

# **REGISTRATION REPORT**

## **Part B**

### **Section 0**

Product Background, Regulatory Context and  
GAP information

Product code: EF-243

Product name(s): Lontrel 300

Chemical active substance:

Clopyralid – olamine, 395 g/L (300 g ae/L)

Central Zone

Zonal Rapporteur Member State: Poland

### **CORE ASSESSMENT**

(Renewal of Authorization under Art.43)

Applicant: Corteva Agriscience

Submission date: 22/12/2021

MS Finalisation date: 05/12/2022

After commenting: 22/02/2023

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

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**zRMS correction: January: 2024**

zRMS - update of the report in terms of additional study on onion and honey study submitted by Applicant: March 2024

zRMS - update of the report in terms of honey study (national approach)  
– April 2024

**zRMS – report update at the request of the applicant: July 2024**

EF-243  
 Part B – Section 0 - Core Assessment  
 Corteva Agriscience version

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## Version history

When	What
December 2021	Article 43 submission for reregistration of EF-243 following Clopyralid Renewal of approval (Commission Implementing Regulation (EU) 2021/1191)
December 2022	First zRMS evaluation
February 2023	After commenting
July 2023	Corteva's amendment for onion use
September 2023	Updated by Corteva to include honey study and additional onion study
November 2023	rRMS evaluation following Applicant's amendment
January 2024	zRMS correction
February 2024	zRMS - update of the report in terms of additional honey study and onion study submitted by Applicant
April 2024	Update of the report in terms of honey study (national approach)
July 2024	zRMS – report update at the request of the applicant

## Table of Contents

<b>0</b>	<b>Product background, regulatory context and GAP information .....</b>	<b>5</b>
0.1	Introduction.....	5
0.1.1	Reason for application .....	5
0.1.2	Details of zRMS(s) and concerned MS .....	6
0.1.3	Regulatory history of the active(s).....	6
0.1.4	Regulatory history of the product .....	8
0.2	zRMS conclusion .....	8
<b>Appendix 1</b>	<b>ALL intended uses .....</b>	<b>10</b>

## 0 Product background, regulatory context and GAP information

### 0.1 Introduction

This application is made to fulfil the requirements of Article 43 of Regulation (EC) No 1107/2009 for the authorization of the product EF-243. This is a renewal of product submission in the Central zone.

This document describes the product background, regulatory context and GAP information required for the registration of EF-243 containing 395 g/L (300 g ae/L) Clopyralid-olamine.

#### 0.1.1 Reason for application

This draft Registration Report (dRR) supports an application for the Article 43 product resubmission in the Central zone, with Poland as the Rapporteur Member State. The product (development code EF-243) is a soluble concentrate (SL) containing Clopyralid – olamine (395 g/L (300 g ae/L)) as the active substance. The product is intended to be used as a herbicide.

This application follows the data requirements for the active substance laid down in Regulation (EC) No. 544/2011 and the data requirements for the plant protection product laid down in Regulation (EC) No. 545/2011 as appropriate for plant protection product registration– see SANTE/11509/2013 – rev 5.2 guidance document on interpretation of the transitional measures for the data requirements for chemical active substances and plant protection products according the Regulation (EU) No. 283/2013 and 284/2013. The dossier is supported with a full package as outlined in the requirements. Corteva Agriscience is the data owner for active substance contained in EF-243.

The table below provides new information submitted in comparison with the previous review for EF-243 in Central Zone.

**Table 0.1-1: New information in comparison with the previous review**

Section	New information in this submission vs previous review
Section 1,2 and 4	Appearance Oxidizing properties Flash point Self-heating pH Viscosity Surface tension Relative density Tank clean out
Section 3 (Efficacy)	New efficacy dossier
Section 5 (Methods)	Methods for additional residue and ecotoxicological studies in the dossier;
Section 6 (Toxicology)	-

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

Section 7 (Residues and metabolism)	Metabolism in wheat Metabolism OSR Residue trials in supported crops Field rotational crop Storage stability for some of supported crops
Section 8 (Environmental Fate)	E-fate modeling based on new agreed endpoints
Section 9 (Ecotox)	Acute oral tox. Birds Aquatic toxicity studies Bumble bee (a.s.) Effects on soil non target organisms Effects on non target plants (seedling emergence and vegetative vigour)
Section 10 (Non-relevance of metabolites)	-
Part C (Confidential information)	-

This application follows the data requirements for the active substance laid down in Regulation (EC) No. 283/2013 and the data requirements for the plant protection product laid down in Regulation (EC) No. 284/2013. Full data package was submitted by Corteva Agriscience.

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

Article 43 submission in Central zone with Poland as zRMS, concerned MSs listed below in Table 0.1-1.

**Table 0.1-2: Overview of zRMS and cMS**

	zRMS, product name and authorization no. (if relevant)	(if relevant) Concerned MS, MS' product name and authorization number (if applicable)
<b>Northern zone</b>	N/A	N/A
<b>Central zone</b>	<u>zRMS – Poland</u> Authorization number – R-88/2010	<u>cMS1 – Czech Republic</u> Authorization number – 3429-3  <u>cMS2 – Slovakia</u> Authorization number – 3429
<b>Southern zone</b>	N/A	N/A

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

EF-243  
Part B – Section 0 - Core Assessment  
Corteva Agriscience version

**Table 0.1-3: Summary of regulatory history of CAS No: 1702-17-6**

Status	
Approved in EU	Yes
Original Inclusion Directive or Commission Implementing Regulation	Commission Implementing Regulation (EU) 2021/1191 of 19 July 2021
RMS	Finland
Date of Approval (or most recent renewal) of Active Substance (date of Regulation to be applied)	01.10.2021
Date of first Commission (re-registration) deadline (Step 1) or date of deadline for renewal of authorization (renewal)	NA
Date of final Commission (re-registration) deadline (Step 2)	NA
Current expiration of approval	30.09.2036
Low risk substance or Candidate for Substitution?	No

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

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

- the specification of the technical material as commercially manufactured;
- the protection of operators, ensuring that conditions of use for operators include the application of adequate personal protective equipment;
- possible presence of clopyralid residues in rotational crops;
- the possible transfer of clopyralid residues via compost or manure of animals whose feed originates from treated areas, to avoid damage to susceptible crops;
- the protection of groundwater under vulnerable conditions.

Conditions of use shall include risk mitigation measures, where appropriate. The applicant shall submit to the Commission, the Member States and the Authority confirmatory information as regards the effect of water treatment processes on the nature of residues present in drinking water. The applicant shall submit this information within two years after adoption of a guidance document on evaluation of the effect of water treatment processes on the nature of residues present in surface and groundwater.

The SANTE report for clopyralid (SANTE/10206/2021 Rev 1) is considered to provide the relevant information on the evaluation or a reference to where such information can be found. An EFSA Scientific Report was made available on 03/08/2018 (EFSA Journal 2018;16(8):5389).

**Table 0.1-4: Information on minimum purity of clopyralid**

EU agreed minimum purity from Inclusion Directive or Implementing regulation	(if different) Minimum purity of active substance used in the product / information on available equiv- alency report *, **
≥ 950 g/kg	-

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

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

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

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

endpoints.

Endpoint	Active Substance	
	EU agreed endpoint from EFSA 2018	Endpoint used*
<i>Bombus terrestris</i>	Not applicable	Oral LD <sub>50</sub> = >203 µg a.s./bee Contact LD <sub>50</sub> = >200 µg a.s./bee
Stability of Crop Residues	Clopyralid (free and conjugated) is stable for at least 17 months in high water commodities, 24 months in high oil commodities, 13 months in high starch commodities and 10 months in high acid commodities when stored under frozen ( $\leq -18^{\circ}\text{C}$ ) conditions in the EFSA conclusion 2018a.	Clopyralid (free and conjugated) is stable across the five commodity categories and therefore is stable in all crop commodities up to 13 months when stored under frozen ( $\leq -18^{\circ}\text{C}$ ) conditions.
Dermal absorption	Concentrate: 25 % Spray dilution: 75 % Default dermal absorption values according to Guidance on Dermal Absorption (EFSA PPR Panel, 2012)	Concentrate: 10% EFSA default value for concentrated SL formulation (active substance concentration > 50 g/L) Spray dilution: 50% EFSA default value for dilute SL formulation (active substance concentration $\leq 50$ g/L)

\* Since EU approval new studies on the active substance have been performed (e.g. new manufacturing site, new specification, confirmatory data)

### 0.1.4 Regulatory history of the product

The following table provides corresponding information of product codes, product names and authorizations in different EU Member States.

Product code	Product name(s)	MS	Authorization No.	Date of initial registration	Date of the last re-registration
EF-243	LONTREL 300	Czech Republic	3429-3	18/02/1984	01/03/2011
EF-243	LONTREL 300	Poland	R-88/2010	15/12/2010	15/12/2010
EF-243	LONTREL 300	Slovakia	3429	10/02/1997	03/12/2001

### 0.2 zRMS conclusion

The authorisation can be granted for beets, cereals and onion.

The formulated product Lontrel 300 containing 395 g/L should not be classified for human health reason but required classification for the environment as Very toxic to aquatic life with long lasting effects, H410 (Regulation EC No 1272/2008). According to the model calculations, it can be concluded that the risk for the operator, worker and bystander is acceptable. The proposed use of clopyralid does not represent unacceptable chronic risks for the consumers, however lack of oilseed rape and beet plant metabolism studies



EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

evaluated at EU level and lack of residue studies in honey after application of the product in rapeseed were noticed. The holder of authorization shall be required to submit residue trials on rapeseed honey carried out with the plant protection product or the active substance together with a draft addendum to the registration report within 2 years from the date of authorisation. Failure to submit the abovementioned additions or a lack of positive evaluation of the submitted data may result in a modification of the conditions of the authorisation in question or its withdrawal from the legal trade.

The applicant provided the honey study report. The zRMS found the study acceptable however the current MRL for clopyralid in honey is potentially exceeded. The Applicant submitted a request to the competent national authority in Finland to modify the existing MRLs for clopyralid in honey. To accommodate clopyralid residues in honey from the authorised use on oilseed rape, it is pro-posed to raise the MRLs in honey from the limit of quantification of 0.05 to 0.15 mg/kg.

Taking into account national harmonisation arrangements, the use of Lontrel 300 in oilseed rape is accepted conditionally, until a new MRL value for honey is published. Once the new MRLs for honey are published in the Regulation, the report should be revised.

When the results of the plant metabolism studies in oilseed rape and sugar beet, evaluated at UE level are available, it will be necessary to verify the evaluation performed. The holder of authorization shall be required to confirm that the product can be used in the abovementioned applications.

~~the use of the product in beets (sugar, red and fodder) and winter oilseed rape is not acceptable due to the lack of plant metabolism studies evaluated at EU level.~~ No unacceptable risk to birds, mammals, non-target aquatic organisms, bees, non-target arthropods, non-target plants is expected following the application of Lontrel according to proposed use. The efficacy of Lontrel was sufficiently demonstrated for use in winter oilseed rape.

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

See: Appendix 1

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

See: Appendix 1

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

See: Appendix 1.

All uses/ GAPs are covered by established MRLs. The exceedance of the current MRL in rape honey can be expected.

EF-243  
Part B – Section 0 - Core Assessment  
Corteva Agriscience version

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Appendix 1 ALL intended uses

PPP (product name/code): EF-243

Active substance 1: Clopyralid-olamine

Safener: no

Synergist: no

Applicant: Corteva Agriscience

Zone(s): Central

Formulation type: SL

Conc. of as 1: 395.26 g/L (a.s.), 300 g/L (a.e.)

Conc. of safener: conc. <sup>(c)</sup>

Conc. of synergist: conc. <sup>(c)</sup>

Professional use: ☒

Non professional use: ☐

Verified by MS:

Field of use: Herbicide

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

Use- No. (e )	Member state(s)	Crop and/ or situation  (crop destination / purpose of crop)	F, Fn, Fpn G, Gn, Gpn or I	Pests or Group of pests controlled  (additionally: devel- opmental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen-er/synergist per ha (f)	zRMS Conclu- sion (efficacy)	
					Method / Kind  Equipment Used	Timing / Growth stage of crop & season	Max. num- ber a) per use b) per crop/ season	Min. inter- val between applications (days)	kg or L prod- uct / ha a) max. rate per appl. b) max. total rate per crop/season	g as/ha  a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max				
TYPE OF APPLICATION - ZONAL															
1	Poland	Sugar beet EPPO Code: BEAVC, BEAVA, BEAVD EU MRL Code: 0213010, 0900010, 0213010 Raw Human consumption Processed goods Cattle consump- tion	F	Broad-leaved weeds (BBBBB) (including but not only Cirsium arv- ense, Matricaria spp.)	Broadcast, Foliar  Tractor mounted boom	BBCH 12-39 (until July 1st)	a) 1  b) 1	NA	a) 0,3 to 0,4  b) 03 to 0,4	a) AS1: 118,578 to 158,104 (as/ha), 90 to 120 (ae/ha)  b) AS1: 118,578 to 158,104 (as/ha), 90 to 120 (ae/ha)	100- 400	42 days	One application every two years. Maximum total dose rate must not exceed 120 g ae clopyralid/ha per crop; maximum individual dose: 120 g ae clopyralid/ha. For residue management in crop rotation: no mitigation measures are required for Leafy and Bras- sica vegetables or for Oilseeds. For all other food and feed com- modities except sugar canes, a 30- day PBI is supported. It is recom- mended that sugar canes not be planted for 125 days after applica- tion of clopyralid. For crop rotation management, see label for recommendations.		

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

2	Poland	Sugar beet EPPO Code: BEAVC, BEAVA, BEAVD EU MRL Code: 0213010, 0900010, 0213010 Raw Human consumption Processed goods Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only Cirsium arv- ense, Matricaria spp.)	Broadcast, Foliar  Tractor mounted boom, split application	BBCH 12-15 First application at BBCH 12-15. Second applica- tion at BBCH 12-15.	a) 2  b) 2	7 day in- terval	a) 0,2  b) 0,4	a) AS1: 79,052 (as/ha), 60 (ae/ha)  b) AS1: 158,104 (as/ha), 120 (ae/ha)	100- 400	42 days	Only every three years. Split ap- plication: First application at 60 gae clopyralid/ha (0,2L of EF- 243/ha) at BBCH 12-15 followed 7-days later by a second applica- tion at BBCH 12-15 at 60 gae clopyralid/ha (0,2 L EF-243/ha). Maximum total dose rate must not exceed 120 g ae clopyralid/ha per crop; maximum individual dose: 120 g ae clopyralid/ha. For residue management in crop rotation: no mitigation measures are required for Leafy and Bras- sica vegetables or for Oilseeds. For all other food and feed com- modities except sugar canes, a 30- day PBI is supported. It is recom- mended that sugar canes not be planted for 125 days after applica- tion of clopyralid. For crop rotation management, see label for recommendations.	
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EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

3	Czech Republic, Slovakia	Fodder beet, Sugar beet, EPPO Code: BEAVC, BEAVD, BEAVA, BEAVC EU MRL Code: 0213010, 0213010, 0900010, 0213010 Raw Human consumption Processed goods Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only Cirsium arvense, Matricaria spp.)	Broadcast, Foliar Tractor mounted boom	BBCH 12-39 (until July 1st)	a) 1 b) 1	NA	a) 0,35 b) 0,35	a) AS1: 138,341 (as/ha), 105 (ae/ha) b) AS1: 138,341 (as/ha), 105 (ae/ha)	100-400	42 days	One application every two years. Maximum total dose rate must not exceed 105 g ae clopyralid/ha per crop; maximum individual dose: 105 g ae clopyralid/ha. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.
4	Czech Republic, Slovakia, Poland	Fodder beet*, Sugar beet, EPPO Code: BEAVC, BEAVD, BEAVA, BEAVC EU MRL Code: 0213010, 0213010, 0900010, 0213010 Raw Human consumption Processed goods Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only Cirsium arvense, Matricaria spp.)	Broadcast, Foliar Tractor mounted boom, split application	BBCH 12-15 First application at BBCH 12-15. Second application at BBCH 12-15.	a) 2 b) 2	7 day interval	a) 0,175 b) 0,35	a) AS1: 69,17 (as/ha), 52,5 (ae/ha) b) AS1: 138,341 (as/ha), 105 (ae/ha)	100-400	42 days	*Fodder beet not supported in

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

													Poland. Only every three years. Split application: First application at 52,5 gae clopyralid/ha (0,175L of EF-243/ha) at BBCH 12-15 followed 7-days later by a second application at BBCH 12-15 at 52,5 gae clopyralid/ha (0,175 L EF-243/ha). Maximum total dose rate must not exceed 105 g ae clopyralid/ha per crop; maximum individual dose: 105 g ae clopyralid/ha. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	
5	Czech Republic, Slovakia, Poland	Fodder beet*, Sugar beet, EPPO Code: BEAVC, BEAVD, BEAVA, BEAVC EU MRL Code: 0213010, 0213010, 0900010, 0213010 Raw Human consumption Processed goods Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> , <i>Matricaria</i> spp.)	Broadcast, Foliar  Tractor mounted boom, split application	BBCH 15-31  First application at BBCH 15. Second application at BBCH 31.	a) 2  b) 2	10-day interval	a) 0,175  b) 0,35	a) AS1: 69,17 (as/ha), 52,5 (ae/ha)  b) AS1: 138,341 (as/ha), 105 (ae/ha)	100-400	42 days	*Fodder beet not supported in	

EF-243  
Part B – Section 0 - Core Assessment  
Corteva Agriscience version

													<p>Poland.</p> <p>Every two years. Split application: first application at 52,5 gae clopyralid/ha (0,175L EF243/ha) at BBCH 15 followed 10 days later by a second application (at BBCH 31) at 52,5 gae clopyralid/ha (0,175 L EF-243/ha). Maximum total dose rate must not exceed 105 g ae clopyralid/ha per crop; maximum individual dose: 105 g ae clopyralid/ha.</p> <p>For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds.</p> <p>For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid.</p> <p>For crop rotation management, see label for recommendations.</p>	
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EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

6	Poland	Sugar beet, EPPO Code: BEAVC, BEAVA, BEAVD EU MRL Code: 0213010, 0900010, 0213010 Raw Human consumption Processed goods Cattle consump- tion	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arv-</i> <i>ense</i> , <i>Matricaria</i> <i>spp.</i> )	Broadcast, Foliar  Tractor mounted boom, split application	BBCH 15-31  First application at BBCH 15. Second applica- tion at BBCH 31.	a) 2 b) 2	10-day in- terval	a) 0,2 b) 0,4	a) AS1: 79,05 (as/ha), 60 (ae/ha)  b) AS1: 158,1 (as/ha), 120(ae/ha)	100- 400	42 days	Every two years. Split application: first application at 60 gae clopyralid/ha (0,2 L EF243/ha) at BBCH 15 followed 10 days later by a second application (at BBCH 31) at 60 gae clopyralid/ha (0,2 L EF-243/ha). Maximum total dose rate must not exceed 120 g ae clopyralid/ha per crop; maximum individual dose: 120 g ae clopyralid/ha. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	
7	Poland	Winter Oilseed rape EPPO Code: BRSNW EU MRL Code: 0401060 Raw Human consumption Processed goods Cattle consump- tion	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arv-</i> <i>ense</i> , <i>Centaurea</i> <i>cyanus</i> , <i>Matricaria</i> <i>spp.</i> )	Broadcast, Foliar  Tractor mounted boom	BBCH 30-51	a) 1 b) 1	NA	a) 0,4 b) 0,4	a) AS1: 158,104 (g as/ha), 120 (g ae/ha)  b) AS1: 158,104 (g as/ha), 120 (g ae/ha)	100- 400	Not applica- ble*	For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	The use in rapeseed is accepted conditionally, until a new MRL value for honey is published.



EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

8	Slovakia, Czech Rep.	Winter Oilseed rape EPPO Code: BRSNW EU MRL Code: 0401060 Raw Human consumption Processed goods Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> , <i>Centaurea cyanus</i> , <i>Matricaria</i> spp)	Broadcast, Foliar  Tractor mounted boom	BBCH 30-51	a) 1 b) 1	NA	a) 0,35 b) 0,35	a) AS1: 138,341 (g as/ha), 105 (g ae/ha)  b) AS1: 138,341 (g as/ha), 105 (g ae/ha)	100-400	Not applicable*	For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	
9	Slovakia	Gladiolus EPPO Code: 1GLAG EU MRL Code: NA	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> , <i>Matricaria</i> spp.)	Broadcast foliar  Tractor mounted boom	BBCH 12-19 (spring/summer)	a) 1 b) 1	NA	a) 0,4 b) 0,4	a) AS1: 158,104 (as/ha), 120 (ae/ha)  b) AS1: 158,104 (as/ha), 120 (ae/ha)	100-400	Not applicable	One application every 2 years. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	
10	Czech Republic, Slovakia	Spring Barley Spring Wheat Spring Oat Spring Rye Spring Triticale EPPO Code: HORVS TRZAS AVESP SECCS TTLSO EU MRL Code: 0500010 0500090 0500050 0500070 0500990 Raw Human consumption Processed goods	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> , <i>Centaurea cyanus</i> , <i>Matricaria</i> spp)	Broadcast foliar  Tractor mounted boom	BBCH 30-39	a) 1 b) 1	NA	a) 0,3 b) 0,3	a) AS1: 118,578 (as/ha), 90 (ae/ha)  b) AS1: 118,578 (as/ha), 90 (ae/ha)	100-400	Not applicable*	*BBCH For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

		Cattle consumption												
11	Czech Republic, Slovakia	Winter Barley Winter Wheat Winter Oat Winter Rye Winter Triticale EPPO Code: HORVW TRZAW AVESW SECCW TTLWI EU MRL Code: 0500010 0500090 0500050 0500070 0500990 Raw Human consumption Processed goods Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> , <i>Centaurea cyanus</i> , <i>Matricaria</i> spp)	Foliar broadcast  Tractor mounted boom	BBCH 30-39	a) 1 b) 1	NA	a) 0,3 b) 0,3	a) AS1: 118,578 (as/ha), 90 (ae/ha)  b) AS1: 118,578 (as/ha), 90 (ae/ha)	100-400	Not applicable*	*BBCH For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	
12	Czech Republic, Slovakia	Grass for seeds (more than one-year old) EPPO Code: YGRAS EU MRL Code: NA	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> )	Broadcast foliar  Tractor mounted boom	March 01 to July 15, one application every year.	a) 1 b) 1	NA	a) 0,4 b) 0,4	a) AS1: 158,104 (g as/ha), 120 (g ae/ha)  b) AS1: 158,104 g (as/ha), 120 (g ae/ha)	100-400	7-days	One application every year. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.	

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

13	Czech Republic, Slovakia	Grass for seeds (less than one-year old) EPPO Code: YGRAS EU MRL Code: NA	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> )	Broadcast foliar Tractor mounted boom	From BBCH 14 Slovakia: 01 March to 01 July Czech Rep: 01 April to 01 July	a) 1 b) 1	NA	a) 0,4 b) 0,4	a) AS1: 158,104 (g as/ha), 120 (g ae/ha) b) AS1: 158,104 g (as/ha), 120 (g ae/ha)	100-400	7-days	One application every 3 years. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.
14	Czech Republic, Slovakia	Lawn (established grass, more than one-year old) EPPO Code: NNNZW EU MRL Code: NA	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> )	Broadcast foliar Tractor mounted boom	March 01 to July 01, one application every year.	a) 1 b) 1	NA	a) 0,67 b) 0,67	a) AS1: 264,8 g (as/ha), 200 (g ae/ha) b) AS1: 264,8 g (as/ha), 200 (g ae/ha)	200-400	Not applicable	One application every year. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.
15	Slovakia	Maize (grain, forage) EPPO Code: ZEAMX EU MRL Code: 0500030 Processed goods Human consumption (seeds) Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only <i>Cirsium arvense</i> , <i>Matricaria</i> spp.)	Broadcast foliar Tractor mounted boom	BBCH 10-19	a) 1 b) 1	NA	a) 0,34 b) 0,34	a) AS1: 134,38 (as/ha), 102 (ae/ha) b) AS1: 134,38 (as/ha), 102 (ae/ha)	100-400	60 days for forage, 90 days for grain	One application every year. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clopyralid. For crop rotation management, see label for recommendations.

EF-243

Part B – Section 0 - Core Assessment

Corteva Agriscience version

16	Slovakia	Maize (grain, forage) EPPO Code: ZEAMX EU MRL Code: 0500030 Processed goods Human consumption (seeds) Cattle consumption	F	Broad-leaved weeds (BBBBB) (including but not only Cirsium arvense, Matricaria spp.)	Broadcast foliar Tractor mounted boom	BBCH 30-32	a) 1 b) 1	NA	a) 0,34 b) 0,34	a) AS1: 134,38 (as/ha), 102 (ae/ha) b) AS1: 134,38 (as/ha), 102 (ae/ha)	100-400	60 days for forage, 90 days for grain	One application every 2 years. For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clocypirid. For crop rotation management, see label for recommendations.	
17	Czech Republic, Slovakia, Poland	Onion <del>for</del> from Seeds EPPO Code: ALLCE EU MRL Code: 0220020 Raw Human consumption Processed goods	F	Broad-leaved weeds (BBBBB) (including but not only Cirsium arvense, Matricaria spp.)	Broadcast Foliar Tractor mounted boom	BBCH 11-16	a) 1 b) 1	NA	a) 0,4 b) 0,4	a) AS1: 158,104 (as/ha), 120 (ae/ha) b) AS1: 158,104 (as/ha), 120 (ae/ha)	100-400	42-days	For residue management in crop rotation: no mitigation measures are required for Leafy and Brassica vegetables or for Oilseeds. For all other food and feed commodities except sugar canes, a 30-day PBI is supported. It is recommended that sugar canes not be planted for 125 days after application of clocypirid. For crop rotation management, see label for recommendations.	

Column 15: zRMS conclusion.

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