

REGISTRATION REPORT

Part A

Risk Management

Product code: GF-3308

Product name(s): Questar

Chemical active substance:

Fenpicoxamid (XDE-777), 50 g/L

Central Zone

Zonal Rapporteur Member State: Poland

NATIONAL ASSESSMENT POLAND

Applicant: Corteva AgriScience

Submission date: August 2021

MS Finalisation date: April 2022 (initial National Assessment)
October 2022 (final National Assessment)

Version history

When	What
August 2021	Applicant initial dRR
April 2022	Initial zRMS assessment In order to facilitate tracking of changes of the intended uses of the product due to the performed evaluation, amendments of the GAP table and the product label are highlighted in grey, while not agreed use pattern is struck through and shaded .
October 2022	Final report (National Assessment updated following the commenting period). No additional information or assessments after the commenting period.

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PART A

RISK MANAGEMENT

1 Details of the application

1.1 Application background

This application was submitted by Corteva Agriscience in May 2021. The application is for the first approval of the formulation GF-3308, an emulsion concentrate (EC) containing 50 g/L of fenpicoxamid active substance for use as a fungicide in cereals. zRMS is Poland for this application and cMS are Austria, Czech Republic, Slovakia, Romania. Fenpicoxamid (XDE-777) is a new active substance which has been approved under Regulation EC 1007/2009.

This Part A is written for Poland; the application in Poland includes the following crops: wheat, rye, triticale.

1.2 Letters of Access

Letter of access are not necessary for the application. Corteva Agriscience/Dow AgroSciences are the sole producer of fenpicoxamid technical and this application refers to the same technical source as has been assessed during the EU active approval process

1.3 Justification for submission of tests and studies

The studies submitted are necessary for first authorisation in zRMS Poland and the other Central Zone countries and are in accordance with Reg. (EU) No. 284/2013.

Relevant studies (as listed in SanCo Guidance Document 7109/VI/1995) have been conducted in compliance with the principles of GLP or GEP.

Studies on vertebrates have been generated to be in compliance with Reg. 1107/2009 requirements. Acute toxicology data on GF-3521 and GF-3309 are presented to support the current application. These studies have been generated to support application of GF-3521 and GF-3309 in another geography where these data are requested to grant approval.

1.4 Data protection claims

Data protection is claimed in accordance with Article 59 of Regulation (EC) No. 1107/2009 as provided for in the list of references in Appendix 4.

2 Details of the authorization decision

2.1 Product identity

Product code	GF-3308
Product name in MS	Not yet defined
Authorization number	xxxx – xx
Function	fungicide
Applicant	Corteva Agriscience

Active substance(s) (incl. content)	fenpicoxamid; 50 g/L
Formulation type	Emulsion Concentrate (EC)
Packaging	F-HDPE: 0.25 – 20 litre bottles/ jerrican COEX HDPE/PA (external material HDPE / inner barrier Polyamide): 0.1 – 20 litre bottles/ jerrican All packages are for professional users
Coformulants of concern for national authorizations	none
Restrictions related to identity	none
Mandatory tank mixtures	For resistance management, GF-3308 needs to be applied in mixture with a product recommended for control of the same target disease that contains an active substance from a different FRAC group applied at a dose that will give robust disease control.
Recommended tank mixtures	For resistance management, GF-3308 needs to be applied in mixture with a product recommended for control of the same target disease that contains an active substance from a different FRAC group applied at a dose that will give robust disease control.

2.2 Conclusion

The evaluation of the application for GF-3308 / Questar resulted in the decision to grant the authorization. All uses applied for were authorised except for the use in spring wheat (in the control of Puccin, durum wheat, spelt, spring triticale and spring rye (in the control of all target pathogens) - due to no efficacy data. These uses cannot be registered under article 33 of 1107/2009 regulation. Durum wheat, spelt and spring rye are minor crops in Poland and can be registered under article 51 of 1107/2009 regulation. Puccin in spring triticale is of a minor importance in Poland and this claimed use can be also registered under article 51 of 1107/2009 regulation.

2.3 Substances of concern for national monitoring

No substances of concern for national authorization are contained.

2.4 Classification and labelling

2.4.1 Classification and labelling under Regulation (EC) No 1272/2008

The following classification is proposed in accordance with Regulation (EC) No 1272/2008:

Hazard class(es), categories:	Skin irritation: Cat.2 Eye irritation: Cat. 1 Specific target organ toxicity – single exposure: Cat. 3 Fish: Cat.1 Daphnia: Cat 1 Chronic aquatic toxicity: Cat.1
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The following labelling information is derived from the classification and to be mentioned in the safety data sheet. The information which is determined for the **label is formatted bold**:

Hazard pictograms:	GHS05, GHS07, GHS09
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Signal word:	Danger
Hazard statement(s):	H315, H318, H335, H410
Precautionary statement(s):	P280, P302+352, P305+351+338, P312, P391, P501
Additional labelling phrases:	To avoid risks to man and the environment, comply with the instructions for use. [EUH401]

Further labelling statements under Regulation (EC) No 1272/2008:	
According to Art. 18(3) of (EC) No 1272/2008	Contains: Reaction mass of N,N-dimethyldecan-1-amide and N,Ndimethyloctanamide; cyclohexanone; Ethoxylated Alcohols, C12 to C15; Ethylhexanol

2.4.2 Standard phrases under Regulation (EU) No 547/2011

SP 1	Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).
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2.4.3 Other phrases (according to Article 65 (3) of the Regulation (EU) No 1107/2009)

None required.

2.5 Risk management

2.5.1 Restrictions linked to the PPP

The authorization of the PPP is linked to the following conditions (mandatory labelling):

Operator protection:	
	According to the EFSA model calculations, personal protective equipment (PPE) including gloves are required for handling the concentrate solution and application of the prepared spraying solution.
Worker protection:	
	There is no unacceptable risk anticipated for the worker wearing adequate work clothing (but no PPE), when re-entering crops treated with GF-3308.
Integrated pest management (IPM)/sustainable use:	
	None required.
Environmental protection	
SPe 3	To protect aquatic organisms respect an vegetated filter strip of 10 m to surface water bodies combined with 75% drif reduction using appropriate drift reducing techniques.
SPe 8	To protect bees do not apply when flowering weeds are present; do not apply when honeydew is present; do not use where bees are actively foraging.
Other specific restrictions	
	None required

The authorization of the PPP is linked to the following conditions (voluntary labelling):

Integrated pest management (IPM)/sustainable use:	
	None required

2.5.2 Specific restrictions linked to the intended uses

Some of the authorised uses are linked to the following conditions in addition to those listed under point 2.5.1 (mandatory labelling):

Integrated pest management (IPM)/sustainable use:		Relevant for use no.
	None required	
Environmental protection:		Relevant for use no.
SPe 3	To protect aquatic organisms respect an vegetated filter strip of 10 m to surface water bodies combined with 75% drif reduction using appropriate drift reducing techniques.	All intended uses
SPe 8	To protect bees do not apply when flowering weeds are present; do not apply when honeydew is present; do not use where bees are actively foraging.	All intended uses

2.6 Intended uses (only NATIONAL GAP)

GAP rev. 01, date: February 2022

PPP (product name/code): GF-3308

Formulation type: EC (a, b)

Active substance 1: Fenpicoxamid

Conc. of as 1: 50 g/L (c)

Safener: Not Applicable

Conc. of safener: Not Applicable (c)

Synergist: Not Applicable

Conc. of synergist: Not Applicable (c)

Applicant: Corteva Agriscience Professional use: Zone(s): Central (d)

Non professional use: ☒

Verified by MS: yes

Field of use: fungicide

1	2	3	4	5	6	7	8	9	10		11	12	13	14	15							
UseNo. *	Member state(s)	Crop and/ or situation (crop destination / purpose of crop)	F, Fn, G, Gnp or I **	Pests or Group of pests controlled (additionally: developmental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks: e.g. g safener/ synergist per ha, other dose rate expression, dose range (min-max)	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 ai/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min / max			Phys-chem	Analytical methods	Toxicology	Residues Fate & behaviour	Ecotoxicology	Relevance of metabolites in groundwater	Efficacy		
Zonal uses (field or outdoor uses, certain types of protected crops)																						
1	PL	Winter wheat (TRZAW), Durum wheat (TRZDU), Spelt (TRZSP)	F	Zymoseptoria tritici (SEPTTR) Puccinia recondita (PUCCRT),	Tractor mounted spray	BBCH 30-69	a) 1 b) 1	14	a) 2.0 L/ha b) 2.0 L/ha	a) -100 fenpicoxamid b) -100 fenpicoxamid	100-300	PHI F	Range 1.52.0 L/ha proposed. Lower doses to be used when	A	A	R	A	A	R Aquatics, bees	A	A TRZAW Range 1.5-2.0 L/ha accepted for SEPTTR.	

				<i>Puccinia striiformis</i> (PuccST)									lower disease pressure			A Worker B&R		A Remaining species		Lower dose rate of 1,5 L/ha recommended under low disease pressure. Dose rate of 2,0 L/ha recommended for PuccST and PuccRT.
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3	PL	Winter rye (SECCW)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Puccinia recondita</i> (PUCCRE)	Tractor mounted spray	BBCH 30-69	a) 1 b) 1	14	a) 2.0 L/ha b) 2.0 L/ha	a) - 100 fenpicoxamid b) - 100 fenpicoxamid	100-300	PHI F	Range 1.52.0 L/ha proposed. Lower doses to be used when lower disease pressure	A	A	R Operator PPE	A	A	R Aquatics, bees	A	A	Range 1.5-2.0 L/ha accepted for RHYNSE. Lower dose rate of 1,5 L/ha recommended under low disease pressure. Dose rate of 2,0 L/ha recommended for PUCCRE.
4	PL	Spring wheat (TRZAS)	F	<i>Zymoseptoria tritici</i> (SEPTTR) <i>Puccinia recondita</i> (PUCCRT),	Tractor mounted spray	BBCH 30-69	a) 1 b) 1	14	a) 2.0 L/ha b) 2.0L/ha	a) - 100 fenpicoxamid b) - 100 fenpicoxamid	100-300	PHI F	Range 1.52.0 L/ha proposed. Lower doses to be used when	A	A	R Operator PPE	A	A	R Aquatics, bees	A	A	SEPTTR, PUCCST Range 1.5-2.0 L/ha accepted for SEPTTR.
				<i>Puccinia striiformis</i> (PUCCST)									lower disease pressure			A Worker B&R			A Remaining species			Lower dose rate of 1,5 L/ha recommended under low disease pressure. Dose rate of 2,0 L/ha recommended for PUCCST.
																						N
																						PUCCRT

5	PL	Spring triticale (TTLSO)	F	<i>Septoria</i> spp. (SEPTSP) <i>Puccinia striiformis</i> (PUCCST)	Tractor mounted spray	BBCH 30-69	a) 1 b) 1	14	a) 2.0 L/ha b) 2.0L/ha	a) - 100 fenpicoxamid b) - 100 fenpicoxamid	100-300	PHI F	Range 1.52.0 L/ha proposed. Lower doses to be used when lower disease pressure	A	A	R Operator PPE	A	A	R Aquatics, bees	A	N (possible registration of PUCCST under art. 51)
6	PL	Spring rye (SECCS)	F	<i>Rhynchosporium secalis</i> (RHYNSE) <i>Puccinia recondita</i> (PUCCRE)	Tractor mounted spray	BBCH 30-69	a) 1 b) 1	14	a) 2.0 L/ha b) 2.0L/ha	a) - 100 fenpicoxamid b) - 100 fenpicoxamid	100-300	PHI F	Range 1.52.0 L/ha proposed. Lower doses to be used when lower disease pressure	A	A	R Operator PPE	A	A	R Aquatics, bees	A	N (possible registration under art. 51)

Remarks (a) e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR)

(d) Select relevant

table heading: (b) Catalogue of pesticide formulation types and international coding system CropLife International Technical Monograph n°2, 6th Edition Revised May 2008 (c) (e) Use number(s) in accordance with the list of all intended GAPs in Part B, Section 0 should be given in column 1 (f) No authorization possible for uses where the line is highlighted in grey, Use should be crossed out when the notifier no longer supports this use.

Remarks columns:	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/m ³ in case of fumigation of empty rooms. See also EPPO-Guideline PP 1/239 Dose expression for plant protection products.
	5	Scientific names and EPPO-Codes of target pests/diseases/ weeds or, when relevant, the common names of the pest groups (e.g. biting and sucking insects, soil born insects, foliar fungi, weeds) and the developmental stages of the pests and pest groups at the moment of application must be named.	11	The dimension (g, kg) must be clearly specified. (Maximum) dose of a.s. per treatment (usually g, kg or L product / ha).
	6	Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench Kind, e.g. overall, broadcast, aerial spraying, row, individual plant, between the plants - type of equipment used must be indicated.	12	If water volume range depends on application equipments (e.g. ULVA or LVA) it should be mentioned under “application: method/kind”.
			13	PHI - minimum pre-harvest interval F: PHI is defined by the application stage at last treatment (time elapsing between last treatment and harvest of the crop).
			14	Remarks may include: Extent of use/economic importance/restrictions
			15	Overall conclusions - explanation for the column 15 is below*

* Explanation for column 15 “zRMS conclusion”

A	Acceptable, Safe use
R	Further refinement and/or risk mitigation measures required
C	To be confirmed by eMS
N	No safe use

3 Background of authorization decision and risk management

3.1 Physical and chemical properties (Part B, Section 2)

All studies have been performed in accordance with the current requirements and the results are deemed to be acceptable. The appearance of the product is that of a clear light yellow liquid (19.4 °C), with a fruity odour. It is not explosive and has no oxidising properties. The product is not flammable/has a flash point of 80.5 °C. It has a self-ignition temperature of 382 °C. In aqueous solution, it has a pH value around 4.35 at 20.0 °C. There is no effect of low and high temperature on the stability of the formulation, since after 7 days at 0 °C, 14 days at 54 °C, and 8 weeks at 40 °C, neither the active ingredient content nor the technical properties were changed. The stability data indicate a shelf life of 3 years at ambient temperature when stored in COEX (HDPE/PA) and F-HDPE bottles. The technical characteristics of GF-3308 are acceptable for an emulsifiable concentrate formulation. The intended concentration of use is 0.67% to 2.0%.

3.2 Efficacy (Part B, Section 3)

3.2.1 Efficacy data

GF-3308 is an emulsifiable concentrate (EC) containing 50 g/L fenpicoxamid (DE-777). GF-3308 is efficacious against a wide range of foliar cereal diseases, including *Zymoseptoria tritici*, *Puccinia striiformis*, *Puccinia recondita* and *Rhynchosporium secalis*. GF-3308 is a protectant and curative fungicide with translaminar properties against diseases in wheat, rye and triticale. When GF-3308 is applied to the crop, it rapidly binds to the cuticular layers, remaining stable over time and thus acting as deposit for providing long term control of the target diseases.

This dossier is supported by 118 efficacy trials from Austria, Bulgaria, Czech Republic, Denmark, Germany, Hungary, Latvia, Poland, Romania, France and the United Kingdom. 64 of these trials are used to demonstrate the minimum effective dose (MED) in the countries of Maritime EPPO Zone (Czech Republic, Austria) and the proposed dose range for target diseases in North-East EPPO Zone (Poland) and South-East EPPO Zone (Romania and Slovakia) of the European Central Zone. MED data from the Maritime EPPO Zones demonstrates that GF-3308 at 2,0 L/ha is generally required for broad spectrum control of all disease in wheat, rye and triticale. In the North East EPPO Zone disease pressure of some diseases including *Zymoseptoria tritici* may be lower than in Maritime and so a dose range of 1,5 – 2,0 L/ha is proposed for *Zymoseptoria tritici* in wheat, *Zymoseptoria tritici* in triticale and *Rhynchosporium secalis* in rye. The 1,5 L/ha dose of GF-3308 provides moderate efficacy in the control of *Puccinia striiformis* and *Puccinia recondita* in all target cereal crops. Where rust pressure is higher the 2,0 L/ha dose delivers more consistent and higher levels of control. In order to offer growers flexibility to adjust dose rates according to disease pressure, a dose rate range on the Polish label from 1,5 L/ha to 2,0 L/ha is proposed for *Zymoseptoria tritici* in wheat and triticale and for *Rhynchosporium secalis* in rye. In the South-East EPPO Zones where growers cannot reduce the label dose, a dose rate range of 1,2 -2,0 L/ha is proposed for all diseases in wheat so that growers have an option to apply a reduced dose under lower disease pressure situations that can be more typical in this region. GF-3308 at 1,2 L/ha provides good control in lower pressure *Zymoseptoria tritici* situations, but under higher disease pressure situations or where rusts are a significant threat the 1,5 -2,0 L/ha dose is proposed. No application is made for use in rye and triticale in the South East EPPO Zone, as there is a low hectareage grown and there is no efficacy data available from this EPPO Zone.

The efficacious rates established in the MED trials for the control of *Zymoseptoria tritici*, *Puccinia striiformis*, *Puccinia recondita* and *Rhynchosporium secalis* were confirmed in 118 (81 TRZAW, 1 TRZAS, 18 SECCW, 18 TTLWI) efficacy trials carried out in the Maritime, North-East and South-East

EPPO Zones which are representative for countries of the European Central Zone. 44 trials were used to support more than one disease. Where a dose range is proposed for target diseases in North-East and South-East EPPO Zones, efficacy data from more than one dose of GF-3308 is sometimes provided in the efficacy tables and if not, it is available in the MED section for the lowest dose.

Across all the trials conducted in winter or spring wheat, winter rye and winter triticale, GF-3308 in the presence of disease consistently had a positive impact on the yield amount and the thousand-grain weight.

3.2.2 Information on the occurrence or possible occurrence of the development of resistance

GF-3308 contains fenpicoxamid which is the first and to date only member of a new picolinamides class of fungicides representing a novel mode of action within the cereal fungicide segment. Its target site has been identified as the Quinone Inside (Qi) site of the cytochrome bc1 (ubiquinone reductase) complex (complex III) in the electron transport chain.

This target site was confirmed by a combination of previously published literature references as well as in biochemical and molecular genetics studies. Biochemical binding assays were performed on a range of fungi including *Zymoseptoria tritici* whilst molecular genetic studies were performed using chemically induced resistant mutants of *Saccharomyces cerevisiae*. All artificially generated *S. cerevisiae* mutants resistant to fenpicoxamid have mutations in the cytochrome bc1 domain that affect the fenpicoxamid binding pocket. Attempts to generate similar mutations in *Zymoseptoria tritici* in the laboratory were not successful.

Fenpicoxamid is not cross resistant with other classes of fungicide chemistry used against key cereal pathogens including the succinate dehydrogenase inhibitors (SDHIs), strobilurins (QoIs), benzimidazoles (MBCs) and sterol biosynthesis inhibitors (SBIs). To reduce the risk of resistance developing, fenpicoxamid should be used only in a program-based approach using products with different modes of action. Fenpicoxamid, as with many single site modes of action should be used in accordance with FRAC guidelines where it is advised these molecules should be used in mixture with another product, recommended for control of the same target disease that contains a fungicide from a different cross resistance group which is applied at a dose that will give robust disease control. It is also important not to exceed the maximum number of one application as recommended on the label or to cut the label field rates proposed.

3.2.3 Adverse effects on treated crops

No phytotoxicity or adverse effects to treated crops at dose rates of GF-3308 up to 2,0 L/ha were found in any of the 118 effectiveness trials. EPPO PP 1/135(4) 'Phytotoxicity Assessment' states that no specific crop safety/selectivity trials to assess adverse effects on treated crops (yield and quality) are required, where no adverse effects have been reported in the effectiveness trials. However, some selectivity data are available and these have been included in this dossier for completeness.

In total 6 crop safety/selectivity trials were established to demonstrate the selectivity and yield effect of GF 3311 (previous formulation containing 66,7 g/L fenpicoxamid, delivering 100 g fenpicoxamid at 1,5 L product per hectare) applied in winter wheat and spring wheat. The trials carried out in France, Germany, Hungary, Poland and the United Kingdom to evaluate the crop selectivity of GF-3311 in wheat applied at the label rate of 1,5 L/ha and 3,0 L/ha as double rate. The results confirmed that GF 3311 at the rates tested is safe to wheat, yield quantity and quality, both, in the presence of low levels or

absence of disease. It was also established in these trials that GF-3311 will not negatively affect the germination ability of seeds. Additionally 1 screening trial was conducted in UK in 2016 to evaluate phytotoxicity after double application of GF-3308 at dose rate of 2,0 and 4,0 L/ha (worst case scenario) on 8 varieties of winter wheat and 1 variety of spring wheat. No phytotoxicity symptoms have been demonstrated in this trial, which confirms the safe use of GF-3308.

One study on yeast, four French bread making studies on wheat and two German brewing studies on wheat were established to assess the effect of GF 3308 on the transformation process. GF-3308 at 2,0 L/ha applied according to the proposed maximum dose in the GAP will have no negative effect on the quality of the yielded grain and the consecutive steps of the bread baking process. For brewing beer from wheat (in German Weißbier) the use of GF-3308 will not adversely affect the course of fermentation or the gustatory qualities of the resulting Weißbier.

3.2.4 Observations on other undesirable or unintended side-effects

In a normal crop rotation situation there will be no restriction with regard to following crops after a spring application of GF-3308 on cereals and hence any crop can be drilled in autumn or the following spring. GF-3308 applied at practical field rates has no herbicidal potential through residues in the soil and hence does not pose a risk to succeeding crops within a normal rotation or to replacements crops in case of a crop failure.

No negative effects on beneficial or non-target organisms were recorded in the numerous efficacy, selectivity and carry over field studies.

3.3 Methods of analysis (Part B, Section 5)

3.3.1 Analytical method for the formulation

The formulation is analyzed using a reverse phase liquid chromatographic method using UV detection and internal standard calibration. The method is valid over a range of 0.344–0.644 mg/mL for fenpicoxamid. The average recovery for fenpicoxamid over this range was 99.6%. The detector response was shown to be linear for fenpicoxamid and internal standard. Replicate analyses of GF-3308 formulation on two separate days gave a relative standard deviation of 0.72% at an average concentration of 4.62% fenpicoxamid. The accuracy, precision and linearity of the method have been shown to be acceptable.

3.3.2 Analytical methods for residues

EFSA in EFSA Journal 2018;16(1):5146 concluded:

“Fenpicoxamid residues and also its metabolite X642188 can be monitored in food and feed of plant origin by liquid chromatography with tandem mass spectrometry (LC–MS/MS) with limit of quantifications (LOQs) of 0.01 mg/kg in all plant commodity groups for each analyte. Monitoring residues of fenpicoxamid and metabolite X642188 in milk, meat, liver, fat and poultry egg can be performed using LC–MS/MS with LOQs of 0.01 mg/kg all matrices for both compounds. The residue definition for monitoring in soil and water was defined as fenpicoxamid and its metabolite X642188. Appropriate LC–MS/MS methods exist for monitoring fenpicoxamid and metabolite X642188 in soil and water with LOQs of 0.05 mg/kg and LOQs of 0.05 µg/L, respectively, for both analytes. Fenpicoxamid residues in air can be determined by LC–MS/MS with a LOQ of 1.39 µg/m³. Determination of residues of fenpicoxamid in urine and blood can be done by LC–MS/MS with a LOQ of 0.05 mg/L.”

List of End-point (UK, 2017):

Analytical methods for residues (Regulation (EU) N° 283/2013, Annex Part A, point 4.2 & point 7.4.2)

Residue definitions for monitoring purposes

Food of plant origin	XDE-777
Food of animal origin	No residue definition is proposed.
Soil	XDE-777 and metabolite X642188
Sediment	No data has been provided by the applicant and therefore it is not possible to set residue definition for sediment.
Water	XDE-777 and metabolite X642188
surface	XDE-777 and metabolite X642188
drinking/ground	XDE-777
Air	XDE-777
Body fluids and tissues	XDE-777

Monitoring/Enforcement methods

Food/feed of plant origin (analytical technique and LOQ for methods for monitoring purposes)	LC/MS/MS (ESI+) LOQ = 0.01 mg/kg for XDE-777 and its metabolite X642188 in plants (rye, lettuce, lemon and oilseed rape).
Food/feed of animal origin (analytical technique and LOQ for methods for monitoring purposes)	LC/MS/MS (ESI+) LOQ = 0.01 mg/kg for XDE-777 and its metabolite X642188 in plants and processed fractions (cereal grain and straw, lettuce, cabbage, orange, grapefruit, oil seed rape seed, olive, bran, flour, bread).
Soil (analytical technique and LOQ)	LC/MS/MS (ESI+) LOQ = 0.01 mg/kg for XDE-777 in animal (bovine milk, meat, liver and fat and poultry egg) LOQ = 0.01 mg/kg for the metabolite X642188 in animal (bovine milk, meat, liver and fat and poultry egg). LOQ = 0.01 mg/kg for the metabolite X12326349 in animal (bovine milk, liver and fat and poultry egg).
Water (analytical technique and LOQ)	LC/MS/MS (ESI+) LOQ = 0.05 mg/kg for XDE-777 and its metabolite X642188 in the four types of soil and in one type of sediment
Air (analytical technique and LOQ)	LC/MS/MS (ESI+) LOQ = 0.05 µg/L for XDE-777 and its metabolite X642188 in surface, ground and drinking water.
Body fluids and tissues (analytical technique and LOQ)	LC/MS/MS (ESI+) LOQ = 0.5 µg for XDE-777 equivalent to 1.39 µg/m ³ of ambient air and warm and humid air.
An overview on the acceptable methods for analysis of Fenpicoxamid in plant matrices is given in the following table. These studies have already been evaluated during the EU approval process of the active substance (EFSA 2018).	LC/MS/MS (ESI+) LOQ = 0.05 mg/L for XDE-777 in urine and blood

Table 3.3.2-1: Validated methods for food and feed of plant origin (required for all matrix types, “difficult” matrix only when indicated by intended GAP)

Component of residue definition: Fenpicoxamid				
Matrix type	Method type	Method LOQ	Principle of method (i.e. GC-MS or HPLC-UV)	Author(s), year / missing / EU agreed
High water content, high acid content, high oil content, high	Primary	0.01 mg/kg	LC-MS/MS	Watson, G., 2012, EU agreed
	ILV	0.01 mg/kg	LC-MS/MS	Chambers, J.; Jarrett, H., 2013, EU agreed

protein/high starch content (dry)	Multi-residue	0.01 mg/kg	LC-MS/MS	Linder, M. and Giesau, A., 2013, EU agreed
	Multi-residue ILV	0.01 mg/kg	LC-MS/MS	Amic, S., 2013, EU agreed

Applicant submitted several new methods used in support of ecotoxicology studies. An overview of these methods and their evaluations are presented in Appendix 2 of Part B5.

Sufficiently sensitive and selective analytical methods for post-authorization control and monitoring purposes are available for all analytes included in the residue definitions.

In SANTE/2020/12830, Rev.1 it is stated that analytical methods for monitoring residues in body fluids and tissues must be validated with the following matrix groups: - Body fluids (either blood, serum, plasma or urine), - Body tissues (either meat, liver or kidney).

For body tissues, a method for the determination of XDE-777 in bovine milk, meat, liver and fat and poultry egg with LOQ=0.01 mg/kg is available. This is acceptable.

For body fluids, a method for the determination of XDE-777 in urine and blood with LOQ = 0.05 mg/L is available. However, according to the SANTE/2020/12830, Rev.1 (24. February 2021), a lower LOQ is required for analytical methods for body fluids, the LOQ should be 0.01 mg/L instead of 0.05 mg/L (SANCO/825/00 rev. 8.1).

Information submitted by Applicant (February 2022):

“Since SANTE/2020/12830, Rev.1 was published on 24-February-2021, Corteva did not have the opportunity to validate a new body fluids method prior to submission date for this plant protection product (June 2021). We recognize the need to update the body fluids method to lower the LOQ to 0.01 mg/L and have a study planned for 2023. The new body fluids method will be presented as part of the active substance renewal dossier in 2025.”

Additionally, new study concerning extraction efficiency, conducted with using 3 different solvent systems, was submitted in the framework of this application (Study No. S20-01536; DAS Study No. 200456).

This study has proven the satisfactory extraction efficiency of the extraction used in the analytical methods (MOR Method/ DAS #120615, MRM Method/DAS # 120998) for the quantitative determination of residues of XDE-777 when compared with the NOR Method/DAS #110334 for fenpicoxamid (XDE-777) in banana, barley grain and oilseed rape seed matrices. The study is acceptable. Summary is presented in Appendix 2 of Part B5.

No additional data are required to support the intended uses for GF-3308.

3.4 Mammalian toxicology (Part B, Section 6)

3.4.1 Acute toxicity

No *in vivo* toxicology studies were conducted using GF-3308. Acute toxicity was evaluated as per the CLP 1272/2008 calculation method as well as the use of *in vitro* studies assessing dermal and ocular irritation. Both of the *in vitro* methods has not been considered in hazard assessment due to its no applicability for agrochemicals.

Based on the calculation method it can be concluded that GF-3308 would have low acute oral, dermal and inhalation toxicity. It is likely that GF-3308 would be irritating to both the skin and eyes and may cause respiratory irritation but would not be a dermal sensitizer. Therefore proposed classification regarding toxicology is:

- Skin irritation Cat 2 - H315
- Eye irritation Cat 1 - H318
- STOT single exp Cat 3 - H335

3.4.2 Operator exposure

Operator exposure estimations carried out using the EFSA Model indicated that the acceptable operator exposure level (AOEL) will not be exceeded under conditions of intended use and with the operator wearing appropriate workwear and PPE (gloves) for both mixing/loading and application.

Using the EFSA Model, the estimated exposure with PPE (gloves) was 14% of the AOEL for fenpicoxamid (43% of the AAOEL).

3.4.3 Worker exposure

Worker exposure estimations carried out using the EFSA Model indicated that the acceptable exposure level will not be exceeded under conditions of intended use and with the worker wearing appropriate workwear. Using the EFSA Model, the estimated exposures without PPE were $\leq 34\%$ (AOEL) for fenpicoxamid.

3.4.4 Bystander and resident exposure

Resident exposure estimations carried out using the EFSA Model indicated that the acceptable exposure level will not be exceeded under conditions of intended use. Using the EFSA Model, the highest estimated all pathways exposure for residents was 43% of the AOEL for fenpicoxamid.

For fenpicoxamid the highest predicted bystander exposure using the EFSA Model was 21% of the AAOEL for children (spray drift, 95th percentile).

3.5 Residues and consumer exposure (Part B, Section 7)

3.5.1 Residues

The EFSA proposed MRL for fenpicoxamid (XDE-777) in wheat, rye and triticale is based on a critical GAP of one application at a rate of 100 g ai/ha at growth stage no later than BBCH 69. The evaluation leading to the currently proposed MRL for fenpicoxamid in wheat, rye and triticale is presented in the EFSA, 2018¹. The critical GAP upon which the EU MRL for fenpicoxamid was set covers the uses of GF-3308 proposed in this submission.

The GAP proposed for GF-3308 results in a total maximum application rate for fenpicoxamid that is lower than the rate upon which the EU MRL is based (1 x 100 g ai/ha vs 2 x 130 g ai/ha). Both GAPs (GAP for GF-3308 vs GAP for representative use for EU approval) foresee the final application no later than BBCH 69. Consequently, the existing proposed EU MRL of 0.60 mg/kg for fenpicoxamid in wheat and rye covers the GAP proposed for GF-3308 uses in this submission. Intended uses of GF-3308 will not lead to residues exceeding the proposed EU MRL.

New magnitude of residue studies conducted with GF-3308 and other 3 Emulsifiable Concentrate formulations comparable to GF-3308 are submitted in the framework of this application (Study S1603318, Studies S15-02628, S14-01569, and S14-01568 & S15-02629, conducted on GF-3308, GF3309, GF-3312, and GF-3307, respectively). These studies are summarized in the Table below and the detailed assessment is presented in Appendix 2 of Part B7. Even being a higher total rate than the proposed cGAP for GF-3308, results show that this GAP will not lead to residues exceeding the proposed EU MRL.

GF-3312, GF-3309 and GF-3307 are all EC formulations and are similar to GF-3308. These formulations have the same coformulants and a fenpicoxamid content similar to GF-3308. Detailed comparison between GF-3312, GF-3309, GF-3307 and GF-3308 is provided in dRR Part C.

Sufficient trials on wheat were previously presented and evaluated (EFSA 2018). A summary of the all residue trials data for wheat is provided in the Table 3.5-1.

Conclusion

According to the available data, the intended use on wheat is considered acceptable, for outdoor uses. Wheat and rye are the major crops in northern Europe (SANTE/2019/12752). A minimum of eight trials are required. Based on the SANTE/2019/12752, 8 residue trials on wheat can be used for extrapolation to rye, triticale and spelt before and after forming of the edible part. So the uses are also considered acceptable on rye, triticale and spelt.

Available results show that the in force MRL of fenpicoxamid on wheat, rye, triticale and spelt of 0.6 mg/kg (Reg. (EU) 2019/50) will not be exceeded. The current EU MRL for fenpicoxamid is sufficient to support the proposed uses.

The trials are supported by valid storage stability data and validated analytical methods.

Table 3.5-1: Summary of EU reported and new data supporting the intended uses of GF-3308 and conformity to existing MRL

¹ EFSA Journal 2018;16(1):5146

Commodity	Source	Residue zone	Evaluation GAP Residue levels (mg/kg) E = according to enforcement residue definition RA = according to risk assessment residue definition	STMR (mg/kg)	HR (mg/kg)	Unrounded OECD calculator MRL (mg/kg)	Current EU MRL (mg/kg) *	MRL compliance
Wheat grain	EFSA 2018*	N-EU (16)	Trials GAP: 2 x 130 g as/ha, Appl. interval 14 d, 2 nd appl. at BBCH 69, outdoor E = RA: 0.015, 0.021, 0.022, 0.032, 0.034, 0.041, 0.050, 0.051, 0.067, 0.075, 0.110, 0.122, 0.127, 0.137, 0.149, 0.196	0.06	0.20	0.30 ^(a)	0.60	Yes
	New Trials on GF-3312 (Study S14-01569), GF-3309 (Study S1502628) and GF3307 (Study S1401568 and S1502629) ^(b)	N-EU (10)	Trials GAP: 2 x 100 g as/ha, Appl. interval 14 d, 2 nd appl. at BBCH 69, outdoor E = RA: 2x<0.01; 2 x 0.011; 2 x 0.014; 0.015; 0.021; 0.029; 0.064	0.014	0.064	0.09	0.60	Yes
	New Trials on GF-3308 (Study S1603318/DAS 160393)	N-EU (4)	Trials GAP: 1 x 75 g as/ha + 1 x 150 g as/ha, Appl. interval 14 d, 2 nd appl. at BBCH 69, outdoor E: 2x <0.01, 0.066, 0.107 RA: 2x <0.01, 0.066, 0.107	E: 0.04 RA: 0.04	E: 0.11 RA: 0.11	E: 0.30 RA: 0.30	E: 0.60 RA: 0.60	Yes
	EFSA 2018	S-EU (16)	Trials GAP: 2 x 130 g as/ha, Appl. interval 14 d, 2 nd appl. at BBCH 69, outdoor E = RA: 0.010, 0.021, 0.037, 0.040, 0.041, 0.042, 0.042, 0.047, 0.047, 0.052, 0.062, 0.063, 0.092, 0.098, 0.099, 0.545	0.05	0.55	0.60	0.60	Yes

Wheat Straw	EFSA 2018	N-EU (16)	Trials GAP: 2 x 130 g as/ha, Appl. interval 14 d, 2nd appl. at BBCH 69, outdoor E = RA: 2.015, 2.375, 3.499, 4.446, 4.947, 5.949, 6.126, 6.132, 6.516, 7.301, 7.703, 9.340, 9.473, 11.484, 13.761, 15.939	6.32	15.94	-	-	-
Commodity	Source	Residue zone	Evaluation GAP Residue levels (mg/kg) E = according to enforcement residue definition RA = according to risk assessment residue definition	STMR (mg/kg)	HR (mg/kg)	Unrounded OECD calculator MRL (mg/kg)	Current EU MRL (mg/kg) *	MRL compliance
	New Trials on GF-3312 (Study S14- 01569), GF-3309 (Study S1502628) and GF3307, (Study S1401568 and S1502629)	N-EU (10)	Trials GAP: 2 x 100 g as/ha, Appl. interval 14 d, 2 nd appl. at BBCH 69, outdoor E = RA: 0.80; 0.96; 1.33; 1.51; 1.52; 1.92; 2.62; 2.64; 4.05; 5.72	1.72	5.72	-	-	-
	New Trials on GF-3308 (Study S1603318/ DAS 160393)	N-EU (4)	Trials GAP: 1 x 75 g as/ha + 1 x 150 g as/ha, Appl. interval 14 d, 2 nd appl. at BBCH 69, outdoor E = RA: 0.537, 0.720, 1.702, 10.364	0.90	10.36	-	-	-
	EFSA 2018	S-EU (16)	Trials GAP: 2 x 130 g as/ha, Appl. interval 14 d, 2nd appl. at BBCH 69, outdoor E = RA: 4.053, 5.320, 6.159, 6.190, 6.669, 7.239, 7.632, 8.059, 8.570, 10.834, 11.104, 11.146, 11.203, 11.732, 12.005, 17.791	8.31	17.79	-	-	-

* Source of EU MRL: EFSA Journal 2018;16(1):5146 [27 pp].

- (a) According to EFSA 2018 document, wheat grain MRL in the NEU was set as 0.4 mg/kg due to the inputs from Risk assessment considering the previous residue definition (sum of fenpicoxamid and X642188, expressed as fenpicoxamid equivalents). The residue definition proposed for enforcement and risk assessment is now fenpicoxamid only, thus the MRL proposed in NEU for wheat grain is 0.3 mg/kg.
- (b) Among the trials submitted by the applicant, some were conducted side by side (2 or 3 trials on the same site at the same time). The results were therefore combined and the mean was retained.

3.5.2 Consumer exposure

TMDI (% ADI) according to EFSA PRIMo	13% (based on DK child)
IEDI (% ADI) according to EFSA PRIMo	N/A
IESTI (% ARfD) according to EFSA PRIMo*	Wheat: 0.5 % (based on children)
NTMDI (% ADI) **	N/A
NEDI (% ADI)**	N/A
NESTI (% ARfD) **	N/A

* include raw and processed commodities if both values are required for PRIMo

** if national model is available

The calculation of the TMDI using EFSA model (version 3.1) and MRLs values according to the Regulation (EU) 2019/50 led to a utilisation of the ADI of 13% with the DK child being the population group with the highest value. For this diet, the highest contributor is rye with 7% of the ADI. The intended uses will not result in a consumer chronic exposure exceeding the ADI.

An acute consumer risk assessment was performed based on the highest residue values (HR) of wheat, rye, triticale. The highest International Estimated Short-Term Intake (IESTI) is at 0.05% and 0.03% of the ARfD for the consumption of wheat by children and by adults respectively.

The data available are considered sufficient for risk assessment. The chronic and the short-term intakes of fenpicoxamid residues are unlikely to present a public health concern.

3.6 Environmental fate and behaviour (Part B, Section 8)

3.6.1 Predicted environmental concentrations in soil (PEC_{soil})

Soil exposure for fenpicoxamid and its relevant metabolites was calculated using approach described in respective FOCUS guidance for exaggerated application rate of 2x2.0 L product/ha, covering application rate intended in Poland (1x2.0 L product/ha). For all compounds, EU agreed data were taken into account. Where relevant, potential for accumulation in soil was considered. Soil exposure for the formulated product was also calculated. Obtained PEC_{soil} values were used in the risk assessment for soil organisms.

3.6.2 Predicted environmental concentrations in groundwater (PEC_{gw})

No groundwater modelling has been performed by the Applicant in order to specifically address leaching of fenpicoxamid and its metabolites following application of GF-3308. Instead, result of groundwater modelling performed during the EU review of fenpicoxamid and reported in EFSA Journal 2018;16(1):5146 were used as being protective for the intended uses of GF-3308 in the Central Zone.

This approach was agreed by the zRMS since the EU modelling with two applications at 130 g a.s./ha (rates reaching soil: 104+26 g a.s./ha) clearly represents worst case comparing to the Central Zone GAP with single application at 100 g a.s./ha (rate reaching soil: 20 g a.s./ha). It is noted that at the EU level 1st April has been assumed as the application date in all scenarios. According to the AppDate the application dates of GF-3308 would be between mid-March till beginning of May with exception of winter cereals in Porto with date of 30th January (see table above). However, the zRMS is of the opinion that uncertainty around application dates is covered by considerably higher application rates assumed in EU modelling.

Overall, based on results of EU modelling performed, no unacceptable leaching of fenpicoxamid and its metabolites is expected following application of GF-3308 according to the use pattern intended in the Central Zone.

3.6.3 Predicted environmental concentrations in surface water (PEC_{sw})

The surface water exposure was estimated using the respective FOCUS models. EU agreed endpoints and intended use pattern in Central Zone were considered. The surface water exposure to the formulated product was calculated using Spray Drift Calculator. Obtained PEC_{sw} values were used in the risk assessment for aquatic organisms.

3.6.4 Predicted environmental concentrations in air (PEC_{air})

The vapour pressure at 20°C of fenpicoxamid is <10⁻⁵ Pa. Hence the active substance is regarded as non-volatile from both soil and plant surfaces. Therefore, assessment of exposure of adjacent surface waters and terrestrial ecosystems by fenpicoxamid due to volatilization and subsequent deposition is not required.

3.7 Ecotoxicology (Part B, Section 9)

3.7.1 Effects on terrestrial vertebrates

TER_A and TER_{LT} values are above the Annex VI trigger values, therefore, there is acceptable acute and chronic risk to birds from fenpicoxamid, relevant metabolites, and GF-3308. There is low risk to birds from drinking water or consuming contaminated prey items.

TER_A and TER_{LT} values are above the Annex VI trigger values, therefore, there is acceptable acute and chronic risk to mammals from fenpicoxamid, relevant metabolites, and GF-3308. There is low risk to mammals from drinking water or consuming contaminated prey items.

Avian and mammalian TER_A and TER_{LT} values are above the Annex VI trigger values, therefore, there is acceptable acute and chronic risk to reptiles and amphibians (via surrogacy) from fenpicoxamid, relevant metabolites, and GF-3308.

3.7.2 Effects on aquatic species

Acceptable risk is demonstrated for fenpicoxamid, relevant metabolites, and GF-3308 in cereals at 1 x 2 L GF-3308/ha (equivalent to 100 g a.s./ha) with a:

- 10 m VFS + 75% DRN

3.7.3 Effects on bees

The HQ values for fenpicoxamid, relevant metabolites, and GF-3308 in honey bee are below the Annex VI trigger of 50; therefore, the acute oral and contact risk to honey bees is acceptable. Based on results of the tunnel study the risk to bees present in the field treated with GF-3308 at 2.0 L/ha could not be ruled out and following risk mitigation measures are proposed:

1. Do not apply when flowering weeds are present.
2. Do not apply when honeydew is present.
3. Do not use where bees are actively foraging.

The risk would be acceptable for bees present in adjacent crops or foraging on weeds in non-agricultural land, since the drift rate (2.77 g a.s./ha) is considerable lower than the lower tested rate of 65 g a.s./ha.

Concerned Member States must decide on applicability of the proposed RMM in their countries at the product authorisation.

3.7.4 Effects on other arthropod species other than bees

For fenpicoxamid, the tier 1 in- and off-field HQ values are below the Annex VI trigger of 2 for both indicator species, thus indicating that the active substance is of low risk to non-target arthropods at the maximum in-field application rate.

For GF-3308, the tier 2 in-field risk to soil-dwelling organisms is acceptable at the proposed GAP. Infield risk to foliar-dwelling organisms (*Coccinella* and *Aphidius*) is acceptable 0 and 13 days post application, respectively, when exposed to an exaggerated rate (i.e. 2 x 2 L GF-3308/L). Acceptable offfield risk is demonstrated for GF-3308 when used according to the proposed GAP.

3.7.5 Effects on soil organisms

TER_{LT} values for fenpicoxamid, relevant metabolites, and GF-3308 are above the Annex VI trigger value of 5 indicating there is acceptable chronic risk to earthworms, meso-, and macrofauna at the proposed GAP.

The maximum concentrations with less than 25% effects for the active ingredients, relevant metabolites, and formulation are greater than their respective PEC_{soil}. There will be no adverse effects to soil microflora when used at the proposed GAP.

3.7.6 Effects on non-target terrestrial plants

It can be concluded that the risk to non-target plants from the application of GF-3308 in cereals according to good agricultural practice is acceptable.

3.7.7 Effects on other terrestrial organisms (Flora and Fauna)

The risk to other terrestrial vertebrate wildlife (birds, mammals, reptiles, and amphibians) are covered by the assessments conducted in Bobwhite quail, rats, and rabbits. No additional risk is anticipated.

3.8 Relevance of metabolites (Part B, Section 10)

There are no metabolites of fenpicoxamid predicted to occur in groundwater at concentrations above 0.1 µg/L. Therefore, assessment of the relevance of these metabolites according to the stepwise procedure of the EC guidance document SANCO/221/2000 –rev.10 is not required.

4 Conclusion of the national comparative assessment (Art. 50 of Regulation (EC) No 1107/2009)

The active substance fenpicoxamid is not a candidate for substitution therefore the national comparative assessment is not required.

5 Further information to permit a decision to be made or to support a review of the conditions and restrictions associated with the authorization

None.

Appendix 1 Copy of the product authorization

Appendix 2 Copy of the product label

Komentarz oceniających: Etykieta została sprawdzona w zakresie fizykochemii, metod analitycznych, pozostałości, toksykologii i istotności toksykologicznej metabolitów, losu i zachowania, ekotoksykologii oraz skuteczności. Zmiany wynikające z oceny wprowadzono do poniższej etykiety w widoczny sposób, poprzez zaznaczenie ich szarym kolorem.

Zakres zmian jest następujący:

Sekcja właściwości fizykochemiczne:

1. Środek nie wykazuje właściwości wybuchowych i utleniających, znakowanie środka wynikające z wyżej wymienionych właściwości fizykochemicznych zgodnie z zapisami Rozporządzenia Parlamentu Europejskiego i Rady (WE) NR 1272/2008 z dnia 16 grudnia 2008r. nie jest wymagane.
2. Okres ważności: 3-lata w opakowaniach wykonanych z HDPE/PA i F-HDPE na podstawie wyników 3letnich badań stabilności. W związku z powyższym, wszystkie opakowania wymienione, w punkcie 4.1 Sekcji 1,2,4 oraz 2.1 dokumentu A można uznać za odpowiednie do celów transportu i magazynowania środka ochrony roślin.
3. Brak uwag do punktów dotyczących warunków przechowywania i bezpiecznego usuwania środka ochrony roślin i opakowania oraz sporządzania cieczy użytkowej.
4. Brak uwag do zapisu nazwy grupy chemicznej, do której przyporządkowano substancję czynną. Skorygowano zawartość substancji czynnej (zawartość substancji czynnej wyrażoną w procentach obliczono w oparciu o gęstość środka ochrony roślin 1,016 g/ml zgodnie z danymi zawartymi w punkcie 1.2.1 dokumentu C).
5. Zgodnie z informacjami zawartymi w punktach IIIA 2.9.1 i IIIA 2.9.2 Sekcji 1,2,4 Raportu Rejestracyjnego środek nie jest dedykowany do łącznego stosowania.

Sekcja skuteczność:

1. Na podstawie przedłożonych przez wnioskodawcę badań możliwa jest rejestracja środka GF-3308 / Questar do zwalczania septoriozy paskowanej liści, rdzy brunatnej, rdzy żółtej w pszenicy ozimej, septoriozy paskowanej liści, rdzy żółtej w pszenicy jarej, septoriozy paskowanej liści, rdzy żółtej w pszenicy ozimym oraz rynchosporiozy, rdzy brunatnej w życie ozimym w trybie art. 33 rozporządzenia 1107/2009.
2. Tabela GAP uwzględnia rejestrację środka w pszenicy jarej do ochrony przed rdzą brunatną. Powyższe zastosowanie wykreślono z etykiety środka z uwagi na brak badań skuteczności.
3. Tabela GAP uwzględnia rejestrację środka w pszenicy twardej, orkisz, pszenżycie jarym oraz życie jarym w trybie art. 33 rozporządzenia 1107/2009. Z uwagi na brak badań skuteczności wykonanych w tych uprawach, nie można ich zarejestrować w trybie artykułu 33. Z uwagi na to, że pszenica twarda, orkisz oraz żyto jare są wpisane na listę upraw małoobszarowych w rozporządzeniu Ministra Rolnictwa i Rozwoju Wsi z dnia 18 września 2019 r. zmieniającym rozporządzenie w sprawie zastosowań małoobszarowych środka ochrony roślin, można zarejestrować te 3 uprawy w trybie art. 51 rozporządzenia 1107/2009. Ponadto rdza żółta w pszenżycie jarym również jest wymieniona w powyższym rozporządzeniu jako zastosowanie małoobszarowe, dlatego również jest możliwość rejestracji powyższego zastosowania w trybie art.51. W etykiecie środka zaproponowano zapisy dla zastosowań małoobszarowych.
4. Biorąc pod uwagę wyniki badań skuteczności środka stosowanego w dawce 2,0 L/ha w zwalczaniu rdzy żółtej w pszenicy ozimej (średnia skuteczność ok. 71% na podstawie badań z Polski i Litwy oraz ok. 74% po zsumowaniu badań z Polski i Litwy z badaniami z Niemiec) wprowadzono zapis o średnim poziomie zwalczania choroby.
5. Wprowadzono zapis o stosowaniu niższej z zalecanych dawek 1,5 l/ha przy niższym nasileniu występowania choroby.
6. Usunięto zapis o wyłącznym stosowaniu środka w mieszaninach z innymi fungicydami w części dotyczącej zakresu stosowania środka z uwagi na to, że przedmiotem wniosku jest pojedyncze zastosowanie środka. Zalecenie łącznego stosowania środka w mieszaninach zbiornikowych z innymi fungicydami o innych mechanizmach działania zgodnie z rekomendacją FRAC ([group-21-\(c4\)---fenpicoxamid-\(qii\)recommendations-17th-of-april-2019.pdf](#) ([frac.info](#)), może być wskazane jako jedno z narzędzi strategii antyodpornościowej. Zmodyfikowano zapisy dla strategii zarządzania odpornością.

Sekcja metody analityczne:

1. Brak uwag.

Sekcja toksykologia i istotność toksykologiczna metabolitów:

1. W części dotyczącej klasyfikacji zagrożeń wprowadzono zwrot H335; w części dotyczącej zapobiegania zmodyfikowano zwrot P280, w części dotyczącej reagowania dodano zwrot P312,
2. W części dotyczącej środków ostrożności dla osób wykonujących zabieg agrochemiczny, pracowników oraz osób postronnych odpowiedni zapis zmodyfikowano zgodnie z wymaganiami harmonizacyjnymi (Min Rol. Toksykologia aktualizacja 26/10/2021) z uwzględnieniem szacowania NDE oraz klasyfikacji zagrożeń.

Sekcja pozostałości 1. Wprowadzono do etykiety zapis dotyczący roślin uprawianych następczo. „Okres od ostatniego zastosowania środka na rośliny do dnia, w którym można siać lub sadzić rośliny uprawiane następczo: Nie dotyczy”.

Sekcja los i zachowanie w środowisku:

1. Brak uwag do etykiety w zakresie losu i zachowania w środowisku.

Sekcja ekotoksykologia:

1. Dodano zwroty P391 i P501.
2. Poprawiono zwroty dotyczące zarządzania ryzykiem dla organizmów wodnych.
3. Dodano zwroty dotyczące zarządzania ryzykiem dla pszczoł.

Załącznik do zezwolenia MRiRW nr R- / z dnia 2021 r.

Posiadacz zezwolenia:

Corteva Agriscience Poland Sp. z o.o., ul. Józefa Piusa Dziekońskiego 1, 00-728 Warszawa, xxx

QUESTAR

Środek przeznaczony do stosowania przez użytkowników profesjonalnych

Zawartość substancji czynnej:

nazwa zwyczajowa substancji czynnej fenpikoksamid- INATREQ™ (związek z grupy pikolinamidów) – 50 g/l (4,92%) ~~(50%)~~

Zezwolenie MRiRW nr R – /2021 z dnia 2021 r.



Niebezpieczeństwo

H315	Działa drażniąco na skórę
H318	Powoduje poważne uszkodzenie oczu

H335	Może powodować podrażnienie dróg oddechowych
H410	Działa bardzo toksycznie na organizmy wodne, powodując długotrwałe skutki.
EUH401	W celu uniknięcia zagrożeń dla zdrowia ludzi i środowiska, należy postępować zgodnie z instrukcją użycia.
P261	Unikać wdychania mgły/par/rozpylonej cieczy.
P280	Stosować rękawice ochronne/ odzież ochronną ochronę oczu/ochronę twarzy.
P302 + P352	W PRZYPADKU KONTAKTU ZE SKÓRĄ: umyć dużą ilością wody/mydłem.
P305 + 351 + 338	W PRZYPADKU DOSTANIA SIĘ DO OCZU: Ostrożnie płukać wodą przez kilka minut. Wyjąć soczewki kontaktowe, jeżeli są i można je łatwo usunąć.
P312	W przypadku złego samopoczucia skontaktować się z OŚRODKIEM ZATRUĆ/lekarzem/...
P391	Zebrać wyciek
P501	Zawartość/pojemnik usuwać do recyklingu bądź składowania na składowiskach odpowiednich dla pestycydów lub spalania w odpowiednich instalacjach.

OPIS DZIAŁANIA

Środek grzybobójczy, w postaci koncentratu do sporządzania emulsji wodnej o działaniu systemicznym do stosowania zapobiegawczego oraz interwencyjnego w ochronie zbóż ozimych i jarych przed chorobami grzybowymi.

Opady deszczu występujące w godzinę po zabiegu nie mają wpływu na działanie środka. Środek zawiera substancję czynną fempikoksamid (grupa FRAC C4 nr 21).

STOSOWANIE ŚRODKA

Środek przeznaczony do stosowania przy użyciu opryskiwaczy polowych.

PSZENICA OZIMA, ~~PSZENICA JARA, PSZENICA TWARDA, ORKISZ~~

Septorioza paskowana liści

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 1,5- 2,0 l/ha.

Uwaga: Niższą z zalecanych dawek stosować w warunkach niskiego nasilenia występowania choroby

Rdza żółta, (średni poziom zwalczania), rdza brunatna liści pszenicy

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 2,0 l/ha.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

Odstęp między zabiegami: -

Termin stosowania: środek stosować zapobiegawczo lub z chwilą wystąpienia pierwszych objawów chorób od początku fazy strzelania w źdźbło do końca fazy kwitnienia (BBCH 30 – 69).

Zalecana ilość wody: 100-300 l/ha.

Zalecane opryskiwanie: drobnokropliste.

PSZENICA JARA

Septorioza paskowana liści

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 1,5- 2,0 l/ha.

Uwaga: Niższą z zalecanych dawek stosować w warunkach niskiego nasilenia występowania choroby

Rdza żółta

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 2,0 l/ha.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

Odstęp między zabiegami: -

Termin stosowania: środek stosować zapobiegawczo lub z chwilą wystąpienia pierwszych objawów chorób od początku fazy strzelania w źdźbło do końca fazy kwitnienia (BBCH 30 – 69).

Zalecana ilość wody: 100-300 l/ha.

Zalecane opryskiwanie: drobnokropliste.

PSZENŻYTO OZIME

Septorioza paskowana liści

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 1.5- 2,0 l/ha.

Uwaga: Niższą z zalecanych dawek stosować w warunkach niskiego nasilenia występowania choroby

Rdza żółta

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 2,0 l/ha.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

Odstęp między zabiegami: -

Termin stosowania: środek stosować zapobiegawczo lub z chwilą wystąpienia pierwszych objawów chorób od początku fazy strzelania w źdźbło do końca fazy kwitnienia (BBCH 30 – 69).

Zalecana ilość wody: 100-300 l/ha.

Zalecane opryskiwanie: drobnokropliste.

ŻYTO OZIME, ŻYTO JARE

Rynchosporioza zbóż

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 1.5- 2,0 l/ha.

Uwaga: Niższą z zalecanych dawek stosować w warunkach niskiego nasilenia występowania choroby

Rdza brunatna żyta

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana dawka do jednorazowego stosowania: 2,0 l/ha.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

Odstęp między zabiegami: -

Termin stosowania: środek stosować zapobiegawczo lub z chwilą wystąpienia pierwszych objawów chorób od początku fazy strzelania w źdźbło do końca fazy kwitnienia (BBCH 30 – 69).

Zalecana ilość wody: 100-300 l/ha.

Zalecane opryskiwanie: drobnokropliste.

~~Środek stosować wyłącznie w mieszaninach ze środkami zawierającymi substancje czynne o innych mechanizmach działania oraz w dawkach zapewniających pełną ochronę przed chorobami grzybowymi.~~

STOSOWANIE ŚRODKA OCHRONY ROŚLIN W UPRAWACH I ZASTOSOWANIACH MAŁOBSZAROWYCH

**Odpowiedzialność za skuteczność działania i fitotoksyczność środka ochrony roślin
stosowanego w uprawach małoobszarowych ponosi wyłącznie jego użytkownik**

PSZENICA TWARDA, ORKISZ

Septorioza paskowana liści

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana

dawka do jednorazowego stosowania: 1,5- 2,0 l/ha.

Uwaga: Niższą z zalecanych dawek stosować w warunkach niskiego nasilenia występowania choroby

Rdza żółta, rdza brunatna liści pszenicy

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha.

Zalecana dawka do jednorazowego stosowania: 2,0 l/ha.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

Odstęp między zabiegami: -

Termin stosowania: środek stosować zapobiegawczo lub z chwilą wystąpienia pierwszych objawów chorób od początku fazy strzelania w źdźbło do końca fazy kwitnienia (BBCH 30 – 69).

Zalecana ilość wody: 100-300 l/ha.

Zalecane opryskiwanie: drobnokropliste.

PSZENŻYTO JARE

Rdza żółta

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana

dawka do jednorazowego stosowania: 2,0 l/ha.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

Odstęp między zabiegami: -

Termin stosowania: środek stosować zapobiegawczo lub z chwilą wystąpienia pierwszych objawów chorób od początku fazy strzelania w źdźbło do końca fazy kwitnienia (BBCH 30 – 69).

Zalecana ilość wody: 100-300 l/ha.

Zalecane opryskiwanie: drobnokropliste.

ŻYTO JARE

Rynchosporioza zbóż

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana

dawka do jednorazowego stosowania: 1,5- 2,0 l/ha.

Uwaga: Niższą z zalecanych dawek stosować w warunkach niskiego nasilenia występowania choroby

Rdza brunatna żyta

Maksymalna dawka dla jednorazowego zastosowania: 2,0 l/ha. Zalecana

dawka do jednorazowego stosowania: 2,0 l/ha.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

Odstęp między zabiegami: -

Termin stosowania: środek stosować zapobiegawczo lub z chwilą wystąpienia pierwszych objawów chorób od początku fazy strzelania w źdźbło do końca fazy kwitnienia (BBCH 30 – 69).

Zalecana ilość wody: 100-300 l/ha.
Zalecane opryskiwanie: drobnokropliste.

ŚRODKI OSTROŻNOŚCI, OKRESY KARENCJI I SZCZEGÓLNE WARUNKI STOSOWANIA

Okres od ostatniego zastosowania środka do dnia zbioru rośliny uprawnej (okres karencji): Nie dotyczy.

Okres od ostatniego zastosowania środka na rośliny do dnia, w którym można siać lub sadzić rośliny uprawiane następnie: Nie dotyczy

Warunkiem skuteczności zabiegu jest dokładne pokrycie roślin cieczą użytkową.

Środek zawiera substancję czynną fenpikoksamid, inhibitor oddychania na poziomie komórkowym związek z grupy fungicydów Qil (FRAC grupa C4 nr 21).

Wielokrotne stosowanie środków grzybobójczych zawierających substancje czynne o tym samym mechanizmie działania może przyczynić się do wyselekcjonowania w populacji sprawcy choroby form odpornych i w konsekwencji do obniżenia skuteczności zabiegów z tego też względu w ramach strategii antyodpornościowej zaleca się:

~~— środek stosować wyłącznie w mieszaninach ze środkami zawierającymi substancje czynne o innych mechanizmach działania oraz w dawkach zapewniających pełną ochronę przed chorobami grzybowymi~~

środek stosować w mieszaninach ze środkami zawierającymi substancje czynne o innych mechanizmach działania, przeznaczonych do zwalczania tych samych patogenów oraz w dawkach zapewniających pełną ochronę przed chorobami grzybowymi. Stosować w programach ochrony z innymi środkami ochrony roślin (przemienne stosowanie środków o różnych mechanizmach działania)

- nie przekraczać dopuszczalnej liczby 1 zabiegu w sezonie wegetacyjnym
- stosować **głównie** zapobiegawczo ~~i interwencyjnie~~, w celu zwalczania wrażliwych chorób grzybowych, w zalecanych fazach rozwojowych roślin **oraz w zalecanych dawkach** - sprawdzać aktualne zalecenia dotyczące zarządzania odpornością fungicydów zbożowych

SPORZĄDZANIE CIECZY UŻYTKOWEJ

Ciecz użytkową przygotować bezpośrednio przed zastosowaniem.

Przed przystąpieniem do sporządzania cieczy użytkowej dokładnie ustalić potrzebną jej objętość wraz z ilością środka. Napełniając opryskiwacz postępować zgodnie z instrukcją producenta opryskiwacza. W przypadku braku instrukcji odmierzoną ilość środka dodać do zbiornika opryskiwacza napełnionego częściowo wodą (z włączonym mieszałem).

Opróżnione opakowania przepłukać trzykrotnie wodą, a popłuczyny wlać do zbiornika opryskiwacza z cieczą użytkową, uzupełnić wodą do potrzebnej ilości i dokładnie wymieszać.

W przypadku przerw w opryskiwaniu, przed ponownym przystąpieniem do pracy, ciecz użytkową w zbiorniku opryskiwacza dokładnie wymieszać.

POSTĘPOWANIE Z RESZTKAMI CIECZY UŻYTKOWEJ I MYCIE APARATURY

Resztki cieczy użytkowej należy: ☐ jeżeli jest to możliwe, po uprzednim rozcieńczeniu zużyć na powierzchni, na której przeprowadzono zabieg, lub

- ☐ unieszkodliwić z wykorzystaniem rozwiązań technicznych zapewniających biologiczną degradację substancji czynnych środków ochrony roślin, lub
- ☐ unieszkodliwić w inny sposób, zgodny z przepisami o odpadach.

Bezpośrednio po pracy aparaturę dokładnie wymyć oraz przepłukać wodą.

Z wodą użytą do mycia aparatury należy postąpić tak, jak z resztkami cieczy użytkowej, stosując te same środki ochrony osobistej.

ŚRODKI OSTROŻNOŚCI DLA OSÓB STOSUJĄCYCH ŚRODEK, PRACOWNIKÓW ORAZ OSÓB POSTRONNYCH

Przed zastosowaniem środka należy poinformować o tym fakcie wszystkie zainteresowane strony, które mogą być narażone na znoszenie cieczy użytkowej i które zwróciły się o taką informację.

Nie jeść, nie pić ani nie palić podczas używania produktu.

Unikać zanieczyszczenia skóry.

~~Stosować rękawice ochronne i odzież roboczą oraz ochronę dróg oddechowych w trakcie przygotowywania cieczy użytkowej.~~

~~Stosować rękawice ochronne i odzież roboczą w trakcie wykonywania zabiegu oraz wkraczania na obszar poddany zabiegowi.~~

Stosować rękawice ochronne, ochronę oczu i twarzy, ochronę dróg oddechowych i odzież roboczą (kombinezon), w trakcie przygotowywania cieczy użytkowej oraz w trakcie wykonywania zabiegu

Okres od zastosowania środka do dnia, w którym na obszar, na którym zastosowano środek mogą wejść ludzie oraz zostać wprowadzone zwierzęta (okres prewencji):

Nie wchodzić do czasu całkowitego wyschnięcia cieczy użytkowej na powierzchni roślin.

ŚRODKI OSTROŻNOŚCI ZWIĄZANE Z OCHRONĄ ŚRODOWISKA NATURALNEGO

Nie zanieczyszczać wód środkiem ochrony roślin lub jego opakowaniem. Nie myć aparatury w pobliżu wód powierzchniowych. Unikać zanieczyszczania wód poprzez rowy odwadniające z gospodarstw i dróg.

Unikać niezgodnego z przeznaczeniem uwalniania do środowiska.

W celu ochrony organizmów wodnych konieczne jest wyznaczenie zadarnionej strefy ochronnej o szerokości 10 m wraz z jednoczesną redukcją znosu z chmurą oprysku o 75% za pomocą odpowiednich technik antyznoszeniowych.

~~W celu ochrony organizmów wodnych konieczne jest wyznaczenie strefy ochronnej o szerokości 1 m od zbiorników i cieków wodnych.~~

W celu ochrony pszczół nie stosować gdy w roślinie uprawnej obecne są kwitnące chwasty lub spadź. Nie używać w miejscach gdzie pszczoły mają pożytek.

W celu ochrony roślin oraz stawonogów niebędących celem działania środka konieczne jest wyznaczenie strefy ochronnej o szerokości 1 m od terenów nieużytkowanych rolniczo.

WARUNKI PRZECHOWYWANIA I BEZPIECZNEGO USUWANIA ŚRODKA OCHRONY ROŚLIN I OPAKOWANIA

Chronić przed dziećmi. Środek ochrony roślin przechowywać:

- ☐ w oryginalnych opakowaniach,
- ☐ w sposób uniemożliwiający kontakt z żywnością, napojami lub paszą, skażenie środowiska oraz dostęp osób trzecich,

□ w temperaturze 0°C - 30°C.

Zabrania się wykorzystywania opróżnionych opakowań po środkach ochrony roślin do innych celów.

Niewykorzystany środek przekazać do podmiotu uprawnionego do odbierania odpadów niebezpiecznych.

Opróżnione opakowania po środku zwrócić do sprzedawcy środków ochrony roślin będących środkami niebezpiecznymi.

PIERWSZA POMOC

Antidotum: brak, stosować leczenie objawowe.

W razie konieczności zasięgnięcia porady lekarza, należy pokazać opakowanie lub etykietę.

W przypadku kontaktu ze skórą: umyć dużą ilością wody/mydłem.

W przypadku narażenia lub styczości: Zasięgnąć porady/zgłosić się pod opiekę lekarza.

W przypadku wystąpienia podrażnienia skóry lub wysypki: Zasięgnąć porady/zgłosić się pod opiekę lekarza.

Okres ważności - ~~2~~ 3 lata Data
produkcji -
Zawartość netto - Nr
partii -

Letter of Access

No letter of access is required.

Appendix 3 Lists of data considered for national authorization

List of data submitted by the applicant and relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.1 KCP 2.3.1 KCP 2.4.2 KCP 2.5.1 KCP 2.6.1	Jones, J.	2017	Determination of Color, Physical State, Odor, Oxidizing and Reducing Action, Flammability, pH, Viscosity, and Density of GF-3308, an End Use Product Containing Fenpicoxamid FAPC-G-161128 Dow AgroSciences LLC GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 2.2.1 KCP 2.2.2 KCP 2.3.3 KCP 2.5.2	Dunning, J.	2017	Determination of Surface Tension, Explosive Properties, AutoIgnition Temperature (liquids and gases), Oxidising Properties (liquids) and Kinematic Viscosity of GF-3308 NAFST-161215 Envigo CRS Ltd. GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 2.4.1 KCP 2.7.1 KCP 2.7.4	Tidwell, H.	2017	GF-3308 Two Week 54°C Accelerated Storage Stability and One Week 0°C Low Temperature Stability FOR-161192 Dow AgroSciences LLC GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 4	Dow AgroSciences	2018	Safety data sheet GF-3308 Dow AgroSciences nonGLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 2.7.2 KCP 2.8.2 KCP 2.8.6.2	Tidwell, H.	2017	GF-3308 Eight Week 40°C Accelerated Storage Stability in FHDPE and COEX FOR-161212 Dow AgroSciences LLC GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.7.5	Stoltz, V.	2019	Two Year Ambient Storage Stability of GF-3308 in PET and F-HDPE FOR-161195.02 Dow AgroSciences LLC GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 2.7.5	Stoltz, V.	2020	Three Year Ambient Storage Stability of GF-3308 in PET and F-HDPE FOR-161195 Dow AgroSciences LLC GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 2.11	Topham, D.	2018	Dow AgroSciences Clean Out Report for Fungicides: GF2925, GF-3307, GF-3308, GF-3309, GF-3312 LES 10126 Amega Sciences nonGLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6	Fones, H.; Gurr, S.	2015	The impact of Septoria tritici Blotch disease on wheat: An EU perspective. Fungal Genetics and Biology 79 (2015) 3-7	N	N		Public
KCP 6	Rehfus A, Prochnow J, Strobel D, Bryson R, Stammler G	2016	Sensitivitätssituation von Getreidepathogenen in Europa gegenüber Succinat-Dehydrogenase Inhibitoren (Sensitivity situation of cereal pathogens in Europe to succinate dehydrogenase inhibitors) 60. Deutsche Pflanzenschutztagung, Julius-Kühn-Archiv 454, Präsentation 32-3	N	N		Public
KCP 6	Ashby		Clarification of efficacy data requirements for the authorization of a fungicide for the control of Septoria leaf blotch (<i>Mycosphaerella graminicola</i> , SEPTTR) on winter wheat (<i>Triticum aestivum</i> , TRZAX) in the European Central authorization zone	N	N		Public

KCP 6.1/01 6.2/108	Cana, L.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU 2015. RO15E7B025AP01C NARDI FUNDULEA GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.1/02 6.2/109	Charlot, Y.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU 2015. FR15E7B025YC02 DOW AGROSCIENCES S.A.S. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/03	Crestani, D.	2013	Evaluation of XDE-777 (GF-2925 & GF-3135) applied for the control of SEPTTR in wheat in Southern Europe. 2013 IT13E7B012DC01 DOW AGROSCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/04	Fraser, J.	2015	What is the length of residual protection GF-3307 and GF-3309 provide when applied at a typical T2 timing against SEPTTR, UK 2015? GB15E7B052JF01 DOW AGROSCIENCES LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/05 6.2/110	Levasseur, T.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU FR15E7B025MC04C PHYLIAE, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.1/06	Mathieson, T, Kemmit, G	2014	Comparative mobility of three XDE-777 formulations and select commercial standards as measured by glasshouse bioassay with Puccinia recondita on wheat. DOW AGROSCIENCES internal report # 2024367 Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.1/07	Mathieson, T, Leader, A	2018	How does the efficacy of Inatreq formulation GF-3307 (a combination) and GF-3308 (solo) compare to market references when tested against Septoria tritici (SEPTTR) and Puccinia recondita (PUCCRT) in greenhouse conditions? DOW AGROSCIENCES internal report # 2051736, June 2018 Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/08	Myung K, Madary MW, Kemmit G, Annangudi SP, Yao C	2015	Effects of different formulations on retention, surface coverage, and uptake of XDE-777 in wheat plants. DOW AGROSCIENCES internal report # 2026067, February 2015. Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/09 6.2/111	Nistrup Jørgensen, L.	2015	XDE-777 straight and in combination with prothioconazole or pyraclostrobin for the control Fusarium head blight in wheat. EU 2015. DK15E7B018MN01C AARHUS UNIVERSITY FLAKKEBJERG, DK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/10 6.2/112	Olivier, F.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU 2015. FR15E7B025FO01 DOW AGROSCIENCES S.A.S. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.1/11	Owen, W.J. et al.	2011	XR-777 Discovery Advancement Report DOW AGROSCIENCES internal report # 2009830 Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/12 6.2/113	Packwood, J.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU 2015. GB15E7B025EB01C EUROFINS AGROSCIENCE SERVICES LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.1/13	Parker C.L.; Owen, J.	2013	Herbicide Activity of XDE-777 DOW AGROSCIENCES internal report # DAI 1177 Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/14 6.2/114	Varret, F.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU 2015. FR15E7B025MC03C STAPHYT, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/15	Wessels, F., Owen, J.	2013	Insecticidal Activity of XDE-777 DOW AGROSCIENCES internal report # DAI 1101 Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/16 6.2/115	Bezdicikova, A.	2016	The efficacy GF-3308 straight and mixture with partner fungicides for the control of foliar diseases of wheat. EU 2016 CZ16E7B038PV01C DITANA SPOL. S.R.O. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.1/17 6.2/116	Kasztner, G.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU 2015. HU15E7B025AB01C AGROFIL Szaktanacsado Mernoki Iroda Kft. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.1/18 6.2/117	Pawlak, A.	2016	What is the efficacy of Inatreq formulations under North East Europe conditions PL16E7B031AS02C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.1/19 6.2/118	Stephan, A.	2015	Comparative efficacy of XDE-777 formulations against SEPTTR in wheat. EU 2015. DE15E7B025AS01 DOW AGROSCIENCES GMBH, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/01	Babrik, Z.	2015	Efficacy and dose response of different XDE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ, . 2014. HU14E7B014AB01C AGROFIL, HU GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/02	Babrik, Z.	2015	What is the efficacy of DE-777 formulations against SEPTTR in wheat in South East Europe EPPO HU15E7B012AB01C DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/03	Babrik, Z.	2015	What is the efficacy of DE-777 formulations against SEPTTR in wheat in South East Europe EPPO HU15E7B012AB02C DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/04	Babrik, Z.	2015	Efficacy and dose response of different DE-777 + Prothioconazole/pyraclostrobin EC formulations for control of SEPTTR in wheat. EU CZ SE EPPO, 2015. HU15E7B040AB02C DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/05	Banachowska, J	2014	Efficacy of XDE-777 + prothioconazole and XDE-777 + pyraclostrobin formulations for control of Puccin on wheat: EU CZ, 2014. PL14E7B010AS02C IOR SOSNICOWICE, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/06	Banachowska, J.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in rye. Europe 2016. PL16E7B019AS01C IOR SOSNICOWICE, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/07	Banachowska, J.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in rye. Europe 2016. PL16E7B019AS02C IOR SOSNICOWICE, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/08	Beyreiss, S	2017	Evaluation of the minimum effective dose of XR-659 for the control of Septoria tritici in wheat and triticale and RHYNSE in rye. EU 2017. DE17G1C012UB03C EUROFINS AGROSCIENCE SERVICES GMBH, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/09	Beyreiss, S	2018	Evaluation of the minimum effective dose of XR-659 for the control of Septoria tritici in wheat and triticale and RHYNSE in rye, EU 2017 DE17G1C012UB02C EUROFINS AGROSCIENCE SERVICES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/10	Biro, A.	2014	Efficacy of XDE-777 + prothioconazole and XDE-777 + pyraclostrobin formulations for control of Puccinia in wheat: EU CZ, 2014 HU14E7B010AB01 DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/11	Biro, A.	2015	What is the efficacy of XDE-777 formulations against SEPTTR in wheat in South East Europe EPPO when applied as a single application. HU15E7B011AB01C DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/12	Biro, A.	2015	What is the efficacy of XDE-777 formulations against SEPTTR in wheat in South East Europe EPPO when applied as a single application. HU15E7B011AB02C DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/13	Biro, A.	2015	What is the efficacy of DE-777 formulations against SEPTTR in wheat in South East Europe EPPO HU15E7B012AB02 DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/14	Biro, A.	2016	Efficacy of Inatreq formulations against rusts and another various diseases in wheat. SE EPPO zone, 2016 HU16E7B029AB04 DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/15	Biro, A.	2017	Evaluation of the minimum effective dose of XR-659 for the control of <i>Septoria tritici</i> in wheat and triticale and RHYNSE in rye. EU 2017. HU17G1C012AB01 DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/16	Botoman, C.	2020	Benchmark local programs for GF-3308 / GF-3307. T1 to support low doses EA20E7B020F-DHT048 CORTEVA AGRISCIENCE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/17	Botoman, C..	2020	Comparable efficacy of GF-3307 (50+100 g ai/l) and a new ratio of fenpicoxamid+prothioconazole GF-4637 (40+80 g ai/l) against key diseases in wheat. EA20E7B035F-DHT074 CORTEVA AGRISCIENCE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/18	Bouffandeau, P-A.	2017	The efficacy of GF-3308 straight and in mixture with partner fungicides for the control of foliar diseases of wheat. GB16E7B038EB01C BIOTEK AGRICULTURE LTD GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/19	Bounds, P.	2015	To evaluate the efficacy of XDE-777+Pyraclostrobin (GF3309) mixtures against key cereal diseases. EU CZ, 2015 GB15E7B032EB01C ADAS, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/20	Burton, N.D..	2015	What is the efficacy of XDE-777 formulations against PUCGST compared to reference standards? GB15E7B015EB04C SUFFOLK & CAMBRIDGE CROP STATION LTD GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/21	Cana, L.	2016	Efficacy of Inatreq formulations compare DuPont cereal fungicide when applied against various diseases in wheat EU, 2016 RO16E7B046AP01C NARDI FUNDULEA GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/22	Cana, L.	2020	Benchmark local programs for GF-3308 / GF-3307. T1 to support low doses EA20E7B020F-DHT047 CORTEVA AGRISCIENCE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/23	Cana, L.	2020	Comparable efficacy of GF-3307 (50+100 g ai/l) and a new ratio of fenpicoxamid+prothioconazole GF-4637 (40+80 g ai/l) against key diseases in wheat. EA20E7B035F-DHT075 CORTEVA AGRISCIENCE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/24	Dietrich, W.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in rye. Europe 2016. DE16E7B019WD01 DOW AGROSCIENCES GMBH. DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/25	Donner, M.	2016	What is the efficacy of XDE-777 formulations against PUCST compared to reference standards, EU 2016? DE16E7B027DD01 DOW AGROSCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/26	Donner, M.	2016	Evaluation of the MED of GF-3308 for the control of <i>Septoria tritici</i> . EU 2016 DE16E7B037DD02 DOW AGROSCIENCES GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/27	Fisher, S.	2015	The efficacy of XDE-777 formulations compared to reference standards for control of PUCST in Europe? GB15E7B015EB01C ARMSTRONG FISHER LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/28	Frydrych, J.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312A for the control of PUCST. EU 2015. CZ15E7B014PV01C OSEVA PRO S.R.O. ODSTEPNY ZAVOD VYZKUMNY USTAV TRAVINARSKY ZUBRI. CZ GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/29	Good, R.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312A for the control of PUCST. EU 2015. GB15E7B014EB01C FIELD ARM LIMITED GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/30	Good, R.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312A for the control of PUCST. EU 2015. GB15E7B014EB03C FIELD ARM LIMITED GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/31	Hrabovsky, J.	2019	Evaluation of new formulation of Inatreq and Inatreq + Prothioconazole against foliar diseases in wheat. CZ Zone - 2018 CZ18E7B017PV01C ZEMĚDĚLSKÁ ZKUŠEBNÍ STANICE KUJAVY, S.R.O. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/32	Kiraly, B.	2016	Efficacy of Inatreq formulations compare DuPont cereal fungicide when applied against various diseases in wheat - EU, 2016 HU16E7B046AB01C BIOTEK Agriculture Hungary Kft. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/33	Maczynska, A.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ. 2014. PL14E7B028AS01C IOR SOSNICOWICE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/34	Menyhart, L.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/fenbuconazole EC formulations for control of foliar diseases in wheat. EU CZ, 2014. HU14E7B026LM01 DOW AGROSCIENCES, Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/35	Maczynska, A.	2015	What is the efficacy of XDE-777 formulations against SEPTTR in wheat in Poland and Baltics when applied as a repeat application PL15E7B041AS02C IOR SOSNICOWICE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/36	Menyhart, L.	2015	What is the efficacy of DE-777 formulations against SEPTTR in wheat in South East Europe EPPO when applied as a single application. HU15E7B011LM01 DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/37	Menyhart, L.	2016	Efficacy of Inatreq formulations against rusts and another various diseases in wheat. SE EPPO zone, 2016 HU16E7B029LM03 DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/38	Menyhart, L.	2016	Efficacy of Inatreq formulations when applied against various diseases in wheat in SE EPPO Zone HU16E7B030LM03 DOW AGROSCIENCES Hungary GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/39	Nistrup Jørgensen, L.	2015	What is the efficacy of XDE-777 products against SEPTTR at B33-69, when applied as a single application in northern European conditions? DK15E7B019MN02C AARHUS UNIVERSITY FLAKKEBJERG, DK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/40	Nistrup Jørgensen, L.	2016	What is the minimum effective dose of GF-3307, GF-3309 and GF-3308 against PUCST, NZ, 2016 DK16E7B002KF01C AARHUS UNIVERSITY FLAKKEBJERG, DK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/41	Nistrup Jørgensen, L.	2016	What is the minimum effective dose of GF-3307, GF-3309 and GF-3308 against PUCST, NZ, 2016 DK16E7B002KF02C AARHUS UNIVERSITY FLAKKEBJERG, DK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/42	Nistrup Jørgensen, L.	2016	What is the minimum effective dose of GF-3307, GF-3309 and GF-3308 against PUCST, NZ, 2016 DK16E7B002KF03C AARHUS UNIVERSITY FLAKKEBJERG, DK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/43	Pawlak, A.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ, . 2014. PL14E7B014AS03C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/44	Pawlak, A.	2015	XDE-777 formulations GF3308, GF-3307, GF-3309, GF-3312A for the control of PUCST and other cereal diseases. Poland 2015. PL15E7B022AS03C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/45	Pawlak, A.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in rye. Europe 2016. PL16E7B019AS04C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/46	Pawlak, A.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in rye. Europe 2016. PL16E7B019AS05C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/47	Pawlak, A.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in tritcale. Europe 2016. PL16E7B020AS04C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/48	Pawlak, A.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in tritcale. Europe 2016. PL16E7B020AS05C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/49	Pawlak, A.	2017	What Is The Efficacy Of Inatreq Formulations Under North East Europe Conditions PL16E7B031AS04C STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/50	Pszczolkowski, M.	2020	Efficacy of Inatreq on PUCCST in Triticale - Benchmark program, Europe, 2020. EA20E7B018F-DPF027 STAPHYT, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/51	Reisenhofer, A.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312A for the control of Puccrt. EU 2015. DE15E7B014UB06C ATC - AGRO TRIAL CENTER GMBH, AT GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/52	Rohr, J.	2014	What is the comparative efficacy of XDE-777 formulations GF-3311 (EC) and GF-2925 (SC) against SEPTTR in wheat? DE14E7B027UB01C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/53	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. EU 2015. DE15E7B002UB02C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/54	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in triticale. EU 2015. DE15E7B003UB01C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/55	Rohr, J.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312A for the control of Puccrt. EU 2015. DE15E7B014UB02C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/56	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. Germany 2015. DE15E7B033UB03C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/57	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. Germany 2015. DE15E7B033UB04C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/58	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in triticale. Germany 2015. DE15E7B034UB02C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/59	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in triticale. Germany 2015. DE15E7B034UB04C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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KCP 6.2/60	Rohr, J.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in rye. Europe 2016. DE16E7B019UB01C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/61	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. Germany 2015. DE15E7B033UB02C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/62	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. Germany 2015. DE15E7B033UB01C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/63	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. EU 2015. DE15E7B002UB03C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/64	Rohr, J.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. Germany 2015. DE15E7B033UB05C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/65	Rohr, J	2016	Internal Inatreq review in rye DE16E7B044DW01C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/66	Rohr, J	2016	How does the efficacy dose response of GF-3307 and GF-3309 against foliar diseases in triticale compare to the included reference product Proline? DE15E7B034UB03C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/67	Rohr, J.	2017	Evaluation of the minimum effective dose of XR-659 for the control of <i>Septoria tritici</i> in wheat and triticale and RHYNSE in rye. EU 2017.. DE17G1C012UB01C AGRITEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/68	Rohr, J.	2020	Efficacy and dose response of XDE-481 EC (GF-4480) and SC (GF-4505 + GF-4493) on <i>Puccinia striiformis</i> and other keydiseases in triticale. EU 2020 EA20F9B007F-DPE013 TRIAL-TEC GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/69	Rohr, J.	2020	Efficacy of Inatreq on PUCCST in Triticale - Benchmark program, Europe, 2020. EA20E7B018F-DNZ056 TRIAL-TEC GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/70	Rohr, J.	2020	Efficacy of Inatreq on Puccst in Triticale - Benchmark program, Europe, 2020. EA20E7B018F-DNZ057 TRIAL-TEC GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/71	Rohr, J.	2020	Efficacy of Inatreq on Puccst in Triticale - Benchmark program, Europe, 2020. EA20E7B018F-DNZ058 TRIAL-TEC GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/72	Rohr, J.	2020	Efficacy of Inatreq on Puccst in Triticale - Benchmark program, Europe, 2020. EA20E7B068F-DNZ074 TRIAL-TEC GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/73	Rohr, J.	2020	Efficacy of Inatreq on Puccst in Triticale - Benchmark program, Europe, 2020. EA20E7B068F-DNZ075 TRIAL-TEC GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/74	Roj, J.	2016	What is the efficacy of Inatreq formulations under North East Europe conditions PL16E7B031AS01C DOW AGROSCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/75	Roj, J.	2016	What is the efficacy of Inatreq formulations under North East Europe conditions PL16E7B031AS03C DOW AGROSCIENCES, Poland GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/76	Sawinska, Z.	2016	The efficacy GF-3308 straight and in mixture with partner fungicides for the control of foliar diseases of wheat. EU 2016. PL16E7B038AS01C POZNAN UNIVERSITY OF LIFE SCIENCES, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/77	Sawinska, Z.	2014	Efficacy of XDE-777 + prothioconazole and XDE-777 + pyraclostrobin formulations for control of Puccinia in wheat: EU CZ, 2014. PL14E7B010AS01C POZNAN UNIVERSITY OF LIFE SCIENCES, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/78	Sawinska, Z.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF-3312 for the control of Puccinia and other cereal diseases. Poland 2015. PL15E7B022AS01C POZNAN UNIVERSITY OF LIFE SCIENCES, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/79	Sawinska, Z.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312A for the control of Puccinia and other cereal diseases. Poland 2015. PL15E7B022AS02C POZNAN UNIVERSITY OF LIFE SCIENCES, PL GEP	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

			Unpublished				
KCP 6.2/80	Sawinska, Z.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in rye. Europe 2016. PL16E7B019AS03C POZNAN UNIVERSITY OF LIFE SCIENCES, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/81	Sawinska, Z.	2016	Dose response of DE-777+prothioconazole and DE777+pyraclostrobin and DE-777 straight for the control of foliar diseases in triticale. Europe 2016. PL16E7B020AS03C POZNAN UNIVERSITY OF LIFE SCIENCES, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/82	Sawinska, Z.	2020	Efficacy of Inatreq on Puccst in Triticale - Benchmark program, Europe, 2020. EA20E7B018F-DPF026 POZNAN UNIVERSITY OF LIFE SCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/83	Schnieder, F.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ, . 2014. DE14E7B014FS01 DOW AGROSCIENCES GMBH. DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/84	Schulz, T.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ. 2014. DE14E7B028TS01 DOW AGROSCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/85	Schulz, T.	2015	Dose response of XDE-777+prothioconazole and XDE-777+pyraclostrobin for the control of foliar diseases in rye. EU 2015. DE15E7B002TS01 DOW AGROSCIENCES GMBH. DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/86	Schultz, T	2017	Evaluation of the minimum effective dose of XR-659 for the control of <i>Septoria tritici</i> in wheat and triticale and RHYNSE in rye. EU 2017.. DE17G1C012TS01 DOW AGROSCIENCES GMBH. DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/87	Stephan, A.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312a for the control of Puccinia. EU 2015 DE15E7B014AS01 DOW AGROSCIENCES GMBH GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/88	Stephan, A	2017	Evaluation of the minimum effective dose of XR-659 for the control of <i>Septoria tritici</i> in wheat and triticale and RHYNSE in rye. EU 2017. DE17G1C012AS01 DOW AGROSCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/89	Stephan, A.	2020	What is the optimum dose of XDE-481 EC and fenpicoxamid EC in mixtures for <i>Septoria tritici</i> control in wheat? EA19F9B017F-DPE01 DOW AGROSCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/90	Stepien, A.	2014	Efficacy and dose response of different DE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ. 2014. PL14E7B028AS02C POZNAN UNIVERSITY OF LIFE SCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/91	Stepien, A.	2015	What is the efficacy of DE-777 formulations against SEPTTR in wheat in Poland and Baltics when applied as a repeat application PL15E7B041AS01C POZNAN UNIVERSITY OF LIFE SCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/92	Sawinska, Z.	2014	Efficacy and dose response of different DE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ, . 2014. PL14E7B014AS01C POZNAN UNIVERSITY OF LIFE SCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/93	Sawinska, Z.	2016	Efficacy of Inatreq formulations compare DuPont cereal fungicide when applied against various diseases in wheat – EU, 2016. PL16E7B046AS02C POZNAN UNIVERSITY OF LIFE SCIENCES GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/94	Treikale, O.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ. 2014. LV14E7B028MN02C LATVIAN PLANT PROTECTION RESEARCH CENTRE LTD. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/95	Treikale, O.	2015	What is the efficacy of XDE-777 products against SEPTTR at B33-69, when applied as a single application in northern European conditions? LV15E7B019MN03C LATVIAN PLANT PROTECTION RESEARCH CENTRE, LPPRC GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/96	Treikale, O.	2016	What is the efficacy of Inatreq formulations against diseases of wheat under North East Europe conditions? LV16E7B031KF03C LATVIAN PLANT PROTECTION RESEARCH CENTRE, LPPRC GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/97	Tuna, V.	2021	Benchmark local programs for GF-3308 / GF-3307. T1 to support low doses EA20E7B020F-DHT084 CORTEVA AGRISCIENCE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/98	Tuna, V.	2021	Benefit trials local programs for GF-3308. T2 to support low doses, Romania 2020. EA20E7B065F-DHT071 CORTEVA AGRISCIENCE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/99	Tvaruzek, L.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ. 2014. CZ14E7B028PV01C ZEMEDELSKY VYZKUMNY USTAV KROMERIZ, S.R.O. CZ GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/100	Tvaruzek, L.	2016	The efficacy GF-3308 straight and in mixture with partner fungicides for the control of foliar diseases of wheat. EU 2016. CZ16E7B038PV02C ZEMEDELSKY VYZKUMNY USTAV KROMERIZ, S.R.O. CZ GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/101	Von Appen, A	2016	Top 20, Triticale. EU 2016. DE16X02002FS01C EUROFINS AGROSCIENCE SERVICES GMBH, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/102	Vourkos, F.	2016	Efficacy of Inatreq formulations when applied against various diseases in wheat in SE EPPO Zone BG16E7B030VA01C ANADIAG Bulgaria Ltd GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.2/103	Vourkos, F.	2016	Efficacy of Inatreq formulations when applied against various diseases in wheat in SE EPPO Zone BG16E7B030VA02C ANADIAG Bulgaria Ltd GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/104	Wagner, G.	2014	Efficacy and dose response of different DE-777 + Prothioconazole/pyraclostrobin EC formulations for control of foliar diseases in wheat. EU CZ. 2014. EA14E7B028AB01C SYNTECH RESEARCH HUNGARY KFT. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/105	Wonckhaus, S	2020	Efficacy and dose response of XDE-481 EC (GF-4480) and SC (GF-4505 + GF-4493) on <i>Puccinia striiformis</i> and other key diseases in triticale. EU 2020 EA20F9B007F-DPE014 AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.2/106	Zickart, U.	2014	Efficacy and dose response of different XDE-777 + Prothioconazole/fenbuconazole EC formulations for control of foliar diseases in wheat. EU CZ, 2014. DE14E7B026UB01C BIOCHEM AGRAR. DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.2/107	Zoller, P.	2015	XDE-777 formulations GF-3308, GF-3307, GF-3309, GF3312A for the control of PUCCRT. EU 2015. DE15E7B014UB04C EUROFINS AGROSCIENCE SERVICES GMBH, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.3	Anonymous	2013	FRAC Pathogen Risk List, 2013 version. Online - http://www.frac.info/docs/default-source/publications/pathogen-risk/pathogen-risklist.pdf?sfvrsn=8		N		Public
KCP 6.3	Anonymous	2015	FRAC Code List, 2015 version . Online - http://www.frac.info/docs/default-source/publications/fraccode-list/frac-code-list-2015finalC2AD7AA36764.pdf?sfvrsn=4)		N		Public
KCP 6.3	Bayles RA, Stigwood PL, Clarkson JDS	2000	Shifts in sensitivity of <i>Puccinia striiformis</i> to DMI fungicides in the UK. <i>Acta Phyt. Entom. Hungarica</i> 35, 381-382		N		Public
KCP 6.3	Brasseur G, Saribas AS and Daldal F	1996	A compilation of mutations located in the cytochrome b subunit of the bacterial and mitochondrial bc1 complex. <i>Biochim. Biophys. Acta</i> 1275: 61-69		N		Public
KCP 6.3	Clark, W.	2005	QoI resistance in <i>Mycosphaerella graminicola</i> in the UK. Implications for future use of QoI fungicides. Proceedings of the BCPC International Congress, Crop Science and Technology 383-290		N		Public
KCP 6.3	Cools HJ, Bayon C, Atkins S, Lucas JA and Fraaije BA	2012	Over-expression of the sterol 14 α -demethylase gene (MgCYP51) in <i>Mycosphaerella graminicola</i> isolates confers a novel azole fungicide sensitivity phenotype. <i>Pest Management Science</i> 68, 1034-1040		N		Public

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KCP 6.3	Cools HJ, Fraaije BA	2013	Update on mechanisms of azole resistance in <i>Mycosphaerella graminicola</i> and implications for future control . <i>Pesticide Management Science</i> 69, 150-155		N		Public
KCP 6.3	Cools HJ, Mullins JGL, Fraaije BA, Parker JE, Kelly DE, Lucas JA and Kelly SL	2011	Impact of recently emerged sterol 14 α -demethylase (CYP51) variants of <i>Mycosphaerella graminicola</i> on azole fungicide sensitivity. <i>Applied and Environmental Microbiology</i> 77, 3830-3837		N		Public

KCP 6.3	Di Rago JP and Colson A-M	1988	Molecular basis for resistance to antimycin and diuron, Q-cycle inhibitors acting at the Qi site in the mitochondrial ubiquinolcytochrome c reductase in <i>Saccharomyces cerevisiae</i> . J. Biol. Chem. 263: 12564-12570		N		Public
KCP 6.3	Ding MG, Di Rago JP and Trumpower BL	2006	Investigating the Qn site of the cytochrome bc1 complex in <i>Saccharomyces cerevisiae</i> with mutants resistant to Ilicicolin H, a novel Qn site inhibitor. J. Biol. Chem. 281 (47): 3603636043		N		Public
KCP 6.3	Fehr et al.	2015	Binding of the respiratory chain inhibitor Ametocetradin to the mitochondrial bc1 complex. Pesticide Management Science		N		Public
KCP 6.3	Fisher N, Brown AC, Sexton G, Cook A, Windass J and Meunier B	2004	Modeling the Qo site of crop pathogens in <i>Saccharomyces cerevisiae</i> cytochrome b. Eur. J. Biochem. 271: 2264-2271		N		Public
KCP 6.3	Fraaije BA, Bayon C, Atkins S, Cools HJ, Lucas JA and Fraaije MW	2012	Risk assessment studies on Succinate Dehydrogenase Inhibitors, the new weapons in the battle to control Septoria leaf blotch in wheat. Molecular Plant Pathology 13, 263-275		N		Public
KCP 6.3	Fraaije BA, Cools HJ, Fountaine J, Lovell DJ, Motteram J, West JS and Lucas JA	2005	The role of ascospores in further spread of QoI-resistant cytochrome b alleles (G143A) in field populations of <i>Mycosphaerella graminicola</i> . Phytopathology 95, 933-941		N		Public
KCP 6.3	Fraaije BA, Lovell DJ, Rohel EA and Hollomon DW	1999	Rapid detection and diagnosis of Septoria tritici epidemics in wheat using a polymerase chain reaction/PicoGreen assay. Journal of Applied Microbiology 86, 701-708		N		Public
KCP 6.3	Gisi U, Sierotzki H	2008	Modern fungicides and antifungal compounds: 53. Deutsche Phytom. Ges. Braunschweig, Germany, 2008		N		Public

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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KCP 6.3	Hill P, Kessl K, Fisher N, Meshnick S, Trumpower BL and Meunier B.	2003	Recapitulation in <i>Saccharomyces cerevisiae</i> of cytochrome b mutations conferring resistance to atovaquone in <i>Pneumocystis jiroveci</i> . <i>Antimicrob. Agents Chemother.</i> 47: 2725-2731		N		Public
KCP 6.3	Huang L, Cobessi D, Tung EY and Berry EA	2005	Binding of the respiratory chain inhibitor antimycin to the mitochondrial bc1 complex: a new crystal structure reveals an altered intramolecular hydrogen-bonding pattern. <i>J. Mol. Biol.</i> 351: 573-597		N		Public
KCP 6.3	Kousik C.S. and Keinath, A P	2008	First report of insensitivity to cyazofamid among isolates of <i>Phytophthora capsici</i> from the South Eastern United States. <i>Plant Disease</i> 92. 979		N		Public
KCP 6.3	Lucas JA and Fraaije BA	2008	QoI resistance in <i>Mycosphaerella graminicola</i> : what have we learned so far? In: <i>Modern Fungicides and Antifungal Compounds V</i> (Dehne, H.W., Deising, H.B., Gisi, U., Kuck, K.-H., Russell, P.E. and Lyr, H., eds), pp. 71-77. Braunschweig, Germany: DPG		N		Public
KCP 6.3	Putrament A, Baranowska H, Ejchart A and Prazmo W	1975	Manganese mutagenesis in yeast. A practical application of manganese for the induction of mitochondrial antibiotic-resistant mutations. <i>J. Gen. Microbiol.</i> 90 :265-270		N		Public
KCP 6.3	Ueki M and Taniguchi M.	1997	The mode of action of UK-2A and UK-3A, novel antifungal antibiotics from <i>Streptomyces</i> sp. 517-02. <i>J. Antibiotics</i> 50: 1052-1057	N	N		Public
KCP 6.3/01	Kemmit, G.	2012	XDE-777 <i>Septoria tritici</i> (<i>Mycosphaerella graminicola</i>) sensitivity baseline generation Year 1 2011 season. DAS internal report # 2011920. non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.3/02	Kemmit, G.	2013	XDE-777 <i>Septoria tritici</i> (<i>Mycosphaerella graminicola</i>) sensitivity baseline generation Year 2 2012 season Europe. DAS internal report # 2020427. non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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KCP 6.3/03	Kemmit, G.	2014	XDE-777 <i>Septoria tritici</i> (<i>Mycosphaerella graminicola</i>) sensitivity baseline generation Year 3 2013 season Europe. DAS internal report # 2021524 non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.3/04	Kemmit, G.	2015	XDE-777 <i>Septoria tritici</i> (<i>Mycosphaerella graminicola</i>) sensitivity baseline generation Year 4 2014 season Europe. DAS internal report # 2025137. non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.3/05	Kemmit, G.	2015	Inatreq (DE-777) <i>Puccinia triticina</i> (Wheat Brown Rust) sensitivity baseline generation. Year 1 2015 season, Europe. DAS internal research report no. DAI 2032179 Non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.3/06	Myung K., Yao C., Owen, W., Meyer, K.G. and Nugent B.M.,	2011	Uptake, redistribution and metabolism of picolinamides (XR777 and UK-2A) and neo-picolinamides (X12072033 and X12070381) in wheat and <i>Septoria tritici</i> . DAS internal research report no. DAI 1074 Non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.3/07	Myung, K., Young, D., Meyer, S.T., Kemmitt, G., Owen, W.J.	2016	Metabolism of Inatreq™ active to UK-2A by <i>Zymoseptoria tritici</i> DAS internal research report no. DAI 1517 Non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.3/08	Owen, W.J. et al.	2011	XR-777 Discovery Advancement Report DOW AGROSCIENCES internal report DAI 1040 Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.3/09	Young D.H. and Wang N.	2005	Insights into the binding of UK-2A to cytochrome bc1 from cross-resistance analyses using antimycin-resistant <i>Saccharomyces cerevisiae</i> mutants and molecular docking studies. DAI 1077 non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.4/01	Babrik, Z.	2014	Selectivity of XDE-777 + Prothioconazole EC and XDE777+pyraclostrobin EC in cereals, 2014. EU HU14E7B016AB01C AGROFIL SZAKTANACSADO MERNOKI IRODA KFT. GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4/02	Banachowska, J.	2014	Selectivity of XDE-777 + Prothioconazole EC and XDE777+pyraclostrobin EC in cereals, 2014. EU PL14E7B016AS01C IOR SOSNICOWICE, PL GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4/03	Cunningham, A.	2014	Selectivity of XDE-777 + Prothioconazole EC and XDE777+pyraclostrobin EC in cereals, 2014. EU GB14E7B016EB02C OXFORD AG TRIALS, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4/04	Fisher, S.	2014	Selectivity of XDE-777 + Prothioconazole EC and XDE777+pyraclostrobin EC in cereals, 2014. EU GB14E7B016EB01C ARMSTRONG FISHER LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4/05	Hilton, R.	2016	Inatreq selectivity on cereal varieties GB16E7B077RH01 DOW AGROSCIENCES LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4/06	Tartier, J.	2014	Selectivity of XDE-777 + Prothioconazole EC and XDE777+pyraclostrobin EC in cereals, 2014. EU FR14E7B016MC02C BIOTEK AGRICULTURE. FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6.4/07	Zickart, U.	2014	Selectivity of XDE-777 + Prothioconazole EC and XDE777+pyraclostrobin EC in cereals, 2014. EU DE14E7B016UB01C BIOCHEM AGRAR. DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4.4/01	Kästner, K.	2016	Field study to generate specimen of Beer from RAC Wheat treated with GF-3307 or GF-3309 for subsequent triangle taint testing and determination of quality parameters, 2 Sites in Germany 2015 BIOCHEM Project No 15 1047 2114 GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4.4/02	Owen J, Slanec T	2015	Impact of carbon source on growth inhibition of <i>Saccharomyces cerevisiae</i> by XDE-777 and UK-2A Report DAI1399 DOW AGROSCIENCES INDIANAPOLIS Non GLP/non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4.4/03	Tartier, J.	2015	Evaluation of XDE-777 formulations in wheat with grain used for bread making. EU 2015. FR15E7B006MC01C BIOTEK AGRICULTURE, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.4.4/04	Tartier, J.	2015	Evaluation of XDE-777 formulations in wheat with grain used for bread making. EU 2015. FR15E7B006MC02C BIOTEK AGRICULTURE, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6.4.4/05	Tartier, J.	2015	Evaluation of XDE-777 formulations in wheat with grain used for bread making. EU 2015. FR15E7B006MC03C BIOTEK AGRICULTURE, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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KCP 6.4.4/06	Tartier, J.	2015	Evaluation of XDE-777 formulations in wheat with grain used for bread making. EU 2015. FR15E7B006MC04C BIOTEK AGRICULTURE, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.5/01	Strömel, C; Friedemann, A.	2016	GF-3308 (DE-777 50 g a.s/L, EC): A seedling emergence and seedling growth test with ten non target plant species, GLP Terrestrial Non Target Plants (based on OECD Guideline 208) – Europe 2016 AC/DOW/16/01 AGRO-CHECK GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.5/02	Strömel, C; Friedemann, A.	2017	GF-3308 (DE-777 50 g a.s/L, EC): A vegetative vigour test with ten non target plant species, GLP Terrestrial Non Target Plants (based on OECD Guideline 227) – Europe 2016 AC/DOW/16/02 AGRO-CHECK GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6.5/03	Topham, D.	2017	Dow AgroSciences Clean out report for fungicides: GF-2925, GF-3307, GF-3308, GF-3309, GF-3312 LES 101 26 AMEGA SCIENCES Non GEP	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

			Unpublished				
KCP 6 Other/ special studies	Beaucamp, M.	2017	What is the best Dupont fungicide partner with Inatreq formulations for broad spectrum disease control. EU 2017 FR17E7B048MC06C PHYLIAE, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6 Other/ special studies	Butler Ellis C, Lane A, Tuck C	2016	Characterisation of sprays and visualisation of deposits on surfaces Report S0140/1 SILSOE SPRAY APPLICATIONS UNIT LIMITED Non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Downey, S.	2015	EU 2015: Efficacy of GF-3307 and GF-3309 for the control of cereal diseases using LD Nozzles compared to std. Flat Fan nozzles at different water volumes GB15E7B030SD01 DOW AGROSCIENCES LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Fairfax, M.	2015	EU 2015: Efficacy of GF-3307 and GF-3309 for the control of cereal diseases using LD Nozzles compared to std. Flat Fan nozzles at different water volumes GB15E7B030MF01 DOW AGROSCIENCES LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6 Other/ special studies	Fairfax, M.	2017	What is the length of kickback of Inatreq products compared to market references, UK 2017 GB17E7B021MF01 DOW AGROSCIENCES LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Fairfax, M.	2017	To identify in antagonism occurs when Inatreq formulations are applied with multi-site fungicides for curative control of SEPTTR GB17E7B125MF01 DOW AGROSCIENCES LTD, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 6 Other/ special studies	Haigh, I.	2017	What is the best Dupont fungicide partner with Inatreq formulations for broad spectrum disease control. EU 2017 GB17E7B048EB02C FIELD ARM LIMITED GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Lane A, O'Sullivan C, Butler Ellis C	2017	Characterising deposits on plants for a range of formulations and application conditions Report S0181 SILSOE SPRAY APPLICATIONS UNIT LIMITED Non GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Mathieson, T. et all.	2016	Rainfast studies to compare the rainfast ability of new Dow AgroSciences fungicide formulations of DE-777(Inatreq) to current market fungicides DOW AGROSCIENCES LLC Non GEP/non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6 Other/ special studies	Quillet, M.	2017	What is the best Dupont fungicide partner with Inatreq formulations for broad spectrum disease control. EU 2017 FR17E7B048MC03C AGROLIS CONSULTING GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Rohr, H.	2014	Efficacy of GF-3307 and GF-2925 for the control of cereal diseases using LD Nozzles compared to Flat Fan nozzles at different water volumes. EU 2014 DE14E7B017UB01C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Rohr, J.	2016	Inatreq 063 internal use DE16E7B062FSC03C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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KCP 6 Other/ special studies	Rohr, J.	2017	What is the best Dupont fungicide partner with Inatreq formulations for broad spectrum disease control. EU 2017 DE17E7B048UB01C AGRARTEST, DE GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Thibault, A.	2017	What is the best Dupont fungicide partner with Inatreq formulations for broad spectrum disease control. EU 2017 FR17E7B048MC04C SYNTECH RESEARCH FR S.A.S. FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 6 Other/ special studies	Thorpe, A.	2017	What is the best Dupont fungicide partner with Inatreq formulations for broad spectrum disease control. EU 2017 GB17E7B048EB03C OXFORD AG TRIALS, UK GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 6 Other/ special studies	Touche, C.	2017	What is the best Dupont fungicide partner with Inatreq formulations for broad spectrum disease control. EU 2017 FR17E7B048MC05C STAPHYT, FR GEP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.1.1	Jones, J. Evenson, M.	2017	Analytical Method and Validation for the Determination of Fenpicoxamid in GF-3308 Formulation DAS Report No.: DAS-AM-G-161106 Dow AgroSciences LLC GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.1/2	Jacobson, P.	2018	Method Validation for the Determination of Degradants as Impurities (X12314005, X12019520, X12393285, X12335723) in GF-3308 DAS Report No.: DAS-AM-G-180924 Dow AgroSciences LLC GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 5.3.2.2/05	Senciuc, M.	2021	Cross-Validation – Comparing Amounts of Fenpicoxamid Extracted from Samples of Barley Grain, Oil Seed Rapeseed and Banana with Incurred Residues using 3 Different Solvent Systems Lab Study No S20-01536; Sponsor Study No. 200456 EAG Laboratories GmbH, Ulm, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 7.1.1/1	xxx	2017a	Acute Oral Toxicity Study of GF-3521 in Rats Company Report No: 161065 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 7.1.1/2	xxx	2018a	Acute Oral Toxicity Study of GF-3309 in Rats Company Report No: 180201 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP.7.1.2/1	xxx	2017b	Acute Dermal Toxicity Study of GF-3521 in Rats Company Report No: 161066 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP.7.1.2/2	xxx	2018b	Acute Dermal Toxicity Study of GF-3309 in Rats Company Report No: 180202 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 7.1.3/1	xxx	2017c	Acute Inhalation Toxicity Study of GF-3521 in Rats Company Report No: 161067 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP.7.1.3/2	xxx	2018c	Acute Inhalation Toxicity Study of GF-3309 in Rats Company Report No: 180206 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 7.1.4/1	Settivari, R. S., and Sosinski, L. K.	2016a	GF-3308: Evaluation of the Skin Irritation Potential Using the In Vitro EpiDerm Tissue Model Company Report No: 160427 Source Toxicology and Environmental Research and Consulting, The Dow Chemical Company, Midland, Michigan, USA non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 7.1.4/2	xxx	2017d	Acute Dermal Irritation Study of GF-3521 in Rabbits Company Report No: 161062 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP.7.1.4/3	xxx	2018d	Acute Dermal Irritation Study of GF-3309 in Rabbits Company Report No: 180203 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 7.1.5/1	Settivari, R. S., and Sosinski, L. K.	2016b	GF-3308: Evaluation of the Eye Irritation Potential Using the In Vitro EpiOcular Tissue Model Company Report No: 160426 Source: Toxicology and Environmental Research and Consulting, The Dow Chemical Company, Midland, Michigan, USA non GLP Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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KCP 7.1.5/2	xxx	2017e	Acute Eye Irritation Study of GF-3521 in Rabbits Company Report No: 161063 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP.7.1.5/3	xxx	2018e	Acute Eye Irritation Study of GF-3309 in Rabbits Company Report No: 180204 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 7.1.6/1	xxx	2017f	Skin Sensitisation Study of GF-3521 by Local Lymph Node Assay in Mice Company Report No: 161064 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP.7.1.6/2	xxx	2018f	Skin Sensitisation Study of GF-3309 by Local Lymph Node Assay in Mice Company Report No: 180205 Source: xxx GLP Unpublished	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.3.1/01	White, T.	2016	Determination of Residues of XDE-777 And Pyraclostrobin, After Two Applications of GF-3309 To Spring And Winter Wheat, At 5 Sites In Northern Europe And 5 Sites In Southern Europe, 2015 Report No. S15-02628, DAS Study ID 150650 Eurofins AgroScience Services, Wilson, Derbyshire DE73 1AG, UK GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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KCA 6.3.1/02	Eversfield, S.	2016	Determination of Residues of XDE-777 And Pyraclostrobin After Two Applications of GF-3312 And After Two Applications of GF-2925 In Winter Wheat And Spring Wheat At 4 Sites In Northern Europe And 4 Sites In Southern Europe In 2014 Report No. S14-01569, DAS Study ID 140648 Eurofins Agrosience Services, Wilson, Derbyshire, DE73 8AG, UK GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.3.1/03	Eversfield, S.	2016	Determination of Residues of XDE-777 and Prothioconazole after Two Applications of GF-3307 and after Two Applications of GF-3310 in Winter Wheat and Spring Wheat at 4 sites in Northern Europe and 4 sites in Southern Europe in 2014, Report No. S14-01568, DAS Study ID 140649, Eurofins Agrosience Services Ltd GLP, Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.3.1/04	White, T.	2016	Determination of Residues of XDE-777 and Prothioconazole after Two Applications of GF-3307 to Spring and Winter Wheat, at 5 sites in Northern Europe and 5 sites in Southern Europe, 2015, Report No. S15-02629, DAS Study ID 150649, Eurofins Agrosience Services Ltd GLP, Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.3.1/05	White, T.	2017	Determination of Residues of Fenpicoxamid (XDE-777) after Two Application of Gf-3308 to Spring And Winter Wheat, at 4 Sites in Northern Europe and 4 sites in Southern Europe, 2016. Report No: S16-03318, DAS Study ID 160393 Eurofins Agrosience Services Ltd GLP, Unpublished	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 9.2.5/01	Reeves, G	2018	Modelling the Predicted Environmental Concentrations of XDE-777 and its X642188 Metabolite in Surface Water and Sediment (FOCUS Steps 3 and 4) in the EU for Zonal Submission. Dow AgroSciences Report No. 151220 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.1.1.1/1	xxx	2016	GF-3308: An Acute Oral Toxicity Study with the Northern Bobwhite Using a Sequential Testing Procedure DAS# 160146 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.1/1	Bergfield, A.	2016	GF-3308: Growth Inhibition Test with the Unicellular Green Alga, Pseudokirchneriella subcapitata DAS# 160103 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.1/2	xxx	2016a	GF-3308: Acute Toxicity to the Rainbow Trout, Oncorhynchus mykiss, Determined Under Flow-Through Test Conditions DAS# 160101 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.1/3	Goudie, O.	2016b	GF-3308: Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static Renewal Test Conditions DAS# 160102 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 10.2.1/4	Goudie, O.J.	2018	X1642188 (a metabolite of XDE-777): Acute Toxicity Test to Cladoceran, Daphnia magna, Determined Under Flow-Through Test Conditions DAS# 180562 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.1/5	Goudie, O.J.	2020	GF-3307: A 48-Hour Static-Renewal Acute Toxicity Test with the Cladoceran (Daphnia magna) DAS Report No. 191366 Eurofins EAG Agrosience, LLC, Easton, Maryland, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.1/6	Goudie, O.J.	2021	GF-2925: A Static-Renewal Acute Toxicity Test with the Cladoceran (Daphnia magna) DAS Report No. 202284 Eurofins EAG Agrosience, LLC, Easton, Maryland, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.2.1/7	Hadsell, R. L., Hoover, E.	2014, revised 2018	GF 3307: Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions DAS Report No. 140489 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.1/8	xxx	2018a	X12019520 (a metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, Oncorhynchus mykiss, Determined Under Static-Renewal Test Conditions DAS# 180560 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 10.2.1/9	xxx	2018b	X12446477 (metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, <i>Oncorhynchus mykiss</i> , Determined Under Static-Renewal Test Conditions DAS# 180561 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.2/1	Beasley, J.	2018	X1642188 (a metabolite of XDE-777): Chronic Toxicity in Whole Sediment to Freshwater Midge, <i>Chironomus riparius</i> , Using Spiked Sediment DAS# 180563 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.2/2	Dinehart, S.	2019	X642188 (a metabolite of XDE-777): A Prolonged Sediment Toxicity Test with <i>Lumbriculus variegatus</i> Using Spiked Sediment DAS Study No. 180639 Eurofins EAG Agroscience, LLC, Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.2/3	Leak, T.	2018	X12335723 (a metabolite of XDE-777): Chronic Toxicity in Whole Sediment to Freshwater Midge, <i>Chironomus riparius</i> , Using Spiked Sediment DAS# 180564 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 10.2.3/1	Blickley, T.M., Kramer, V.J.	2018	X12433979 (a metabolite of XDE-777): Prediction of Octanol-Water Partition Coefficient and Aquatic Toxicity using Computerized Quantitative Structure-Activity Relationships DAS# 180910 Dow AgroSciences, LLC, Zionsville, Indiana, USA GLP/GEP (Y/N): No Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 10.2.3/2	Hicks, S.	2016	GF-3308: Population Effects Study in an Indoor Aquatic Microcosm with Daphnia magna DAS# 160126 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.3/3	Hicks, S.	2017	XDE-777: Population Effects Study in an Indoor Aquatic Microcosm with Daphnia magna DAS# 160125 ABC Laboratories, Inc., Columbia, Missouri, USA GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.3/4	Mathieson, T.	2018	Efficacy of XDE-777 metabolites to Septoria tritici on wheat DAS# NA Dow AgroSciences, LLC, Zionsville, Indiana, USA GLP/GEP (Y/N): No Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.2.3/5	Yao, C.	2014	Septoria tritici Biological Screening Report for Five Metabolites of XDE-777 DAS# DAI 1370 Dow AgroSciences, LLC, Zionsville, Indiana, USA GLP/GEP (Y/N): No Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 10.3.1.1/1	Schmitzer, S.	2016	GF-3308: Acute contact and oral effects on honeybees (<i>Apis mellifera</i> L.) in the laboratory DAS# 160184 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.3.1.2/1	Verge. E.	2020	GF-3308 - Honey Bee (<i>Apis mellifera</i> L.) 22 Day Larval Toxicity Test (Repeated Exposure) DAS# 190305 Eurofins Agrosience Services Ecotox GmbH, Eutinger Str. 24, D-75223 Niefern-Öschelbronn, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 10.3.1.2/2	Verge. E.	2017	GF-3308 - Assessment of Effects on the Adult Honey Bee, <i>Apis mellifera</i> L., in a 10 Day Chronic Feeding Test under Laboratory Conditions DAS# 160522 Eurofins Agrosience Services EcoChem / Eurofins Agrosience Services Ecotox GmbH GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.3.1.5/1	Kleinhenz, M.	2017	GF-3308 (XDE-777): Brood Development of the Honey Bee (<i>Apis mellifera</i> L.) in a Semi-Field Tunnel Study in <i>Phacelia tanacetifolia</i> in Germany 2016 DAS# 160515 Eurofins Agrosience Services EcoChem GmbH / Eurofins Agrosience Services Ecotox GmbH, Niefern-Öschelbronn, Germany GLP: Yes Published: No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 10.3.2.1/1	Moll, M.	2016a	GF-3308: Effects on the Parasitoid <i>Aphidius rhopalosiphi</i> in the Laboratory (Tier I) - Dose Response Test DAS# 160185 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.3.2.1/2	Moll, M.	2016b	GF-3308: Effects on the Predatory Mite <i>Typhlodromus pyri</i> in the Laboratory (Tier I) - Dose Response Test DAS# 160188 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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KCP 10.3.2.1/3	Vaughan, R.	2016	GF-3308: A laboratory test to evaluate the effects of fresh residues on the green lacewing, <i>Chrysoperla carnea</i> (Neuroptera, Chrysopidae) DAS# 160216 Mambo-Tox Ltd.Southampton SO16 7NP, UK GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.3.2.2/1	Moll, M.	2016c	GF-3308: Effects on the Parasitoid <i>Aphidius rhopalosiphi</i> , Extended Laboratory Study (Tier II) - Dose Response Test DAS# 160186 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 10.3.2.2/2	Moll, M.	2016d	GF-3308: Effects on the Predatory Mite Typhlodromus pyri, Extended Laboratory Study (Tier II) - Dose Response Test DAS# 160189 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.3.2.2/3	Schmidt, T.	2016a	GF-3308: Effects on mortality and reproduction to Coccinella septempunctata L. (Coleoptera: Coccinellidae) under extended Laboratory Conditions DAS# 160162 Innovative Enivironmental Services (IES) Ltd, Witterswil, Switzerland GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.3.2.2/4	Schmidt, T.	2016b	GF-3308: Toxicity to the Parasitoid Rove Beetle Aleochara bilineata (Coleoptera: Staphylinidae) under Extended Laboratory DAS# 160161 Innovative Enivironmental Services (IES) Ltd, Witterswil, Switzerland GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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KCP 10.3.2.2/5	Tew, G.	2020	GF-3308: A Rate-Response Extended Laboratory Study of the Effects of Freshly Treated Substrate on the Rove Beetle, Aleochara bilineata (Coleoptera, Staphylinidae) DAS#200611 Mambo Tox, A Division of Cawood Scientific Ltd., Southampton, UK GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 10.3.2.3/1	Moll, M.	2016e	GF-3308: Effects on the Parasitoid <i>Aphidius rhopalosiphi</i> , Extended Laboratory Study (Tier II) - Aged Residue Test DAS# 160187 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.3.2.3/2	Vaughan, R.	2017	GF-3308: Aged-residue extended laboratory tests to determine effects on the ladybird beetle, <i>Coccinella septempunctata</i> (Coleoptera, Coccinellidae) DAS# 170779 Mambo-Tox Ltd.Southampton SO16 7NP, UK GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.4.1.1/1	Ganßmann, M.	2016a	GF-3308: Effects on Reproduction and Growth of Earthworms <i>Eisenia fetida</i> in Artificial Soil with 10% peat DAS# 160193 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.4.1.2/1	Ganßmann, M.	2016b	GF-3308: Effects on Reproduction of the Collembola <i>Folsomia candida</i> in Artificial Soil with 5% Peat DAS# 160191 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 10.4.1.2/2	Ganßmann, M.	2016c	GF-3308: Effects on Reproduction of the Predatory Mite <i>Hypoaspis aculeifer</i> in Artificial Soil with 5% Peat DAS# 160192 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

			Published (Y/N): No				
KCP 10.5/1	Hammesfahr, U.	2016	GF-3308: Effects on the Activity of the Soil Microflora in the Laboratory DAS# 160194 Institut für Biologische Analytik und Consulting IBACON GmbH, 64380 Rossdorf, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.6.2/1	Stromel, Friedemann	2016a	GF-3308 (DE-777 50 g a.s/L, EC): A Vegetative Vigour Test with ten Non Target Plant Species, GLP Terrestrial Non Target Plants (based on OECD Guideline 227) – Europe 2016 DAS# 160372 agro-check Dr. Teresiak & Erdmann GbR, Dorfstr.15D-16833 Lentzke, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 10.6.2/2	Stromel, Friedemann	2016b	GF-3308 (DE-777 50 g a.s/L, EC): A Seedling Emergence and Seedling Growth Test with ten Non Target Plant Species, GLP Terrestrial Non Target Plants (based on OECD Guideline 208) – Europe 2016 DAS# 160373 agro-check Dr. Teresiak & Erdmann GbR, Dorfstr.15D-16833 Lentzke, Germany GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

List of data submitted or referred to by the applicant and relied on, but already evaluated at EU peer review

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CA 1.11/1	Kerbleski HK Hamilton T Crispin TA Birk KH Ring CD Zhang L Yusuf S Xiang F Gobbi GC	2013	Batch Analysis Study for XDE-777 Technical DAS Report No.: ML AL-2013-005807 The Dow Chemical Company GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/2	Crouse C Godbey J Simo	2010	Determination of Purity and Identity of TSN003571-0001, XR- 777 Technical Grade Active Ingredient-Tox DAS Report No.: FAPC10-247744 The Dow Chemical Company GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/3	Kerbleski HK And el	2013	Determination of Purity and Identity of TSN303159, XDE-777 Technical Grade Active Ingredient-Tox DAS Report No.: FAPC12-000594 The Dow Chemical Company GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/4	Von Wald G And el	2012	Analysis of the Purity of XDE-777 from the Carbonate Removal Campaign at the 969 Pilot Plant in January of 2012 using Liquid Chromatography DAS Report No.: AL- 2012-004219 The Dow Chemical Company Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner

CA 1.11/5	Von Wald G Lehr, S.	2013	Chloromethyl isobutyrate Concentration in Typical Lots of XDE-777 measured by Headspace Gas Chromatography DAS Report No.: AL-2013-014264 The Dow Chemical Company Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/6	Kerbleski H.	2013	Formaldehyde Concentration in Typical and Toxicological Lots of XDE-777 Technical by HPLC DAS Report No.: AL-2013-016296 The Dow Chemical Company Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/7	Frank, A.	2013	To Whom it may concern: Analysis of formaldehyde and CMIB Dow AgroSciences LLC Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/8	Maguire, A. and Wilson, D	2014	Impurities QSAR Files (Compilation of OASIS (.pdf)/DEREK (.doc) reports and.mol files) The Dow Chemical Company Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/9	Jones, J.	2016a	Certificate of analysis for test/reference/control substances (TSN303161) DAS Report No.: FAPC16-000472 Dow AgroSciences LLC Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 1.11/9	Waine C and Watts P (BIBRA report)	2015	Expert assessment of the genotoxicity of two compounds related to the pesticide XDE-777 GLP : not applicable Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 1.11/10	Jones, J.	2016b	Certificate of analysis for test/reference/control substances (TSN302214) DAS Report No.:FAPC-000473 Dow AgroSciences LLC Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 4.1.1/2	Kerbleski HK Hamilton TD Birk KH Zhang L	2013	Analytical Method and Validation for the Determination of Active Ingredient and Impurities in XDE-777 Technical by Liquid Chromatography DAS Report No.: ML AL-2013-005479 The Dow Chemical Company GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 4.1.1/3	Crispin TA Hamilton TD	2013	Analytical Method and Validation for the Determination of Residual Solvents and Process Impurities in XDE-777 Technical by Gas Chromatography DAS Report No.: ML AL-2013-005805 The Dow Chemical Company GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 4.1.1/2	Frank, A	2016	Analytical Method and Validation for the Determination of Impurities in DE-777 Technical Grade Material DAS Report No.: DAS-AM-G-15-32 The Dow Chemical Company GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 2.1/1 CA 2.3/1	Moe TE	2012a	Determination of Color, Physical State, Odor, Melting Point and Decomposition Temperature of XDE-777 Pure Active Ingredient Dow AgroSciences LLC DAS Report No.: FAPC-G-12-29 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 2.2/1	Comb AL	2012a	Determination of Vapour Pressure of XDE-777 Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-114 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.2/2	Frank A	2013	Calculation of the Henrys Law Constants for XDE-777 from Unbuffered and pH 5, 7, and 9 Buffered Water DATA GUIDELINE European Regulation (EC) No 11072009, OECD Point 2.3.2 Dow AgroSciences LLC DAS Report No.: NAFST-12-227 Non GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.3/2	Moe TE	2012b	Determination of Color, Odor, Physical State, Oxidizing and Reducing Action, Explodability, pH and Bulk Density of XDE777 Technical Grade Active Ingredient Dow AgroSciences LLC DAS Report No.: FAPC-G-12-30 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 2.3/3	Moe TE	2012c	Determination of Color, Odor, Physical State, Oxidizing and Reducing Action, Explodability, pH and Bulk Density of XDE777 Technical Grade Active Ingredient Dow AgroSciences LLC DAS Report No.: FAPC-G-12-31 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.4/1	Elliott T	2014	X772777: Determination of Spectral Characteristics (UVVisible Absorption and Molar Absorptivities, Mass Spectrum, Infrared Spectrum, and NMR) (Revision) ABC Laboratories, Inc. DAS Report No.: NAFST-12-223 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 2.5/1	Comb AL	2012b	Determination of Water Solubility for XDE-777 Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-110 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.6/1	Comb AL	2012c	Determination of Organic Solvent Solubility for XDE-777 TGAI Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-11-352 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 2.6/2	Comb AL	2012d	Determination of Organic Solvent Solubility for XDE-777 TGAI Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-137 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.7/1	Comb AL	2012e	Determination of Octanol/Water Partition Coefficient for XDE777 by Shake Flask Method Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-111 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.8/1	Comb AL	2012f	Determination of Dissociation Constant of XDE-777 Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-112 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 2.9/1 CA 2.11/1 CA 2.12/1 CA 2.13/1	Comb AL	2012g	Determination of Surface Tension, Flammability (solids), Explosive Properties, Relative Self-Ignition Temperature for Solids and Oxidising Properties for XDE-777 TGAI Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-11-351 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 2.9/2 CA 2.11/2 CA 2.12/2 CA 2.13/2	Comb AL	2012h	Determination of Surface Tension, Flammability (solids), Explosive Properties, Relative Self-Ignition Temperature for Solids and Oxidising Properties for XDE-777 TGAI Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-136 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.14/1	Comb AL	2012i	Determination of Relative Density of XDE-777 Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-113 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 2.14/2	Xiong Q Lewer P Graupner PG Frank A Pearson DL	2013	Determination of the Absolute Configuration of XDE-777 Using Vibrational Circular Dichroism (VCO) DAS Report No.: DAI 1277 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 2.1/1 CP 2.3/1 CP 2.4/1 CP 2.5/1 CP 2.6/1	Moe TE	2012	Determination of Color, Odor, Physical State, Oxidizing and Reducing Action, Flashpoint, Explodability, pH, Viscosity, and Density of GF-2925, an End Use Product Containing XDE-777 Dow AgroSciences LLC DAS Report No.: FAPC-G-12-52 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CP 2.2/1 CP 2.3/2 CP 2.5/2	Comb AL	2012	Determination of Surface Tension, Explosive Properties, Auto-Ignition Temperature (liquids and gases) and Oxidising Properties (liquids) of GF-2925 Huntingdon Life Sciences Ltd. DAS Report No.: NAFST-12-228 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 2.7/1	Hofer C	2012a	GF-2925 Two Week 54°C Accelerated Storage Stability and One Week 0°C in Glass Dow AgroSciences LLC DAS Report No.: FOR-12-12 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 2.7/2 CP 2.7.2/1 CP 2.7.3/1 CP 2.7.4.1/1 CP 2.7.7/1	Hofer C	2012b	GF-2925 Accelerated Storage Stability; Eight Week 40°C in PET and HDPE Dow AgroSciences LLC DAS Report No.: FOR-12-13 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 2.7/3	Hofer C	2014	Three Year Ambient Storage Stability of GF-2925 in PET and HDPE; Two Year Ambient Interim Report Dow AgroSciences LLC DAS Report No.: FOR-12-14 GLP Not Published	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 4.1.1 (a)/1	Hamilton T	2013	Analytical Method and Validation for the Determination of Active Ingredient in XDE-777 Technical by Liquid Chromatography The Dow Chemical Company DAS Report No.: ML AL-2013-012856 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.1 /2	Kerbleski HK Hamilton TD Birk KH Zhang L	2013	Analytical Method and Validation for the Determination of Active Ingredient and Impurities in XDE-777 Technical by Liquid Chromatography The Dow Chemical Company DAS Report No.: ML AL-2013-005479 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 4.1.1 /3	Crispin TA Hamilton TD	2013	Analytical Method and Validation for the Determination of Residual Solvents and Process Impurities in XDE-777 Technical by Gas Chromatography The Dow Chemical Company DAS Report No.: ML AL-2013-005805 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.2.2/01	Watson G	2012	XDE-777 and its Metabolite X642188 – Validation of the Method for the Determination of Residues of XDE-777 and its Metabolite X642188 in Crops by LC-MS/MS Eurofins Agrosience Services Ltd DAS Report No.: 120615 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.2.2/02	Eversfield, S.	2017	Data generation method for Determination of Residues of XDE-777 in Grain and Processed Products after Two Applications of GF-2925 in Winter Wheat at 2 sites in Northern Europe and 2 sites in Southern Europe in 2014 Eurofins Agrosience Services Ltd DAS Report No.: 140696 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.2.2/03	xxx	2013	Data generation method for XDE-777 Livestock Feeding Study: Magnitude of Residue in Milk, Muscle, Liver, Kidney and Fat of Lactating Dairy Cattle xxx DAS Report No.: 130949 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.2.2/04	Li Q Hastings M Slinkard EW	2015	Data generation method for the terrestrial field dissipation study: Method Validation Study for the Determination of XDE-777 and its metabolites in Soil by Liquid Chromatography with Tandem Mass Spectrometry Dow AgroSciences LLC DAS Report No.: 141042 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.3.2.2/01	Chambers J Jarrett H	2013	Independent Laboratory Validation: XDE-777 and X641288 Residue Determination in Crops (Revision) Battelle UK Ltd DAS Report No.: 120951 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.3.2.2/02	Lindner M Giesau A	2013	Validation of a Multi-residue Method Following the QuEChERS Sample Preparation Technique for the Determination of XDE-777 and Its Metabolite X642188 in Matrices of Plant and Animal Origin Eurofins Agroscience Services Ltd DAS Report No.: 120998 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.3.2.2/03	Amic S	2013	Independent Laboratory Validation of a Multi-residue Method Following the QuEChERS Sample Preparation Technique for the Determination of XDE-777 and Its Relevant Metabolite X642188 in Matrices of Plant and Animal Origin Eurofins Agroscience Services Chem SAS DAS Report No.: 130114 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.3.2.2/04	Li Q Dixit V	2013	Evaluation of the Extraction Efficiency in Analytical Method - Determination of XDE-777 and Its X642188 Metabolite in Agricultural Commodities Using Liquid Chromatography with Tandem Mass Spectrometry Detection Dow AgroSciences LLC DAS Report No.: 121023 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.2.1/1	Ma, M Jackson, U	2013	A NATURE OF THE RESIDUE STUDY WITH [14C]-XR-777 APPLIED TO WHEAT Dow AgroSciences LLC; Research for Hire DAS Report No.: 110334 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.3.2.3/01	Garcia-Alix M	2014	Method Validation for the Determination of XDE-777 and Its Metabolite (X12326349) in Animal Matrices CEM Analytical Services DAS Report No.: 131027 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 5.3.2.3/02	Lindner M Grewe D	2014	Independent Laboratory Validation of an Analytical Method for the Determination of XDE-777 and its Metabolite X12326349 in Matrices of Animal Origin Eurofins Agrosiences Services DAS Report No.: 130712 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.2.3	xxx	2013	A NATURE OF THE RESIDUE STUDY IN THE RUMINANT WITH [14C]-XR-777 xxx DAS Report No.: 110766 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.3.2.4/01	Lindner M Giesau A	2014a	Validation of an Analytical Method for the Determination of Residues of XDE-777 and its Metabolite X642188 in Soil and Sediment Eurofins Agrosiences Services DAS Report No.: 131045 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.3.2.5/01	Austin R Turner R	2014	Method Validation Study for the Determination of Residues of XDE-777 and Its Metabolite X642188 in Water by LC-MS/MS Battelle UK Ltd. DAS Report No.: 131046 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCP 5.3.2.5/02	Lindner M Giesau A	2014b	Independent Laboratory Validation of an Analytical Method for the Determination of XDE-777 and its Metabolite X642188 in Water Eurofins Agrosiences Services DAS Report No.: 130711 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.3.2.6/01	Bacher R	2012	The Development and Validation of a Method for the Analysis of XDE-777 in Air PTRL Europe GmbH DAS Report No.: 120681 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.3.2.7/01	Göcer M	2012	Development and Validation of an Analytical Method for the Determination of XDE-777 in Body Fluid(s) PTRL Europe GmbH DAS Report No.: 120682 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCP 5.1.1/1	Speak T	2012	Analytical Method for the Determination of XDE-777 in GF2925 Dow AgroSciences (CZ) Ltd DAS Report No.: DAS-AM-G-12-19 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 5.1.1/1	xxx	2012 a	XDE-777: PROBE STUDY TO DETERMINE ABSORPTION, METABOLISM AND ELIMINATION IN F344NTac RATS, CrI:CD1(ICR) MICE AND NEW ZEALAND WHITE RABBITS (Revision) xxx DAS Report No.: 101038 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.1.1/2	xxx	2012	A Probe Study to Investigate the Metabolism and Excretion of 14C-Labeled XDE-777 in Beagle Dogs following a Single Oral (Gavage) Administration xxx DAS Report No.: 111004 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.1.1/3	xxx	2012b	XDE-777: TISSUE DISTRIBUTION IN F344DuCrI RATS xxx DAS Report No.: 111150 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 5.1.1/4	xxx	2013	Elimination of Radioactivity in Bile, Urine, and Feces Following Oral Administration of [14C]-Labeled XDE-777 to Rats xxx DAS Report No.: 130007 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 5.1.1/5	xxx	2013	XDE-777: PHARMACOKINETICS AND METABOLISM IN F344DuCrI RATS xxx DAS Report No.: 111149 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.1.1/6	Zhang F McClymont EL Fiting JA Erskine TC Clark AJ	2014	XDE-777: In Vitro Comparative Metabolism Study Toxicology & Environmental Research and Consulting, The Dow Chemical Company DAS Report No.: 130798 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.2.1/1	xxx	2011 a	Acute Oral Toxicity Up And Down Procedure In Rats xxx DAS Report No.: 101555 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.2.2/1	xxx	2011 b	Acute Dermal Toxicity Study in Rats xxx DAS Report No.: 101664 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 5.2.3/1	xxx	2012	XR-777: ACUTE DUST AEROSOL INHALATION TOXICITY STUDY IN F344DuCrI RATS xxx DAS Report No.: 101136 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 5.2.4/1	xxx	2011 c	Primary Skin Irritation Study In Rabbits xxx DAS Report No.: 101665 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.2.5/1	xxx	2011 d	Primary Eye Irritation Study in Rabbits xxx DAS Report No.: 101666 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.2.6/1	xxx	2012	XR-777: LOCAL LYMPH NODE ASSAY IN CBAJ MICE xxx DAS Report No.: 101154 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.2.7/1	Roth M	2015	XDE-777: Cytotoxicity Assay in vitro with Balb/c 3T3 Cells: Neutral Red (NR) Test during Simultaneous Irradiation with Artificial Sunlight Harlan Cytotest Cell Research GmbH DAS Report No.: 150039 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.1/1	xxx	2010	XR-777: PALATABILITY PROBE STUDY IN F344DuCrI RATS xxx DAS Report No.: 100041 GLP/GEP (Y/N): No Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CA 5.3.1/2	xxx	2012a	XR-777: 28-DAY DIETARY TOXICITY STUDY IN F344DuCrI RATS xxx DAS Report No.: 101053 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.1/3	xxx	2010	XR-777: PALATABILITY PROBE STUDY IN CrI:CD1(ICR) MICE xxx DAS Report No.: 100043 GLP/GEP (Y/N): No Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.1/4	xxx	2012	XR-777: 28-DAY DIETARY TOXICITY STUDY IN CrI:CD1(ICR) MICE xxx DAS Report No.: 101052 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.1/5	xxx	2012	XDE-777: A PRELIMINARY PALATABILITY STUDY IN BEAGLE DOGS xxx DAS Report No.: 110033 GLP/GEP (Y/N): No Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.1/6	xxx	2013a	XDE-777: A 28-DAY DIETARY TOXICITY STUDY IN BEAGLE DOGS xxx DAS Report No.: 111034 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CA 5.3.2/1	xxx	2012 b	XR-777: 90 DAY DIETARY TOXICITY STUDY IN F344DuCrI RATS xxx DAS Report No.: 101110 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.2/2	xxx	2014	XR777: 90-DAY DIETARY TOXICITY STUDY WITH A 28DAY RECOVERY IN CrI:CD1(ICR) MICE (Revision) xxx DAS Report No.: 101103 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.2/3	xxx	2013 b	XDE-777: A 90-DAY DIETARY TOXICITY STUDY IN BEAGLE DOGS xxx DAS Report No.: 111035 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.3.2/4	xxx	2014	XDE-777: A One-Year Dietary Toxicity Study in Beagle Dog xxx DAS Report No.: 121002 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.4.1/1	Dakoulas EW Divi K	2010	Salmonella - Escherichia coli/Mammalian-Microsome Reverse Mutation Assay Preincubation Method with a Confirmatory Assay with XR-777 BioReliance DAS Report No.: 100088 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CA 5.4.1/2	Schisler MR	2011 a	EVALUATION OF XR-777 IN AN IN VITRO CHROMOSOMAL ABERRATION ASSAY UTILIZING RAT LYMPHOCYTES Toxicology & Environmental Research and Consulting, The Dow Chemical Company DAS Report No.: 101069 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.4.1/3	Schisler MR	2011 b	EVALUATION OF XR-777 IN THE CHINESE HAMSTER OVARY CELLHYPOXANTHINE-GUANINEPHOSPHORIBOSYL TRANSFERASE (CHOHGPRT) FORWARD MUTATION ASSAY Toxicology & Environmental Research and Consulting, The Dow Chemical Company DAS Report No.: 101089 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.4.2/1	xxx	2011 c	EVALUATION OF XR-777 IN THE MOUSE PERIPHERAL BLOOD MICRONUCLEUS TEST xxx DAS Report No.: 101061 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.4.2/2	xxx	2014	XDE-777: In Vivo Unscheduled DNA Synthesis (UDS) Test in Mouse Liver Cells xxx DAS Report No.: 140628 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 5.5/1	xxx	2013	XR-777: 18-MONTH DIETARY ONCOGENICITY STUDY IN CrI:CD1(ICR) MICE xxx DAS Report No.: 111068 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.5/2	xxx	2014	XDE-777: Two-Year Dietary Chronic Toxicity/Oncogenicity Study in F344/DuCrI Rats xxx DAS Report No.: 111064 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.6.1/1	xxx	2012 a	XR-777: DIETARY REPRODUCTION/DEVELOPMENTAL TOXICITY SCREENING TEST IN CrI:CD(SD) RATS xxx DAS Report No.: 101200 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.6.1/2	xxx	2013 a	XDE-777: TWO GENERATION DIETARY REPRODUCTION TOXICITY STUDY IN CrI:CD(SD) RATS xxx DAS Report No.: 111186 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.6.2/1	xxx	2012 b	XR-777: DIETARY DEVELOPMENTAL TOXICITY PROBE STUDY IN CrI:CD(SD) RATS xxx DAS Report No.: 101099 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 5.6.2/2	xxx	2012 c	XDE-777: DIETARY DEVELOPMENTAL TOXICITY STUDY IN CrI:CD(SD) RATS xxx DAS Report No.: 111184 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.6.2/3	xxx	2012 d	XDE-777: DIETARY DEVELOPMENTAL TOXICITY PROBE STUDY IN NEW ZEALAND WHITE RABBITS xxx DAS Report No.: 121001 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.6.2/4	xxx	2013 b	XDE-777: DIETARY DEVELOPMENTAL TOXICITY STUDY IN NEW ZEALAND WHITE RABBITS xxx DAS Report No.: 121070 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.8.1/1	Patel NN	2012	BACTERIAL REVERSE MUTATION TEST OF X642188 USING SALMONELLA TYPHIMURIUM JAI RESEARCH FOUNDATION DAS Report No.: 120873 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 5.8.1/2	xxx	2013	ACUTE ORAL TOXICITY STUDY OF X642188 IN RATS xxx DAS Report No.: 120874 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 5.8.2/3	Scherzer MK Passage JK	2014	XDE-777: Solubility in New Zealand White Rabbit Plasma Toxicology & Environmental Research and Consulting, The Dow Chemical Company DAS Report No.: 140630 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
K-CP 7.1.1/01	xxx	2012a	Acute Oral Toxicity Study of GF-2925 in Rats xxx DAS Report No.: 120725 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
K-CP 7.2.1/01	xxx	2012b	Acute Dermal Toxicity Study of GF-2925 in Rats xxx DAS Report No.: 120726 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
K-CP 7.1.3/01	xxx	2016	ACUTE INHALATION TOXICITY STUDY OF GF-2925 IN RATS xxx DAS Report No.: 160249 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
K-CP 7.1.4/01	xxx	2012c	Acute Dermal Irritation Study of GF-2925 in Rabbits xxx DAS Report No.: 120727 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
K-CP 7.1.5/01	xxx	2012d	Acute Eye Irritation Study of GF-2925 in Rabbits xxx DAS Report No.: 120728 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
K-CP 7.1.6/01	xxxx	2012e	Skin Sensitisation Study of GF-2925 by Local Lymph Node xxx Jai Research Foundation DAS Report No.: 120729 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

K-CP 7.3/01	Maas WJM	2013	In Vitro Dermal Absorption of XDE-777, Formulated in GF-2925 and Two Dilutions, Through Human Split-Thickness Skin Using Flow-Through Diffusion Cells TNO Triskelion BV DAS Report No.: 120518 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.1/1	Weir, A	2014	XDE-777 and Its Metabolite X642188 Storage Stability in Wheat and Wheat Processed Fractions Stored Frozen for up to 24 Months Eurofins Agriscience Services Chem Ltd DAS Report No.: 120749 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.1/3	Devine, HC	2014	Frozen Storage Stability of Residues of XDE-777 and Its Metabolites (X642188 and X12326349) in Animal Matrices Final Report CEM Analytical Services Ltd. DAS Report No.: 130709 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.1/4	Ma, M.	2016	Frozen Storage Stability of XDE-777 and Its Metabolites in Soil – Final Report DAS Report No. 141045 Dow AgroSciences LLC GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 6.2.1/1	Ma, M Jackson, U	2013	A NATURE OF THE RESIDUE STUDY WITH [14C]-XR777 APPLIED TO WHEAT Dow AgroSciences LLC; Research for Hire DAS Report No.: 110334 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.2.1/2	Wu, S	2013a	A Nature of the Residue Study with [14C]-XDE-777 Applied to Tomatoes Symbiotice Research, LLC Research For Hire (RFH) DAS Report No.: 121003 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.2.1/3	Wu, S	2013b	A Nature of the Residue Study with [14C]-XDE-777 Applied to Cabbage Symbiotice Research, LLC Research For Hire (RFH) DAS Report No.: 121002 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.2.2	Ma, M Adelfinskaya, Y Kish, B	2013	A Nature of the Residue Study in the Laying Hen with [14C]-XDE-777 Dow AgroSciences LLC Southwest Bio-Labs, Inc. DAS Report No.: 110421 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.2.3	xxx	2013	A NATURE OF THE RESIDUE STUDY IN THE RUMINANT WITH [14C]-XR-777 xxx DAS Report No.: 110766 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 6.3.1/06	Oxspring, S	2013	DETERMINATION OF RESIDUES OF XDE-777 AFTER TWO APPLICATIONS OF GF-2807 IN WINTER WHEAT AND SPRING WHEAT AT 6 SITES IN NORTHERN EUROPE AND 6 SITES IN SOUTHERN EUROPE 2011 Eurofins Agrosience Services Ltd DAS Report No.: 110414 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.1/07	Eversfield, S	2013	DETERMINATION OF RESIDUES OF XDE-777 AFTER TWO APPLICATIONS OF GF-2925 IN WINTER WHEAT, SPRING WHEAT AND DURUM WHEAT AT 6 SITES IN NORTHERN EUROPE AND 6 SITES IN SOUTHERN EUROPE IN 2012 Eurofins Agrosience Services Ltd DAS Report No.: 120434 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.3.1/08	Eversfield, S	2015	DETERMINATION OF RESIDUES OF XDE-777 AFTER TWO APPLICATIONS OF GF-2925 IN WINTER WHEAT AND SPRING WHEAT AT 4 SITES IN NORTHERN EUROPE AND 4 SITES IN SOUTHERN EUROPE IN 2014 Eurofins Agrosience Services Ltd DAS Report No.: 140650 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.4.2/1	Rawle, NW	2013	XDE-777 Livestock Feeding Study: Magnitude of Residue in Milk, Muscle, Liver, Kidney and Fat of Lactating Dairy Cattle CEM Analytical Services Ltd. DAS Report No.: 130949 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 6.5.1/1	Ma, M Zhou, X Brackman, R	2013	Processing Study to Determine the Nature of Residues of [14C]XDE-777 Following Industrial or Household Preparation Dow AgroSciences LLC DAS Report No.: 121153 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.5.3/1	Tandy, R.	2014	Determination of Residues of XDE-777 in Grain and Processed Products After Two Applications of GF-2925 in Winter Wheat on 2 Sites in Northern Europe and 2 Sites in Southern Europe in 2012 Eurofins Agrosience Services Ltd DAS Report No.: 120435 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.6.1/1	Ma, M Aldelfinskaya, Y	2014	A Confined Rotational Crop Study with [14C]-XDE-777, 2014 Final Report Dow AgroSciences LLC DAS Report No.: 140050 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 6.5.3/2	Eversfield, S.	2015	Determination of Residues of XDE-777 in Grain and Processed Products After Two Applications of GF-2925 in Winter Wheat at 2 Sites in Northern Europe and 2 Sites in Southern Europe in 2014 Eurofins Agrosience Services Ltd DAS Report No.: 140696 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 6.6.1/1	Ma, M Aldelfinskaya, Y	2015	A Confined Rotational Crop Study with [14C]-XDE-777, 2014 Final Report Dow AgroSciences LLC DAS Report No.: 140050 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.1.1/01 KCA 7.1.2.1.1/01	Hastings MJ Jackson AU	2013	Degradation of 14C-XDE-777 in Four Soils Under Aerobic Conditions (Revision) Dow AgroSciences LLC Report No.: 110492 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.1.1.2/01 KCA 7.1.2.1.3	Liu D Balcer J Kish B	2013	Degradation of 14C-XDE-777 in One Soil Under Anaerobic Conditions Dow AgroSciences LLC Report No.: 120539 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.1.3/01	Cooke L	2013	XDE-777: Soil Photolysis Symbiotic Research, LLC Report No.: 130655 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.2.1.2/03	Austin R	2013	X12264475: Rate of Degradation under Aerobic Conditions in Four Soils at 20 °C Battelle UK Ltd Report No.: 121010 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 7.1.2.1.2/04	Seck C	2013	X763024: Rate of Degradation under Aerobic Conditions in Four Soils at 20 °C Battelle UK Ltd Report No.: 121012 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.2.1.2/05	Oddy A	2013	X12313581: Rate of Degradation under Aerobic Conditions in Four Soils at 20 °C Battelle UK Ltd Report No.: 121011 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.1.2.1.2/06	Oddy A	2013	X696476: Rate of Degradation under Aerobic Conditions in Four Soils at 20 °C Battelle UK Ltd Report No.: 121009 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.2.1.2/07	Oddy A	2013	X11963422: Rate of Degradation under Aerobic Conditions in Four Soils at 20 °C Battelle UK Ltd Report No.: 121013 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.2.1.2/08	Ma M Li Q	2014	Degradation of X12255349, X12314005, X12019520, and X12442397 in Four Soils under Aerobic Conditions Dow AgroSciences LLC Report No.: 140543 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 7.1.2.1.2/09	Liu D Lynn KJ Adusumilli H	2014	Degradation of Multi-Component Region from the XDE-777 Anaerobic Soil Study and the Aerobic Aquatic Study in Two Soils under Aerobic Conditions Dow AgroSciences LLC Report No.: 141023 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.2.2.1/01 KCP 9.1.1.2.1/01	Fischer A	2015	Soil Dissipation Study With One Spring Application of GF2925 (XDE-777) at Five Sites to Bare Soil in Europe in 20132015 DAS Report No.: 130672 Eurofins Agrosience Services GmbH GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.1.2.2.1/02 KCP 9.1.1.2.1/02	Reeves, G.	2015a	Field Soil Degradation Kinetics for XDE-777 and its Metabolites DAS Report No.: 150411 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.2.2.1/03 KCP 9.1.1.2.1/03	Li Q Slinkard, E W	2015	Frozen Storage Stability of XDE-777 and its Metabolites in Soil – 5 Month Interim Report DAS Report No.: 141045 Dow AgroSciences GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 7.1.3.1.1/01 KCA 7.1.3.1.2/01	Liu D Brackman R Zhou X	2013	Batch Equilibrium Adsorption/Desorption of XDE-777 and Adsorption of X642188 Dow AgroSciences LLC Report No.: 120540 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.2.1.3/0207	ZhouX Liu D Brackman R Jonas N	2014	Batch Equilibrium Adsorption of the Aerobic Soil Metabolites of XDE-777 (Revision) Dow AgroSciences LLC Report No.: 121024 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.1.3.1.2/08	Zhou X	2014	Batch Equilibrium Adsorption of the Soil Photodegradates of XDE-777 Dow AgroSciences LLC Report No.: 140540 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.1.3.1.2/09	Blakeslee, B.	2017	Estimation of the Photochemical Oxidation Rates of XDE-777 metabolites X642188, X696872, X12264475, X763024, X12313581, X696476, X11963422, X12314005, X12019520, X12255349, X12335723, X12386481 and X12446477 DAS Report No. 170682 Dow AgroSciences LLC GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 7.2.1.1/01	Yoder RN Jackson AU	2014	Hydrolysis of XDE-777 at pH 4, 7, and 9 (Revision) Dow AgroSciences LLC Report No.: 120538 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.2.1.1/02	Austin R	2013	Hydrolysis of X642188 at pH 4, 7 and 9 Battelle UK Ltd Report No.: 130663 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.2.1.1/03	Cooke L	2013	Solubility Determination of XDE-777 in 1% Acetonitrile Cosolvent in Water Symbiotic Research, LLC Report No.: 130599 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.2.1.2/01	Blakeslee BA Jackson AU	2014	Aqueous Photolysis of XDE-777 in pH 7 Buffer under Xenon Light (Revision) Dow AgroSciences LLC Report No.: 110422 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.2.2.1/01	Tunink A	2012	XDE-777: Determination of Ready Biodegradability Using the CO2 Evolution Method ABC Laboratories, Inc. Report No.: 120559 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

KCA 7.2.2.2/01	Adam D	2013	[14C]-XDE-777 – Aerobic Mineralisation in Surface Water – Simulation Biodegradation Test Innovative Environmental Services (IES) Ltd Report No.: 130702 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.2.2.3/01	Adusumilli H Jackson AU	2014	Aerobic Aquatic Degradation of XDE-777 in Two Sediment and Pond Water Systems (Revision) Dow AgroSciences LLC Report No.: 120839 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
KCA 7.3.1/01	Zhou, X	2013	Estimation of the Photochemical Oxidation Rate of XDE-777 Dow AgroSciences LLC Report No.: 131075 GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.1.1.1/1	Reeves G	2014a	Laboratory Soil Degradation Kinetics for XDE-777 and its Aerobic Metabolites for Model Input in the EU Derived From the Parent Applied Study DAS Report No.: 140267 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CP 9.1.1.1/2	Reeves G	2014b	Laboratory Soil Degradation Kinetics for XDE-777 Aerobic Metabolites for Model Input in the EU Derived From the Metabolite Applied Studies DAS Report No.: 140308 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.1.1.1/3	Reeves G	2014c	Laboratory Degradation Kinetics for XDE-777 Soil Photodegradates for Model Input in the EU Derived From the Metabolite Applied Studies DAS Report No.: 140626 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.1.1.2.1/1 sub-mitted under CA 7.1.2.2.1/1	Fischer A	2015	Soil Dissipation Study With One Spring Application of GF2925 (XDE-777) at Five Sites to Bare Soil in Europe in 20132015 DAS Report No.: 130672 Eurofins Agroscience Services GmbH GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CP 9.1.1.2.1/2 Sub-mitted under CA 7.1.2.2.1/2	Reeves, G.	2015a	Field Soil Degradation Kinetics for XDE-777 and its Metabolites DAS Report No.: 150411 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.1.1.2.1/3 Sub-mitted under CA 7.1.2.2.1/3	Li Q Slinkard, E W	2015	Frozen Storage Stability of XDE-777 and its Metabolites in Soil – 5 Month Interim Report DAS Report No.: 141045 Dow AgroSciences GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.2.2/1	Reeves G	2014d	Laboratory Water/Sediment Degradation Kinetics for XDE-777 and its Metabolites for Model Input in the EU Derived From the Parent Applied Study DAS Report No.: 140309 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CP 9.2.4.1/1	Reeves G	2014e	Modelling the Leaching of XDE-777 and its Aerobic Soil Metabolites to Groundwater in the EU DAS Report No.: 140269 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.2.4.1/2	Reeves G	2014f	Modelling the Leaching of Three Soil Photodegradates of XDE777 to Groundwater in the EU DAS Report No.: 141067 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.2.4.1/3	Reeves	2015b	Modelling the Leaching of XDE-777 to Groundwater in the EU When Using a Field DT50 DAS Report No.: 150551 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CP 9.2.5/1	Reeves G	2015c	Modelling the Predicted Environmental Concentrations of XDE-777 and its Metabolites in Surface Water and Sediment in the EU Using a 10-12 m VBS DAS Report No.: 150623 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 9.2.5/2	Reeves G	2015d	Modelling the Predicted Environmental Concentrations of XDE-777 and its Metabolites in Surface Water and Sediment in the EU Using a Field DT50 DAS Report No.: 150552 Dow AgroSciences GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.1.1.1 /1	xxx	2012	XR-777: An Acute Oral Toxicity Study with the Northern Bobwhite Using a Sequential testing Procedure xxx DAS Report No.: 110247 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.1.1.3 /1	xxx	2013	XDE-777 TGAI: A Reproduction Study with the Northern Bobwhite xxx DAS Report No.: 120384 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.1.1.3/2	xxx	2015	XDE-777: Reproductive Toxicity Test with the Northern Bobwhite (<i>Colinus virginianus</i>) xxx DAS Report No.: 140424 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.1.1.3/3	Valverde P	2016	XDE-777: Comparative analysis of historical control data in the reproductive toxicity tests with the northern bobwhite (<i>Colinus virginianus</i>). Lab: Wildlife International; Dow AgroSciences; DAS Study No. 120384A GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.1.1.3/4	Valverde P	2016	XDE-777: Comparative analysis of historical control data in the reproductive toxicity tests with the northern bobwhite (<i>Colinus virginianus</i>). Lab: Smithers Viscient; Dow AgroSciences; DAS Study No. 140424B GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.1 /1	xxx	2012	XR-777 - Acute Toxicity to Rainbow Trout (<i>Oncorhynchus mykiss</i>) Under Flow-Through Conditions, Following OECD xxx Smithers Viscient DAS Report No.: 110213 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.2.1 /2	xxx	2012	XDE-777 Technical: Acute Toxicity to the Common Carp, Cyprinus carpio, Determined Under Flow-Through Test Conditions xxx DAS Report No.: 120392 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.2.1 /3	xxx	2012	X642188 Metabolite: Acute Toxicity Test with the Rainbow Trout, Oncorhynchus mykiss, Determined Under Flow-Through Test Conditions xxx DAS Report No.: 120382 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.1/4	xxx	2014	X11963422 (a metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, Oncorhynchus mykiss, Determined Under Static-Renewal Test Conditions (Revision) xxx DAS Report No.: 130361 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.1/5	xxx	2014	X12264475 (a metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, Oncorhynchus mykiss, Determined Under Static-Renewal Test Conditions xxx DAS Report No.: 130360 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.2.1/6	xxx	2014	X12313581 (a metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, <i>Oncorhynchus mykiss</i> , Determined Under Static-Renewal Test Conditions xxx DAS Report No.: 130362 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.2.1/7	xxx	2014	X696872 (a metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, <i>Oncorhynchus mykiss</i> , Determined Under Static-Renewal Test Conditions xxx DAS Report No.: 130363 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.1/8	xxx	2014	X696476 (a metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, <i>Oncorhynchus mykiss</i> , Determined Under Static-Renewal Test Conditions xxx DAS Report No.: 130364 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.2.1/9	xxx	2014	X12314005 (a metabolite of XDE-777): Acute Toxicity to the Rainbow Trout, Oncorhynchus mykiss, Determined Under Static-Renewal Test Conditions xxx DAS Report No.: 130365 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.1/10	xxx	2015	X12255349 (a metabolite of XDE-777): Acute toxicity to the Rainbow Trout, Oncorhynchus mykiss, Determined Under Static-Renewal Test Conditions xxx DAS Report No.: 141000 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.2.1	xxx	2016	XDE-777: Acute Toxicity to the Zebra Fish, Danio rerio, Determined Under Flow-Through Test Conditions DAS Report No. 160129 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.1	xxx	2016	XDE-777: Acute Toxicity to the Fathead minnow, Pimephales promelas, Determined Under Flow-Through Test Conditions DAS Report No. 160130 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.2.1	xxx	2016	XDE-777: Acute Toxicity to the Bluegill, Lepomis macrochirus, Determined Under Flow-Through Test Conditions DAS Report No. 161022 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.2.1 /1	xxx	2012	XR-777 TGAI – Early Life-Stage Toxicity Test with Fathead Minnow, Pimephales promelas, Following OECD xxx Smithers Viscient DAS Report No.: 110214 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.2.1/2	xxx	2016	XDE-777: Investigation of Larval Toxicity to the Fathead Minnow (Pimephales promelas) Under Static Conditions in a Water-Sediment System DAS Report No. 160128 xxx GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.2.2.3/1	xxx	2014	XDE-777: Investigation of bioconcentration in zebrafish (Danio rerio) under flow-through conditions xxx DAS Report No.: 130983 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.2.2.3/2	xxx	2015	14C-X696476: Bioconcentration and Metabolism Study with Zebrafish, Danio rerio xxx DAS Report No.: 140481 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.2.3/3	xxx	2014	14C-X12019520: Bioconcentration and Metabolism Study with Zebrafish, Danio rerio xxx. DAS Report No.: 140480 GLP/GEP (Y/N): Yes Published (Y/N): No	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1 /1	Fournier A	2012	XR-777 TGAI - Acute Toxicity to Water Fleas (Daphnia magna) Under Static-Renewal Conditions, Following OECD Guideline #202 and JMAFF 12 NohSan, No. 8147 Daphnia Acute Immobilization Test (2-7-2-1) Data Requirement OECD Guideline 202 JMAFF 12 NohSan, No. 8147 (Revision) Smithers Viscient DAS Report No.: 110215 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1 /2	Holou M	2013	X642188 Metabolite: Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 120381 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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CA 8.2.4.1/03	Romine J	2014	X11963422 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130386 130372 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/04	Huffman	2014	X12264475 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130371 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/05	Romine J	2014	X12313581 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130373 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/06	Stadler T	2014	X696872 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130374 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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CA 8.2.4.1/07	Stadler T	2014	X696476 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130375 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/08	Dinehart S	2014	X12314005 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determine Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130376 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/09	Stadler T	2014	X12386481 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130379 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/10	Romine J	2014	X763024 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130378 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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CA 8.2.4.1/11	Romine J	2014	X12019520 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130380 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/12	Dinehart S	2014	X12335723 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130377 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/13	Romine J	2014	X12393285 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130383 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/14	Lamichhane K	2014	X12255349 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Exposed Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 140484 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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CA 8.2.4.1/15	Lamichhane K	2014	X12446477 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Exposed Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 140485 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/16	Romine J	2014	X12442397 (sodium salt of X12399889, a metabolite of XDE777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 130382 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.1/17	Dinehart S	2015	X12442403 (a metabolite of XDE-777): Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 140486 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.2/1	Lamichhane K	2014	XDE-777 TGAI: Acute Toxicity to the Cladoceran, Daphnia pulex, Exposed Under Static-Renewal Test Conditions ABC Laboratories DAS Report No.: 140483 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.2/2	VanHooser, A.	2015a	XDE-777: Acute toxicity to the Freshwater Midge, Chironomus riparius, Determined Under Static-Renewal Test Conditions ABC Laboratories, Inc. DAS Report No.: 141002 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.2.4.2/3	VanHooser, A.	2015b	X642188 (a metabolite of XDE-777): Acute toxicity to the Freshwater Midge, Chironomus riparius, Determined Under Static-Renewal Test Conditions ABC Laboratories, Inc. DAS Report No.: 141003 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.4.2/4	Hadsell, R.	2015	X12255349 (a metabolite of XDE-777): Acute toxicity to the Freshwater Midge, Chironomus riparius, Determined Under Static-Renewal Test Conditions ABC Laboratories, Inc. DAS Report No.: 141004 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.5/2	Lamichhane, K.	2015	X12255349 (a metabolite of XDE-777): Population Effects Study in an Indoor Aquatic Microcosm with Daphnia magna DAS Report No. 140999 ABC Laboratories GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.5.1 /1	Fournier A	2012	XR-777 TGAI: Full Life-Cycle Toxicity Test with Water Fleas, Daphnia magna, Under Static Renewal Conditions Following OECD Guideline #211 Smithers Viscient DAS Report No.: 110216 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.2.6.1 /1	Rebstock M	2013	XDE-777: Growth Inhibition Test with the Unicellular Green Alga, Pseudokirchneriella subcapitata ABC Laboratories, Inc DAS Report No.: 120383 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.2.6.1 /2	Rebstock M	2013	X642188 metabolite: Growth Inhibition Test with the Unicellular Green Alga, Pseudokirchneriella subcapitata ABC Laboratories, Inc DAS Report No.: 120380 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.6.1 /3	Bergfield A	2014	X11963422 (a metabolite of XDE-777): Growth Inhibition Test with the Unicellular Green Alga, Pseudokirchneriella subcapitata ABC Laboratories, Inc DAS Report No.: 130385 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.2.6.1 /4	Aufderheide, J.	2014	X12264475 (a metabolite of XDE-777): Growth Inhibition Test with the Unicellular Green Alga, Pseudokirchneriella subcapitata ABC Laboratories, Inc DAS Report No.: 130384 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.2.6.1 /5	Aufderheide, J.	2015	X12255349 (a metabolite of XDE-777): Growth Inhibition Test with the Unicellular Green Alga, <i>Pseudokirchneriella subcapitata</i> ABC Laboratories, Inc DAS Report No.: 141001 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.3.1.1.1/1 CA 8.3.1.1.2/1	Schmitzer S	2012	Effects of XR-777 (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 110168/110169 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.3.1.1.1/2 CA 8.3.1.1.2/2	Schmitzer S	2014	XDE-777: Acute Contact and Oral Effects on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 140217/140221 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.3.1.1.1/3	Schmitzer S	2012	Effects of X642188 (metabolite of XR-777) (Acute Oral Test) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 120379 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.3.1.1.1/4	Schmitzer S	2014	X696476 (a metabolite of XDE-777): Acute Oral Effects on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 140215 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.3.1.1.1/5	Schmitzer S	2014	X12019520 (a metabolite of XDE-777): Acute Oral Effects on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 140216 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.3.2.1 /1	Moll M	2013	Effects of XDE-777 on the Parasitoid <i>Aphidius rhopalosiphi</i> in the Laboratory (Tier I) - Dose Response Test - (Revision) Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 110170 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.3.2.2 /1	Schwarz A	2013	Effects of XDE-777 on the Predatory Mite <i>Typhlodromus pyri</i> in the Laboratory (Tier I) - Dose Response Test – (Revision) Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 110171 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.4.1 /1	Ganßmann M	2012	Effects of XDE-777 TGAI on Reproduction and Growth of Earthworms Eisenia fetida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 110172 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.1 /2	Ganßmann M	2012	Effects of X642188 (metabolite of XDE-777) on Reproduction and Growth of Earthworms Eisenia fetida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 120378 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.4.1 /3	Ganßmann M	2013	X11963422 (a metabolite of XDE-777): Effects on Reproduction and Growth of Earthworms Eisenia fetida in Artificial Soil with 10% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130204 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.1 /4	Ganßmann M	2013	X12264475 (a metabolite of XDE-777): Effects on Reproduction and Growth of Earthworms Eisenia fetida in Artificial Soil with 10% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130203 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.4.1 /5	Ganßmann M	2014	X696476 (a metabolite of XDE-777) Effects on Reproduction and Growth of Earthworms Eisenia fetida in Artificial Soil with 10% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 140235 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.1 /6	Witte, B	2015	X12255349 (a metabolite of XDE-777) Effects on Reproduction and Growth of Earthworms Eisenia fetida in Artificial Soil Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 141006 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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CA 8.4.2.1 /1	Ganßmann M	2012	Effects of XDE-777 TGAI on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 120385 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.2.1 /2	Ganßmann M	2012	Effects of XDE-777 TGAI on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 120386 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.4.2.1 /3	Ganßmann M	2012	Effects of X642188 (metabolite of XDE-777) on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 120387 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.2.1 /4	Ganßmann M	2012	Effects of X642188 (metabolite of XDE-777) on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 120388 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

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CA 8.4.2.1 /5	Ganßmann M	2013	X11963422 (a metabolite of XDE-777): Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130208 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CA 8.4.2.1 /6	Ganßmann M	2013	X11963422 (a metabolite of XDE-777): Effects on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130210 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.2.1 /7	Ganßmann M	2013	X12264475 (a metabolite of XDE-777): Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130207 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.2.1 /8	Ganßmann M	2013	X12264475 (a metabolite of XDE-777) on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130209 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CA 8.4.2.1 /9	Ganßmann M	2014	X696476 (a metabolite of XDE-777): Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 140229 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.2.1 /10	Ganßmann M	2014	X696476 (a metabolite of XDE-777): Effects on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 140232 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.2.1 /11	Witte, B	2015 a	X12255349 (a metabolite of XDE-777): Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 141007 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.4.2.1 /12	Witte, B	2015 b	X12255349 (a metabolite of XDE-777): Effects on Reproduction of the Predatory Mite Hypoaspis aculeifer Folsomia candida in Artificial Soil with 5% Peat Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 141008 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.5 /1	Hammesfahr U	2012	Effects of XDE-777 on the Activity of the Soil Microflora in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 110173 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.5 /2	Hammesfahr U	2012	Effects of X642188 (metabolite of XDE-777) on the Activity of the Soil Microflora in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 120377 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.5 /3	Hammesfahr U	2013	X11963422 (a metabolite of XDE-777): Effects on the Activity of the Soil Microflora in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130206 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.5 /4	Hammesfahr U	2013	X12264475 (a metabolite of XDE-777): Effects on the Activity of the Soil Microflora in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 130205 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CA 8.5 /5	Hammesfahr U	2014 a	X696476 (a metabolite of XDE-777): Effects on the Activity of the Soil Microflora in the Laboratory Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 140238 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.5 /6	Hammesfahr U	2014 b	X12255349 (a metabolite of XDE-777): Effects on the Activity of the Soil Microflora in the Laboratory (Nitrogen Transformation) Institut für Biologische Analytik und Consulting IBACON GmbH DAS Report No.: 141009 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CA 8.8 /1	Griffith A	2012	XR-777 TGAI - Activated Sludge Respiration Inhibition Test Following OECD Guideline 209 Smithers Viscient DAS Report No.: 110217 GLP/GEP (Y/N): Yes Published (Y/N): No	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.1.1.1/1	xxx	2012	GF-2925: An acute oral toxicity study with the Northern Bobwhite using a sequential testing procedure xxx DAS Report No.: 120389 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CP 10.2.1/1	xxx	2013	GF-2925: Acute Toxicity to the Rainbow Trout, Oncorhynchus mykiss, Determined Under Static-Renewal Test Conditions (Revision) xxx DAS Report No.: 120374 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
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Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CP 10.2.1/2	Stadler T Lamichhane K	2014	GF-2925: Acute Toxicity to the Cladoceran, Daphnia magna, Determined Under Static-Renewal Test Conditions (Revision) ABC Laboratories DAS Report No.: 120375 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.2.1/3	Holou M	2013	GF-2925: Growth inhibition test with the unicellular green alga, Pseudokirchneriella subcapitata ABC Laboratories, Inc. DAS Report No.: 120376 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.2.3/01	xxx	2014	GF-2925 (126 g/L): GF-2925 (126 g/L XDE-777): Investigation of larvae toxicity of fathead minnow (Pimephales promelas) under static conditions in a water sediment system xxx DAS Report No.: 130367 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CP 10.2.3/02	xxx	2014	GF-2925 (132 g/L): GF-2925 (132 g/L XDE-777): Investigation of larvae toxicity of rainbow trout (<i>Oncorhynchus mykiss</i>) under static conditions in a water sediment system xxx DAS Report No.: 130368 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.2.3/03	xxx	2014	GF-2925 (126 g/L XDE-777): Full Life Cycle test with the Zebrafish (<i>Danio rerio</i>) under static conditions in a water sediment system xxx DAS Report No.: 121049 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CP 10.2.3/04	xxx	2014	XDE-777: Community level study in outdoor aquatic mesocosms xxx DAS Report No.: 130984 GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.2.3/05	Kramer V	2014	Prediction of Octanol-Water Partition Coefficient, Acid Dissociation Constant, Fish Bioconcentration and Aquatic Toxicity of Metabolites of XDE-777 using Computerized Quantitative Structure-Activity Relationships Dow AgroSciences LLC DAS Report No.: 141106 GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CP 10.2.3/06	Mueller, J.	2015	XDE-777 metabolites: Analysis in aqueous and sediment samples of the outdoor mesocosm study Fraunhofer Institute DAS Report No.: 140860 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.2.3/07	xxx	2016	GF-2925 (126 g/L XDE-777): Investigation of larvae toxicity of fathead minnow (Pimephales promelas) under static conditions in a water sediment system xxx DAS Report No.: 130367, 1st study report ammendment GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.2.3/08	xxx	2014	GF-2925 (132 g/L XDE-777): Investigation of larvae toxicity of rainbow trout (Oncorhynchus mykiss) under static conditions in a water sediment system xxx DAS Report No.: 130368, 1st study report ammendment GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
CP 10.2.3/09	xxx	2014	GF-2925 (126 g/L XDE-777): Full Life Cycle test with the Zebrafish (Danio rerio) under static conditions in a water sediment system xxx DAS Report No.: 121049, 1st study report ammendment GLP/GEP (Y/N): Y Published (Y/N): N	Y	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

CP 10.2.3/10	Kramer V, LopezMancisidor P	2016	Additional Summary Information on the Scientific Reliability of the XDE-777 Mesocosm Study Supporting the Assignment of an Assessment Factor of 2 for Derivation of the ETO-RAC for Aquatic Invertebrate and Plant Communities Dow AgroSciences No study number GLP/GEP (Y/N): N Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.3.1.1.1/1 CP 10.3.1.1.2/1	Schmitzer S	2012	Effects of GF-2925 (Acute Contact and Oral) on Honey Bees (Apis mellifera L.) in the Laboratory IBACON GmbH DAS Report No.: 120370, 120371 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.3.1.1.1/2 CP 10.3.1.1.2/2	Schmitzer S	2014	GF-2925: Acute Contact and Oral Effects on Honey Bees (Apis mellifera L.) in the Laboratory DAS Report No.: 140218, 140222 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.3.2.1/1	Schwarz A	2012	Effects of GF-2925 on the Predatory Mite Typhlodromus pyri in the Laboratory (Tier I) - Dose Response Test IBACON GmbH DAS Report No.: 110174 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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CP 10.3.2.1/2	Moll M	2012	Effects of GF-2925 on the Parasitoid <i>Aphidius rhopalosiphi</i> in the Laboratory (Tier I) - Dose Response Test IBACON GmbH DAS Report No.: 110175 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.4.1.1/1	Ganßmann M	2012a	Effects of GF-2925 on Reproduction and Growth of Earthworms <i>Eisenia fetida</i> in Artificial Soil with 5% Peat IBACON GmbH DAS Report No.: 120373 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.4.2.1/1	Ganßmann M	2012b	Effects of GF-2925 on Reproduction of the Collembola <i>Folsomia candida</i> in Artificial Soil with 5% Peat IBACON GmbH DAS Report No.: 120390 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.4.2.1/2	Ganßmann M	2012c	Effects of GF-2925 on Reproduction of the Predatory Mite <i>Hypoaspis aculeifer</i> in Artificial Soil with 5% Peat IBACON GmbH DAS Report No.: 120391 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.5/1	Hammesfahr U	2012	Effects of GF-2925 on the Activity of the Soil Microflora in the Laboratory IBACON GmbH DAS Report No.: 120372 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner

CP 10.6.2/1	Friedemann A Teresiak H	2012a	Evaluation of the Phytotoxicity of GF-2925 (XDE-777 130 g as/L, SC), GLP Vegetative Vigour Test agro-check DAS Report No.: 110093 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience
CP 10.6.2/2	Friedemann A Teresiak H	2012b	Evaluation of the Phytotoxicity of GF-2925 (XDE-777 130 g as/L SC), GLP Seedling Emergence and Seedling Growth Test agro-check DAS Report No.: 110094 GLP/GEP (Y/N): Y Published (Y/N): N	N	Y	Data/study report never submitted before to CZ countries	DAS/Corteva Agriscience

List of data submitted by the applicant and not relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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List of data relied on and not submitted by the applicant but necessary for evaluation

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
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