2</sup>			6	16,3	7	9,77	6,00	16,30
<b>No.</b>	<b>Name</b>	<b>Rate (l,kg/ha)</b>						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00

2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	80,00	<b>86,30</b>	<b>67,50</b>	77,93	67,50	86,30
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	81,30	<b>82,50</b>	<b>63,80</b>	75,87	63,80	82,50
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>100,00</b>	83,80	<b>76,30</b>	86,70	76,30	100,00
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>100,00</b>	81,30	<b>76,30</b>	85,87	76,30	100,00
	Tristar 50 SG	0,025						
	LSD (P=.05)		1,54	4,40	2,48			

Table 72. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *STEME Stellaria media* in spring barley (14-56 DA-A plant)

Pest code	report code	DA-A	date	Pest density m <sup>2</sup>	No.	1	2	3	4		5		6		7		LSD (P=.05)
					Name	Untreated Check	CHR/H/FET 110 EC - Part A	CHR/H/FETEC 110 EC - Part B	CHR/H/FET 110 EC - Part A	Galaper 200 EC	CHR/H/FETEC 110 EC - Part B	Galaper 200 EC	CHR/H/FET 110 EC - Part A	Tristar 50 SG	CHR/H/FETEC 110 EC - Part B	Tristar 50 SG	
					Rate (l,kg/ha)		0,7	0,7	0,5	0,4	0,5	0,4	0,5	0,025	0,5	0,025	
<b>STEME Stellaria media</b>	SRPL20-443-336HE	14 DA-A	04.05.2021	11		0,00	0,00	0,00	<b>53,80</b>		<b>56,30</b>		<b>56,30</b>		<b>53,80</b>		4,77



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	SRPL20-443-336HE	28 DA-A	18.05.2021	14,3		0,00	0,00	0,00	<b>99,00</b>		<b>99,00</b>		99,00		99,00		
	SRPL20-443-336HE	56 DA-A	15.06.2021	17		0,00	0,00	0,00	<b>99,00</b>		<b>99,00</b>		99,00		99,00		
	SRPL21-419-336HE	14 DA-A	07.06.2021	9		0,00	0,00	0,00	88,80		90,00		95,00		95,80		2,70
	SRPL21-419-336HE	28 DA-A	21.06.2021	9		0,00	0,00	0,00	97,80		95,80		98,50		97,80		1,74
	SRPL21-419-336HE	56 DA-A	19.07.2021	9		0,00	0,00	0,00	97,00		96,30		99,00		98,30		2,20
	AH/21/JJ/10/Ra	21 DA-A	26.05.2021	6		0,00	0,00	0,00	82,50		82,50		77,50		77,50		3,10
	AH/21/JJ/10/Ra	42 DA-A	16.06.2021	6		0,00	0,00	0,00	95,00		95,00		<b>100,00</b>		<b>100,00</b>		2,29
			<b>Average</b>	10,16		0,00	0,00	0,00	89,11		89,24		90,54		90,15		
			<b>min.</b>	6,00		0,00	0,00	0,00	53,80		56,30		56,30		53,80		
			<b>max.</b>	17,00		0,00	0,00	0,00	99,00		99,00		100,00		100,00		

Table 73. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *STEME Stellaria media* in spring barley (14-28 DA-A plant)

[illegible]

2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>53,80</b>	<b>99,00</b>	88,80	97,80	82,50	84,38	53,80	99,00
	Galaper 200 EC	0,4								
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>56,30</b>	<b>99,00</b>	90,00	95,80	82,50	84,72	56,30	99,00
	Galaper 200 EC	0,4								
6	CHR/H/FET 110 EC - Part A	0,5	<b>56,30</b>	<b>99,00</b>	95,00	98,50	77,50	85,26	56,30	99,00
	Tristar 50 SG	0,025								
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>53,80</b>	<b>99,00</b>	95,80	97,80	77,50	84,78	53,80	99,00
	Tristar 50 SG	0,025								
	LSD (P=,05)		4,77		2,70	1,74	3,10			

Table 74. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *STEME Stellaria media* in spring barley (42-56 DA-A plant)

Pest code			STEME Stellaria media					
report code			SRPL20-443-336HE	SRPL21-419-336HE	AH/21/JJ/10/Ra			
DA-A			56 DA-A	56 DA-A	42 DA-A			
date			15.06.2021	19.07.2021	16.06.2021	Average	min.	max.
Pest density m <sup>2</sup>			17	9	6	10,67	6,00	17,00
No.	Name	Rate (l,kg/ha)						
1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00

2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>99,00</b>	97,00	<b>95,00</b>	97,00	95,00	99,00
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>99,00</b>	96,30	<b>95,00</b>	96,77	95,00	99,00
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>99,00</b>	<b>99,00</b>	<b>100,00</b>	99,33	99,00	100,00
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	99,00	<b>98,30</b>	<b>100,00</b>	99,10	98,30	100,00
	Tristar 50 SG	0,025						
	LSD (P=.05)			2,20	2,29			

Table 75. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *LAMPU Lamium purpureum* in spring barley (14-56 DA-A plant)

Pest code			LAMPU Lamium purpureum					
report code			SRPL20-443-336HE	SRPL20-443-336HE	SRPL20-443-336HE			
DA-A			14 DA-A	28 DA-A	56 DA-A			
date			04.05.2021	18.05.2021	15.06.2021	Average	min.	max.
Pest density m <sup>2</sup>			11,8	13,5	16	13,77	11,80	16,00
No.	Name	Rate (l,kg/ha)						

1	Untreated Check		0,00	0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>45,00</b>	82,50	<b>83,80</b>	70,43	45,00	83,80
	Galaper 200 EC	0,4						
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>45,00</b>	81,30	<b>85,00</b>	70,43	45,00	85,00
	Galaper 200 EC	0,4						
6	CHR/H/FET 110 EC - Part A	0,5	<b>45,00</b>	<b>83,80</b>	<b>83,80</b>	70,87	45,00	83,80
	Tristar 50 SG	0,025						
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>45,00</b>	82,50	<b>85,00</b>	70,83	45,00	85,00
	Tristar 50 SG	0,025						
	LSD (P=.05)		7,45	3,46	5,73			

Table 76. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *LAMPU Lamium purpureum* in spring barley (14-28 DA-A plant)

Pest code			<b>LAMPU Lamium purpureum</b>				
report code			SRPL20-443-336HE	SRPL20-443-336HE			
DA-A			14 DA-A	28 DA-A			
date			04.05.2021	18.05.2021	Average	min.	max.
Pest density m <sup>2</sup>			11,8	13,5	12,65	11,80	13,50
<b>No.</b>	<b>Name</b>	<b>Rate (l,kg/ha)</b>					

1	Untreated Check		0,00	0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	<b>45,00</b>	82,50	63,75	45,00	82,50
	Galaper 200 EC	0,4					
5	CHR/H/FETEC 110 EC - Part B	0,5	<b>45,00</b>	81,30	63,15	45,00	81,30
	Galaper 200 EC	0,4					
6	CHR/H/FET 110 EC - Part A	0,5	<b>45,00</b>	83,80	64,40	45,00	83,80
	Tristar 50 SG	0,025					
7	CHR/H/FETEC 110 EC - Part B	0,5	<b>45,00</b>	82,50	63,75	45,00	82,50
	Tristar 50 SG	0,025					
	LSD (P=.05)		7,45	3,46			

Table 77. The efficacy of CHR/H/FET 110 EC - Part A and CHR/H/FETEC 110 EC - Part B in control of *LAMPU Lamium purpureum* in spring barley (56 DA-A plant)

Pest code	<b>LAMPU Lamium purpureum</b>			
report code	SRPL20-443-336HE			
DA-A	56 DA-A			
date	15.06.2021	<b>Average</b>	<b>min.</b>	<b>max.</b>
Pest density m <sup>2</sup>	16	16,00	16,00	16,00

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No.	Name	Rate (l,kg/ha)				
1	Untreated Check		0,00	0,00	0,00	0,00
2	CHR/H/FET 110 EC - Part A	0,7	0,00	0,00	0,00	0,00
3	CHR/H/FETEC 110 EC - Part B	0,7	0,00	0,00	0,00	0,00
4	CHR/H/FET 110 EC - Part A	0,5	83,80	83,80	83,80	83,80
	Galaper 200 EC	0,4				
5	CHR/H/FETEC 110 EC - Part B	0,5	85,00	85,00	85,00	85,00
	Galaper 200 EC	0,4				
6	CHR/H/FET 110 EC - Part A	0,5	83,80	83,80	83,80	83,80
	Tristar 50 SG	0,025				
7	CHR/H/FETEC 110 EC - Part B	0,5	85,00	85,00	85,00	85,00
	Tristar 50 SG	0,025				
	LSD (P=.05)		5,73			

## Appendix 6 Summary of phytotoxicity trials data in summary form

Table 1 – data from phytotoxicity trials – winter wheat (selectivity trials)

Report code	Treatment	Dose [L/ha]	Phytotoxicity in %			
A.T/2020/059/PO	Timing of assessment date	DA-A	9 DA-A	23 DA-A	34 DA-A	-
			20.04.2020	04.05.2020	15.05.2020	-
	Untreated Check	-	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	
	LSD (P=0.05)		-	-	-	-
A.T/2020/060/PO	Timing of assessment date	DA-A	10 DA-A	18 DA-A	41 DA-A	-
			21.04.2020	29.04.2020	22.05.2020	-
	Untreated Check	-	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	

Product code: CHR/H/FETEC 110 EC

Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC

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	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	
	LSD (P=0.05)		-	-	-	-
AH/20/PO/21/Gr	Timing of assessment date	DA-A	3 DA-A 20.04.2020	7 DA-A 24.04.2020	14 DA-A 01.05.2020	28 DA-A 15.05.2020
	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-



Table 2 – data from phytotoxicity trials – winter wheat (efficacy trials)

Report code	Treatment	Dose [L/ha]	Phytotoxicity in %			
A.T/2020/025/PO	Timing of assessment date	DA-A	14 DA-A	28 DA-A	65 DA-A	-
			04.05.2020	18.05.2020	24.06.2020	-
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
A.T/2020/026/PO	Timing of assessment date	DA-A	13 DA-A	27 DA-A	74 DA-A	-
			24.04.2020	08.05.2020	24.06.2020	-
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
A.T/2021/034/PO	Timing of assessment date	DA-A	13 DA-A	23 DA-A	31 DA-A	-
			01.05.2021	11.05.2021	19.05.2021	-
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-

	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
<b>A.T/2021/035/PO</b>	Timing of assessment date	DA-A	16 DA-A 05.05.2021	28 DA-A 17.05.2021	39 DA-A 28.05.2021	- -
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
<b>AH/21/PO/10/Mr</b>	Timing of assessment date	DA-A	21 DA-A 12.05.2021	42 DA-A 02.06.2021	76 DA-A 06.07.2021	- -
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
<b>AH/21/PO/10/Ra</b>	Timing of assessment date	DA-A	21 DA-A 19.05.2021	42 DA-A 09.06.2021	68 DA-A 05.07.2021	- -
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-

	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
SRPL20-221-336HE	Timing of assessment date	DA-A	7 DA-A 24.04.2020	13 DA-A 30.04.2020	28 DA-A 15.05.2020	42 DA-A 29.05.2020
	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-
	Timing of assessment date	DA-A	7 DA-A 28.04.2020	14 DA-A 05.05.2020	28 DA-A 19.05.2020	56 DA-A 16.06.2020
SRPL20-222-336HE	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-

Table 3 – data from phytotoxicity trials – spring wheat (selectivity trials)

Report code	Treatment	Dose [L/ha]	Phytotoxicity in %				
			14 DA-A	21 DA-A	27 DA-A	-	-
A.T/2021/038/PJ	Timing of assessment date	DA-A	28.05.2021	04.06.2021	10.06.2021	-	-
	Untreated Check	-	0.00	0.00	0.00		
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00		
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00		
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00		
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	6.00	2.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	1.00	0.00	0.00		
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00		
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	1.80	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00		
	LSD (P=0.05)		-	-	-	-	-
SRPL21-420-336HE	Timing of assessment date	DA-A	7 DA-A	14 DA-A	21 DA-A	28 DA-A	56 DA-A
			27.05.2021	03.06.2021	10.06.2021	17.06.2021	15.07.2021
	Untreated Check	-	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00	0.00

Product code: CHR/H/FETEC 110 EC

Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC

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	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-	-

Table 4 – data from phytotoxicity trials – winter barley (selectivity trials)

Report code	Treatment	Dose [L/ha]	Phytotoxicity in %					
A.T/2021/037/JO	Timing of assessment date	DA-A	9 DA-A	23 DA-A	30 DA-A	-	-	-
			26.04.2021	10.05.2021	17.05.2021	-	-	-
	Untreated Check	-	0.00	0.00	0.00	-	-	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-	-	-
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00	-	-	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-	-	-
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00	-	-	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-	-	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	-	-	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-	-	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	-	-	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-	-	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	-	-	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-	-	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	-	-	-
	LSD (P=0.05)		-	-	-	-	-	-
AH/21/JO/10/Br	Timing of assessment date	DA-A	3 DA-A	6 DA-A	10 DA-A	17 DA-A	45 DA-A	78 DA-A
			23.04.2021	26.04.2021	30.04.2021	07.05.2021	04.06.2021	07.07.2021
	Untreated Check	-	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00	0.00	0.00

Product code: CHR/H/FETEC 110 EC

Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC

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	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-	-	-

Table 5 – data from phytotoxicity trials – spring barley (selectivity trials)

Report code	Treatment	Dose [L/ha]	Phytotoxicity in %			
A.T/2020/061/JJ	Timing of assessment date	DA-A	12 DA-A	21 DA-A	-	-
			19.05.2020	28.05.2020	-	-
	Untreated Check	-	0.00	0.00		
	CHR/H/FET 110 EC - Part A	0.70	4.00	0.00		
	CHR/H/FET 110 EC - Part A	1.40	9.30	5.80		
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B	1.40	3.50	0.00		
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	1.30	0.00		
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	6.30	2.00		
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	2.30	0.00		
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	2.30	0.00		
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	3.50	0.00		
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00		
	LSD (P=0.05)		1.40	0.66	-	-
A.T/2020/062/JJ	Timing of assessment date	DA-A	9 DA-A	20 DA-A	-	-
			29.05.2020	09.06.2020	-	-
	Untreated Check	-	0.00	0.00		
	CHR/H/FET 110 EC - Part A	0.70	5.00	0.00		
	CHR/H/FET 110 EC - Part A	1.40	9.30	0.00		
	CHR/H/FETEC 110 EC - Part B	0.70	5.00	0.00		
	CHR/H/FETEC 110 EC - Part B	1.40	9.30	0.00		
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00		
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00		
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00		



Product code: CHR/H/FETEC 110 EC

Product name: Fenoxinn Max 110 EC/Herbos Max 110 EC

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	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00		
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00		
	LSD (P=0.05)		-	-	-	-
AH/20/JJ/21/Gr	Timing of assessment date	DA-A	2 DA-A 15.05.2020	7 DA-A 20.05.2020	14 DA-A 27.05.2020	26 DA-A 08.06.2020
	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	1.40	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	1.40	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	1.0 +0.8	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	1.0 + 0.05	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-

Table 6 – data from phytotoxicity trials – spring barley (efficacy trials)

Report code	Treatment	Dose [L/ha]	Phytotoxicity in %			
A.T/2020/008/JJ	Timing of assessment date	DA-A	13 DA-A	24 DA-A	33 DA-A	66 DA-A
			28.05.2020	08.06.2020	17.06.2020	20.07.2020
	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-
A.T/2020/058/JJ	Timing of assessment date	DA-A	7 DA-A	14 DA-A	34 DA-A	38 DA-A
			22.05.2020	29.05.2020	08.06.2020	22.06.2020
	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-
A.T/2021/036/JJ	Timing of assessment date	DA-A	14 DA-A	21 DA-A	28 DA-A	-
			24.05.2021	31.05.2021	07.06.2021	-
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-

	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
AH/20/JJ/21/Br	Timing of assessment date	DA-A	7 DA-A	28 DA-A	56 DA-A	-
			25.05.2020	15.06.2020	13.07.2020	-
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
AH/21/JJ/10/Ra	Timing of assessment date	DA-A	21 DA-A	42 DA-A	62 DA-A	-
			26.05.2021	16.06.2021	06.07.2021	-
	Untreated Check	-	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	-
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	-
	LSD (P=0.05)		-	-	-	-
SRPL21-418-336HE	Timing of assessment date	DA-A	7 DA-A	14 DA-A	28 DA-A	56 DA-A
			27.04.2021	04.05.2021	18.05.2021	15.06.2021
	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00

	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-
SRPL21-419-336HE	Timing of assessment date	DA-A	7 DA-A 31.05.2021	14 DA-A 07.06.2021	28 DA-A 21.06.2021	56 DA-A 19.07.2021
	Untreated Check	-	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A	0.70	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B	0.70	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Galaper 200 EC	0.5 + 0.4	0.00	0.00	0.00	0.00
	CHR/H/FET 110 EC - Part A + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	CHR/H/FETEC 110 EC - Part B + Tristar 50 SG	0.5 + 0.025	0.00	0.00	0.00	0.00
	LSD (P=0.05)		-	-	-	-

Table 7 – data from phytotoxicity trials

Test report (1)	Testing Unit GEP (2)	Country Region (3)	Dates of trials and GS (4)	Cultivar F/G (5) N/A (6)	Experimental de- sign Test method (7) Replicates	Remarks
<b>A.T/2020/059/PO</b>	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	Moszczenica/ Po- land	11.04.2020 BBCH 30-31	winter wheat/ Hondia  F N	Randomized blocks EPPO PP 1/135 (4) 4	Soil type: sandy loam pH 5.8
<b>A.T/2020/060/PO</b>	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	Stare Gralew/ Po- land	11.04.2020 BBCH 29-31	winter wheat/Kili- manjaro  F N	Randomized blocks EPPO PP 1/135 (4) 4	Soil type: sandy loam pH 7.7
<b>AH/20/PO/21/Gr</b>	Poznań University of Life Sci- ences, Research and Education Center Gorzyń, Wojska Polskiego 28, 60-637 Poz- nań	Gorzyń/Poland	17.04.2020 BBCH 31	winter wheat/ Jantarka  F N	Randomized blocks EPPO PP 1/135 (4) 4	Soil type: sandy loam pH 6.1
<b>A.T/2021/038/PJ</b>	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	Mirosław/ Poland	14.05.2021 BBCH 21-25	spring wheat/ Ra- docha  F N	Randomized blocks EPPO PP 1/135 (4) 4	Soil type: sandy loam pH 5.5
<b>SRPL21-420-336HE</b>	SynTech Research Poland Sp. z o.o. 69/1 Jagiellonska 85-027 Bydgoszcz Poland	Witoldowo/ Poland	20.05.2021 BBCH 22-23	spring wheat/ Pa- rabola  F N	Randomized blocks EPPO PP 1/135 (4) 4	Soil type: loam pH 6.5
<b>A.T/2021/037/JO</b>	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	Trzciany/Poland	17.04.2021 BBCH 25-30	winter barley/ Me- lia  F N	Randomized blocks EPPO PP 1/135 (4) 4	Soil type: loamy sand pH 5.9
<b>AH/21/JO/10/Br</b>	Poznań University of Life Sci- ences, Research and Education	Brody/Poland	20.04.2021 BBCH 31	winter barley/ SU- JULE	Randomized blocks EPPO PP 1/135 (4)	Soil type: sandy loam pH 5.8

	Center Gorzyń, Wojska Polskiego 28, 60-637 Poz- nań			F N	4	
<b>A.T/2020/061/JJ</b>	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	Maniewo/ Poland	07.05.2020 BBCH 25-30	spring barley/ Feedway  F N	Randomized blocks EPP0 PP 1/135 (4) 4	Soil type: loamy sand pH 6.4
<b>A.T/2020/062/JJ</b>	A.T Sp. z o.o. ul. Przemysłowa 3 88-300 Mogilno	Bogucin/ Poland	20.05.2020 BBCH 23-28	spring barley/ Ella  F N	Randomized blocks EPP0 PP 1/135 (4) 4	Soil type: sandy loam pH 7.3
<b>AH/20/JJ/21/Gr</b>	Poznań University of Life Sci- ences, Research and Education Center Gorzyń, Wojska Polskiego 28, 60-637 Poz- nań	Gorzyń/ Poland	13.05.2020 BBCH 25-26	spring barley/ Ella  F N	Randomized blocks EPP0 PP 1/135 (4) 4	Soil type: sandy loam pH 6.2

Notes:

- (1): test report number
- (2): Trial responsible entity/ officially recognized organization
- (3): precise place of the trial followed by the country
- (4): Crop growth stage at application timing
- (5): F= field trial, G=protected crop, specify
- (6): N=Natural infestation, A= Artificial inoculation
- (7): Test guideline used

#### **Appendix 7 Summary of available studies: Adverse effects on beneficial organisms**

None

#### **Appendix 8 Summary of data on succeeding crop**

None