

FINAL REGISTRATION REPORT

Part A

Risk Management

Product code: CHR/H/TERIZ 650 WG

**Product name(s): Undito 650 WG, Jotamun 650 WG,
Metodus 650 WG**

Chemical active substance(s):

Terbuthylazine, 400 g/kg

Isoxaflutole, 100 g/kg

Mesotrione, 150 g/kg

Central Zone

Zonal Rapporteur Member State: Poland

**CORE ASSESSMENT-renewal of authorisation
(Poland)**

Applicant: Innvigo Sp. z o.o.

Submission date: October 2019; December 2021

**MS Finalisation date: 12/2021; 02/2022; 06/2023; 01/2024;
06/2024**

Version history

When	What
October 2019	New data for isoxaflutole based on the renewal of active substance. New data marked in yellow
December 2021	Evaluation by zRMS (new data (isoxaflutole))
December 2021	The application rate has been changed in the GAP table, based on new calculation in Part B8 and changes were made in the dRR.
February 2022	Assessment update against new application rate
June 2023	Final Registration Report
January 2024	GAP table revision
June 2024	Verification of a lists of data considered for national authorization

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PART A

RISK MANAGEMENT

1 Details of the application

This document describes the acceptable use conditions required for renewal of authorisation of CHR/H/TERIZ 650 WG (Undito 650 WG, Jotamun 650 WG, Metodus 650 WG) containing Terbutylazine, Isoxaflutole and Mesotrione in POLAND (ZRMS).

The risk assessment conclusions are based on the information, data and assessments provided in Registration Report, Part B Sections 0-10 and Part C. The information, data and assessments provided in Registration Report, Parts B includes assessment of further data or information as required by the EU review. It also includes assessment of data and information relating to CHR/H/TERIZ 650 WG where that data has not been considered in the EU review. Otherwise assessments for the safe use of CHR/H/TERIZ 650 WG have been made using new endpoints agreed in the EU review of Isoxaflutole.

This document describes the specific conditions of use and labelling required for the registration of (Undito 650 WG, Jotamun 650 WG, Metodus 650 WG), product code CHR/H/TERIZ 650 WG

1.1 Application background

This application was finalized by Innvigo Sp. z o.o. in October 2019. Innvigo Sp. z o.o. is a company located at Aleje Jerozolimskie 178, 02-486, Warsaw, Poland, and registered in the Polish National Court Registry of entrepreneurs (KRS), with the number 0000540684.

The application is for the approval of CHR/H/TERIZ 650 WG a Water dispersible granules type formulation (WG) containing 400 g/kg Terbutylazine, 150 g/kg mesotrione, 100 g/kg isoxaflutole for use as a herbicide for controls a broad-spectrum of dicot and monocots weeds, , maize.

It is applied by spray at BBCH 00 (3 days after sowing) (details GAP table B0 Section)

To obtain authorisation the product CHR/H/TERIZ 650 WG must meet the conditions of Annex I inclusion and be supported by dossiers satisfying the requirements of Annex II and Annex III, with an assessment to Uniform Principles, using Annex I agreed end-points.

This application was submitted in order to allow the renewal authorisation of this product in Poland, in accordance with the above and new Isoxaflutole endpoints.

1.2 Letters of Access

No Letters of Access are being submitted.

1.3 Justification for submission of tests and studies

In accordance with Art. 33 (3), the submitted studies and presented in Appendix 4, are relevant and necessary to obtain the first authorisation the product CHR/H/TERIZ 650 WG in Poland and other countries.

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	CHR/H/TERIZ 650 WG
Product name in MS	Undito 650 WG, Jotamun 650 WG, Metodus 650 WG
Authorization number	N/A
Function	Herbicide
Applicant	PUH Chemirol Sp. Z o.o.
Active substance(s) (incl. content)	Terbuthylazine 400 g/kg Isoxaflutole 100 g/kg Mesotrione 150 g/kg
Formulation type	Water dispersible granules [WG]
Packaging	HDPE range from 500 g to 10000 g More specific: 500g in HDPE bottles 1000g in HDPE bottles 1500g in HDPE bottles 2000g in HDPE bottles,containers, cannister 2500g in HDPE bottles,containers, cannister 5000g in HDPE containers, cannisters 10000g in HDPE containers, cannisters
Coformulants of concern for national authorizations	N/A
Restrictions related to identity	N/A
Mandatory tank mixtures	N/A
Recommended tank mixtures	N/A

2.2 Conclusion

2.3 Substances of concern for national monitoring

This point is not relevant for authorisation of CHR/H/TERIZ 650 WG.

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:	Acute Tox. 4 Skin Irrit. 2 Repr. 2, STOT RE 2 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
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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:	GHS07, GHS08
Signal word:	warning
Hazard statement(s):	H302 – Harmful if swallowed. (based on study) H315 – Causes skin irritation. (based on study) H361d– Suspected of damaging the unborn child (based on composition – isoxaflutole, mesotrione $\geq 3\%$) H373 (eyes, nervous system) – May cause damage to organs through prolonged or repeated exposure (based on composition – terbuthylazine, mesotrione $\geq 10\%$) H400- Very toxic to aquatic life H410- Very toxic to aquatic life with long-lasting effects
Precautionary statement(s):	WARNING SECTION OF THE LABEL (first page): P260: Do not breathe spray. P280: Wear protective gloves and protective clothing P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302+352: IF ON SKIN: Wash with plenty of soap and water. P308+313: IF exposed or concerned: Get medical advice/attention. Other section of the label: P201, P270, P260, P264, P405, P501 P280 as follows: OPERATOR: <i>Stosować rękawice ochronne oraz odzież ochronną zabezpieczającą przed oddziaływaniem środków ochrony roślin i odpowiednie obuwie w trakcie przygotowywania cieczy użytkowej oraz w trakcie wykonywania zabiegu.</i> „Wear protective gloves, protective clothing and sturdy footwear during mixing and loading and during application”. WORKER: <i>„Stosować rękawice ochronne oraz odzież roboczą (długie spodnie, koszula z długim rękawem) oraz ograniczyć czas inspekcji terenu poddanego opryskowi do 2 godzin”.</i> “Wear protective gloves and workwear (long trousers, long-sleeve shirt) and limit the time of inspection in the treated area to 2 hours”.

	<p>BYSTANDER/RESIDENT</p> <p>„Podczas wykonywania zabiegu należy zachować 5 metrową strefę buforową oraz dysze ograniczające znos. Należy umieścić tablicę informacyjną: „Zakaz wejścia na teren poddany opryskowi do końca uprawy”. “Keep a 5 meter buffer zone and drift-reduction nozzles during application. Warning board: "Do not enter the treated area till the end of the plant growth" must be installed.</p> <p>Section :First Aid” P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330: Rinse mouth. P302+352: IF ON SKIN: Wash with plenty of soap and water. P308+313: IF exposed or concerned: Get medical advice/attention.</p>
Additional labelling phrases:	To avoid risks to man and the environment, comply with the instructions for use. [EUH401]
-	-
-	-

Special rule for labelling of plant protection product (PPP):	
EUH401	To avoid risks to man and the environment, comply with the instructions for use.
Further labelling statements under Regulation (EC) No 1272/2008:	
-	-
-	-

See Part C for justifications of the classification and labelling proposals.

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).
e.g.SPe3	To protect aquatic organisms/non-target plants/non-target arthropods/insects respect an unsprayed buffer zone of (distance to be specified) to non-agricultural land/surface water bodies.

2.4.3 Other phrases (according to Article 65 (3) of the Regulation (EU) No 1107/2009)

	N/A
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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:	
N/A	Gloves, protective clothing during mixing/loading and application
Worker protection:	
N/A	Gloves and workwear (long trousers, long-sleeve shirt) and reduce the time of treated area inspection to 2 hours
Bystander/resident	<ul style="list-style-type: none"> • warning boards preventing from bystander entry into treated area are installed and remain till the end of cultivation • 5-meter buffer zone is kept during spraying, • drift-reduction nozzles are used.
Integrated pest management (IPM)/sustainable use:	
N/A	While the measure is not allowed to: - Drift usable on neighboring crops, - Overlapping spray liquid on the contacts belt treatment and headlands.
Environmental protection	
N/A	To protect aquatic organism : 20 m vegetative buffer zone for surface waters should be applied To protect non-target plants the following unsprayed buffer zone of to non-agricultural land should be applied: 20 m buffer zone 5 m and the use of 75% drift reducing nozzles 10 m and use of 50% drift reducing nozzles To protect groundwater product can be used once every three years <i>W celu ochrony wód podziemnych środek może być stosowany raz na trzy lata.</i>
Other specific restrictions	
N/A	No specific requirements

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

Integrated pest management (IPM)/sustainable use:	
N/A	Before applying should be informed of this fact by all stakeholders, that may be exposed to the spray drift and who have requested such information.

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.
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N/A	The instructions for use must include a summary of weeds which can be controlled well, less well and insufficiently by the product, as well as a list of species and/or varieties showing which crops are tolerant of the intended application rate and which are not.	use 1 from GAP table in 2.6
Environmental protection:		Relevant for use no.
N/A	In order to protect aquatic organisms it is necessary to appoint protection zone a width of 20 m of water bodies and watercourses. In order to protect non-target plants and other measure is necessary the appointment of a protection zone with a width of 20 m of land not used for agricultural or 5 m and the use of 75% drift reducing nozzles or 10 m and use of 50% drift reducing nozzles	use 1 from GAP table in 2.6

2.6 Intended uses (only NATIONAL GAP)*

PPP (product name/code): Untido 650 WG/Jotamun 650 WG/ Metodus 650 WG - CHR/H/TERIZ Formulation type: GAP rev. , date: 2016-11-17
WG ^(a, b)

Active substance 1: terbuthylazine Conc. of as 1: 400 g/kg ^(c)
Active substance 2: mesotrione Conc. of as 2: 150 g/kg ^(c)
Active substance 3: isoxaflutole Conc. of as 3: 100 g/kg ^(c)
Safener: - Conc. of safener: - ^(c)
Synergist: - Conc. of synergist: - ^(c)
Applicant: PUH Chemirol Sp. z o.o. Professional use: ☒
Zone(s): central ^(d) Non professional use: ☐
Verified by MS: no

Field of use: herbicide

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

Zonal uses (field or outdoor uses, certain types of protected crops)													
1	PL	Maize (ZEAMX)	F	Mono and dicotsweeds	Spray, medium sprayer	Spring BBCH 00, max. 3 days after sowing	a)1 b)1	n/a	a) 0.8 kg/ha b) 0.8 kg/ha	a) 0.52 kg a.s./ha (T 0.32 + I 0.08 + M 0.12) b) 0.52 kg a.s./ha (T 0.32 + I 0.08 + M 0.12)	200-250	n/a	Use restricted to once every third year on the same field.
Interzonal uses (use as seed treatment, in greenhouses (or other closed places of plant production), as post-harvest treatment or for treatment of empty storage rooms)													
3													
4													
Minor uses according to Article 51 (zonal uses)													
5													
6													
Minor uses according to Article 51 (interzonal uses)													
7													
8													
<div> <div> Remarks table heading: <div> (a) e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR) (b) Catalogue of pesticide formulation types and international coding system CropLife International Technical Monograph n°2, 6th Edition Revised May 2008 (c) g/kg or g/l </div> </div> <div> (d) Select relevant (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. </div> </div>													

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
			14	Remarks may include: Extent of use/economic importance/restrictions

3 Background of authorization decision and risk management

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

Due to this renewal of authorisation no new studies were performed. Please refer to the first registration report. No new studies are required.

RMS Comment:

During the assessment in accordance with Article 43, there were changes in the recommended doses of the product. The GAP table has been adapted to the current label. The concentration was changed from 0.2% - 0.5% to 0.3% - 0.4%.

Because basic assessment of the product CHR/H/TERIZ 650 WG was done by IEP NRI and all physicochemical tests have been accepted so in this case it is possible to certify by IEP NRI the safety of the product in a new range: 0.3% - 0.4% .

3.2 Efficacy (Part B, Section 3)

A total of 9 trials were carried out to evaluate the efficacy of product CHR/H/TERIZ for the control of mono and dicotyledones weeds in maize.

Efficacy data for mono and dicotyledones weeds are presented from 9 efficacy trials assessed. 9 trials have been conducted between 2015 and 2016 in Poland.

Details will be provided in dRR Part B section 3 in KCP 6 point 3.2 and KCP 6.2 point 3.2.3

3.3 Efficacy data

Preliminary studies on product CHR/H/TERIZ were not carried out because this herbicide contains terbutylazine, isoxaflutole and mesotrione which are well-known active substances that have been used for many years in agricultural practice.

On the basis of information included in KCP point 3.2.3 the assessment of efficacy and phytotoxicity trials in KCP point 3.2.3 of herbicide CHR/H/TERIZ in maize the minimum effective dose of product CHR/H/TERIZ used is: 0,8 kg/ha once a season in maize which corresponding to 320 g a.s. of terbutylazine + 80 g a.s. of isoxaflutole + 120 g a.s. of mesotrione.

The studies fulfill requirements of the Commission Regulation (EU) No 545/2012 of 10 June 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the data requirements for plant protection products.

The applicant submitted 9 reports (in total) showing the results in research into product efficacy carried out in 2015 and 2016 in maize. The obtained data in performed trials show that CHR/H/TERIZ provides benefits against the most important weeds in maize. We are dealing with the active substances used commonly for many years in many countries. However composition of these three active compounds is not yet registered in Poland. So, in the list of weeds controlled should include only those species that occurred (with appropriate intensity) a minimum of three localizations, and in the case of the species with the highest hazard of the plants at least in six locations. Infestation of studied weed species was at the appropriate level in all trials. These conditions shall satisfy the following weed species (10 – in total): ECHCG, POLCO, VIOAR, BRSNX, CHEAL, STEME, CAPBP, THLAR, LAMPU and POLAV. Mentioned be-

low weed species (6 – in total) were excluded from the evaluation process due to not enough number of efficacy trials and in consequence removed from the label claim: SETGL, CENCY, AMARE, GERPU, LYCAR, EPHHE.

The Applicant provided the scale of efficacy/susceptibility differ in the scale to Polish guidelines. Evaluator applied the efficacy scale of efficacy/susceptibility weeds due to existing Member State requirements for expressing levels of control for weeds and the practice of preparations by Polish farmers:

- S (susceptible) > 85% (within each trial the average must be higher than 85%)
- MS (moderately susceptible) 70-85%
- MT (moderately tolerant) 60-70%
- T (tolerant) < 60%

Summary of evaluation of the effectiveness of the control of the tested weeds species: at recommended rate (0,8-1,0 kg/ha):

- Susceptible weeds: ECHCG, POLCO, VIOAR, BRSNX, CHEAL, STEME, CAPBP, THLAR, LAM-PU
- Moderately tolerant: POLAV

All results were comparable with untreated control and standard reference products. Some transient symptoms of phytotoxicity were noted (not in all trials). No negative effect of yield was observed.

Herbicide CHR/H/TERIZ has demonstrated good crop tolerance to maize. Therefore concluded that CHR/H/MENR is safe usage at proposed rate and this support the label claim for the use in maize.

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

The product CHR/H/TERIZ should be use once per season at spring pre – emergence. To avoid resistance, products contain active substance with the same group shouldn't be use year after year on the same field.

At spring apply use CHR/H/TERIZ 0.8 – 1,0 kg/ha at the phase BBCH 00, max. 3 days after sowing.

Recommended volume of water 200-250 l/ha

Recommended medium droplet spraying

Use of CHR/H/TERIZ 650 WG according to the proposed GAP does not represent a hazard to rotational crops and does not justify a specific labeling. CHR/H/TERIZ is not persistent in soil nor is it taken up by succeeding crops.

Considering efficacy and crop safety (section 3, there should be no reservations on registering Untido 650 WG / Jotamun 650 WG / Metodus 650 WG (product code: CHR/H/TERIZ) containing terbuthylazine (400 g/kg), isoxaflutole (100 g/kg) and mesotrione (150 g/kg). as the active ingredients, to control weeds in maize to used according to the GAP table and label claim.

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

The resistance risk of CHR/H/TERIZ can be considered as low, due to the mode of action which differs from other herbicides, a development of resistance to CHR/H/TERIZ following the principles of Good Agriculture Practice is considered to be unlikely, in the Expert opinion. Detailed informations are presented in report B in section 3.

3.3.2 Adverse effects on treated crops

11 trials were carried out on maize in Poland in two seasons 2015 and 2016 on a wide range of commercially grown varieties. There were observed some phytotoxicity symptoms on tested product and standard. The phytotoxicity was transient and did not cause any effect at yield. CHR/H/TERIZ may cause phytotoxicity on sensitive varieties of maize. Details will be provided in the dRR Part B Section 3 KCP 6.4 point 3.4

CHR/H/TERIZ effectively controlled broadleaf and grass plants therefore users must exercise caution to avoid drift or vapours which may cause stunting or discoloration and damage to non-target foliage. Also appropriate buffer zone should be provided. However, detailed assessment of predicted rates of CHR/H/TERIZ 650 WG in off-field areas, the TER values describing the risk for non-target plants is described in Ecotoxicological sections.

3.3.3 Observations on other undesirable or unintended side-effects

The maximum proposed use of CHR/H/TERIZ 650 WG showed to pose an unacceptable risk to non-target plants. Member states should consider risk mitigation measures to protect non target plants. The use of 20m buffer zone, or 5 m with 75% reduction nozzels or 10m with 50% reduction nozzels, were shown to reduce the risk to NTP to acceptable levels. Detailed assessment is presented in Ecotoxicological section

3.4 Methods of analysis (Part B, Section 5)

Analytical methods for determination of Terbutylazine, Isoxaflutole and Mesotrione, impurities and relevance of CIPAC methods in CHR/H/TERIZ 650 WG were not evaluated as part of the EU review of terbutylazine, mesotrione and isoxaflutole. Therefore all relevant data are provided and are considered adequate.

3.4.1 Analytical method for the formulation

No new methods were developed for the formulation. All analytical methods from first registration report are still valid. Please refer to the first registration report.

3.4.2 Analytical methods for residue

Sufficiently sensitive and selective analytical methods are available for all analytes included in the residue definitions.

3.5 Mammalian toxicology (Part B, Section 6)

Since all data from the first registration report is still valid, no new studies are necessary. Therefore please refer to the core dossier.

3.5.1 Acute toxicity

Since all data from the first registration report is still valid, no new studies are necessary. Therefore please refer to the core dossier.

3.5.2 Operator exposure

New risk assessment in EFSA model for Isoxaflutole were performed based on the new endpoints approved at EU level in SANTE/11653/2017 Rev 2 - 22 March 2019.

Taking into account data presented above, the use of CHR/H/TERIZ (Undito 650 WG, Jotamun 650 WG, Metodus 650 WG) according to the list of intended uses presented in GAP Table, causes acceptable exposure risk for operator assuming appropriate PPE is used.

Based on all of the **exposure data** and the **classification** of CHR/H/TERIZ (Undito 650 WG, Jotamun 650 WG, Metodus 650 WG), the following sentence regarding the use of PPE (gloves and protective clothing) is recommended by the evaluator to be placed in the **section of precautions for operator**:

Stosować rękawice ochronne oraz odzież ochronną zabezpieczającą przed oddziaływaniem środków ochrony roślin i odpowiednie obuwie w trakcie przygotowywania cieczy użytkowej oraz w trakcie wykonywania zabiegu.

3.5.1 Wear protective gloves, protective clothing and sturdy footwear during mixing and loading and during application. Worker exposure

The results of the exposure estimations based on EUROPOEM II suggest that the use of CHR/H/TERIZ (Undito 650 WG, Jotamun 650 WG, Metodus 650 WG) according to the list of intended uses presented in GAP Table, causes **no health risk for the worker** assuming:

- the workwear (arms, body and legs covered) and protective gloves are used,
- the time of worker activities (inspection) is limited to 2 hours.

Following sentence regarding the use of PPE is recommended by the evaluator to be placed in the **section of precautions for the workers**:

„Stosować rękawice ochronne oraz odzież roboczą (długie spodnie, koszula z długim rękawem) oraz ograniczyć czas inspekcji terenu poddanego opryskowi do 2 godzin.

“Wear protective gloves and workwear (long trousers, long-sleeve shirt) and limit the time of inspection of treated area to 2 hours”.

3.5.2 Bystander and resident exposure

Mesotrione and terbuthylazine: The results of the exposure estimations suggest that the use of CHR/H/TERIZ according to the list of intended uses presented in GAP Table, causes **unacceptable health risk for bystander and resident (both adult and child)** according AOEM (**minimal buffer zone: 5m**). However, it should be noted that the majority of the exposure is supposed to occur if the resident/bystander enters into the treated area. Thus, the incidental short-time exposure of bystander and resi-

dent (children and adult) to mesotrione is acceptable if the **warning boards** preventing from resident/bystander entry into treated area are installed and remain till the end of cultivation.

Isoxaflutole: The results of the exposure estimations suggest that the use of CHR/H/TERIZ according to the list of intended uses presented in GAP Table, **causes acceptable health risk for bystander and resident adult and child (buffer zone: 5m).**

Conclusions:

1. The exposure of resident and bystander (children and adult) to isoxaflutole contained in the CHR/H/TERIZ causes acceptable risk to human health.
2. The exposure to isoxaflutole contained in the CHR/H/TERIZ causes **acceptable risk to human health** when:
 - **warning boards preventing from bystander entry into treated area are installed** and remain till the end of cultivation
 - **5-meter buffer zone** is kept during spraying,**drift-reduction** nozzles are used

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

The data available are considered sufficient for risk assessment. An exceedance of the current MRL of **0.1 mg/kg for terbuthylazine, 0.02 mg/kg for isoxaflutole, 0.01 mg/kg for mesotrione** as laid down in Reg. (EU) 396/2005 is not expected.

The chronic and the short-term intakes of terbuthylazine, isoxaflutole and mesotrione residues are unlikely to present a public health concern.

As far as consumer health protection is concerned, agrees with the authorization of the intended use(s).

According to available data, no specific mitigation measures should apply.

3.6.1 Residues

November 2021: evaluation of new data for isoxaflutole based on the renewal of active substance.

Critical GAP for the intended uses of CHR/H/TERIZ 650 WG is within the EU GAP (EFSA Journal 2016;14(2):4416).

Stability of Residues

All samples in the new supervised residues trials were analysed within 30 days after sampling thus no stability of residues is required.

Residue definitions:

Commission Regulation (EU) No 2015/845 of 27 May 2015: Isoxaflutole (sum of isoxaflutole and its diketonitrile-metabolite, expressed as isoxaflutole).

Plant residue definition for risk assessment (EFSA Journal 2016;14(3):4416):

Conventional crops: RPA 203328

Genetically modified crops: RPA 203328 and RPA 202248

Animal residue definition for monitoring and risk assessment: not required for the representative use

Magnitude of residues in plants

New supervised residues trials were performed due to the renewal of active substance isoxaflutole. – 4 new trials in 2017 in northern Europe (Eurofins 2017, Dr. Sönke Lakaschus, Sabrina Fritzsche) were performed. Trials are accepted.

Trials GAP: 1 x 0.1 kg as/ha, BBCH0 0-13, PHI N/A, outdoor

Results:

5 x <0.01 mg/kg

Sufficient trials are available to support the proposed uses in maize.

The residues arising from the proposed uses will not exceed the MRLs established for maize grain (0.02* mg/kg; Reg.(EU) No 2015/845 Reg. (EU) 2021/1795).

Residue data are valid with regard to storage stability.

Livestock Feeding Studies:

According to the dietary burden calculation for isoxaflutole and low residues in maize, no livestock feeding studies are necessary

Industrial Processing and/or Household Preparation:

EFSA Journal 2016;14(2):4416: *Processing studies are not triggered since residue levels of RPA 203328 in maize grain are <0.1 mg/kg. This assessment should be reconsidered pending the outcome of the requested hydrolysis study addressing the nature of RPA 203328 residues in processed commodities.*

No additional data is required.

Residues in Representative Succeeding Crops:

No additional studies on rotational crops are considered necessary.

No restrictions are necessary.

PHI: not required

The intended use evaluated in this dossier can be authorized.

December 2021: Assessment update against new application rate (see point 2.6)

Application rate modification (reduction) does not alter the above conclusions.

The field studies are overdosed but acceptable because the results are below 0.01 mg/kg.

3.6.2 Consumer exposure

The consumer risk assessment was performed with the EFSA PRIMo rev.3.1. No chronic and acute intake concerns were identified

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

No new studies are presented; all data were reviewed in the EU review of Terbutylazine, isoxaflutole, mesotrione. Appropriate endpoints from the EU review were used to calculate PECs for CHR/H/TERIZ 650 WG, Terbutylazine, isoxaflutole, mesotrione and metabolites of each active substance in soil, surface water, ground water and air for the intended use patterns.

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

The PEC_{soil} of Terbutylazine, mesotrione and isoxaflutole and metabolites in soil have been assessed with the DT50 values established in the EU review.

The PEC_{sw/sed} calculated for 100 g isoxaflutole/ha cover proposed new use for 80 g/ha.

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

According to PEC_{gw} modelling with FOCUS PELMO 5.5.3 and FOCUS PEARL 4.4.4 a groundwater contamination of the active substances terbuthylazine, mesotrione and isoxaflutole at a concentration of $\geq 0.1 \mu\text{g/L}$ is not expected. For the metabolites a groundwater concentration of $\geq 0.1 \mu\text{g/L}$ can not be excluded.

December 2021:

Application rate is 0.8 kg/ha due the reduction of isoxaflutole to 80 g/ha and application in every third year - for content of RPA 202248 metabolite in ground water below trigger value $0.1 \mu\text{g/L}$.

The following risk mitigation measure is required: Metodus should be in every third year.

Toxicological evaluation

The detailed metabolite assessment of terbuthylazine and mesotrione are presented in the previous dRR provided in 2017 and finalized in 2019.

RPA 202248:

1. The metabolite RPA 202248 **has pesticidal activity**. It is the major rat metabolite of low acute oral toxicity and negative results of Ames test.
2. Since isoxaflutole is classified as Repr. 2, H361d, convincing evidence must be provided to demonstrate that the metabolite RPA 203328 does not qualify for the same classification. **The available toxicological data were not sufficient to exclude reproduction toxicity of metabolite RPA 202248.**
3. As the pesticidal active and mammalian toxicologically relevant, the metabolite RPA 202248 should not exceed drinking water limit of $0.1 \mu\text{g/L}$.
4. Taking into account that the max. PEC_{gw} amounts to $1.154 \mu\text{g/L}$ (application rate: $1 \times 100 \text{g/ha}$, once each year), the metabolite RPA 202248 causes significant consumer risk for human health and does not meet the conditions of product approval.
5. **The new calculation for metabolite RPA 202248 was provided by the Applicant (application rate: 80 g isoxaflutole/ha, once every three years). The results indicate that the concentration of the metabolite RPA 202248 does not exceed drinking water limit of $0.1 \mu\text{g/L}$ for such scenario.**

Conclusions: Only the minimum application rate of 80 g of the product /ha can be accepted. The product can be used once every three years.

RPA 203328:

1. According to EFSA Journal 2016;14(2):4416, the consumer risk assessment resulting from consumption of drinking water could not be finalized although the nature of the residues in drinking water following water treatment had not been addressed. Taking into account toxicological data, the metabolite RPA 203328 possess low oral acute toxicity and has no genotoxic potential.
2. Since isoxaflutole is classified as Repr. 2, H361d, convincing evidence must be provided to demonstrate that the metabolite RPA 203328 does not qualify for the same classification. Taking into account the mechanism of reproduction toxicity of the parent substance, the toxicological data obtained for RPA 203328 indicate lack of such effect.

The results of consumer risk calculations in regards to the metabolite RPA 203328 indicate that the use of CHR/H/TERIZ 650 WG according to the list of intended uses presented in GAP Table, causes no significant risk for health of the adults, toddlers and infants.

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

The PEC surface water of terbuthylazine, mesotrione and isoxaflutole and metabolites in surface water (PEC_{sw} and PEC_{sed}) have been assessed with the FOCUS SW and the DT₅₀ water/sediment values established in the EU review. Based on the maximum recommended use rate of 400 g a.s. terbuthylazine/ha; 150 g a.s. mesotrione/ha and isoxaflutole 100 g a.s/ha the maximum PEC values for surface water and sediment have been calculated according to FOCUS Steps 1-2 for the parents and the metabolites. In addition, FOCUS 3 (PRZM/MACRO in TOXSWA) and FOCUS 4 calculations were conducted for all active substances. The PEC_{sw/sed} calculated for 100 g isoxaflutole/ha cover proposed new use for 80 g/ha.

The results for PEC surface water for the active substance and its metabolites were used for the ecotoxicological risk assessment.

3.8 Ecotoxicology (Part B, Section 9)

3.8.1 Effects on terrestrial vertebrates

CHR/H/TERIZ 650 WG pose no unacceptable acute and long-term risk to birds used according to the label and pose no unacceptable acute and long-term risk for mammals.

3.8.2 Effects on aquatic species

Studies on the toxicity to aquatic organisms have been carried out with Terbuthylazine, isoxaflutole, mesotrione and its relevant metabolites. Full details of these studies are provided in the respective EU DAR and related documents.

Effects on aquatic organisms of CHR/H/TERIZ were not evaluated as part of the EU assessment of Terbuthylazine, isoxaflutole, mesotrione.

The selection of studies and endpoints for the risk assessment is in line with the results of the EU review process.

The risk to aquatic organisms following exposure to CHR/H/TERIZ 650 WG via spraydrift is not acceptable without drift reducing measures and buffer zones. The risk for the entry routes run-off and drainage is also not acceptable without buffer zones for the intended use of CHR/H/TERIZ. Therefore using vegetative buffer zone of 20 buffer, the use CHR/H/TERIZ 650 WG according to the label will not pose risk to aquatic organisms (ratio PEC/RAC is below 1).

3.8.3 Effects on bees

Studies on the toxicity to bees have been carried out with all three active substances terbuthylazine, isoxaflutole and mesotrione. Full details of these studies are provided in the respective EU DAR and related documents.

Effects on bees of CHR/H/TERIZ were not evaluated as part of the EU assessment of terbuthylazine/isoxaflutole/mesotrione.

CHR/H/TERIZ 650 WG pose no unacceptable risk to bees according to the label

3.8.4 Effects on other arthropod species other than bees

Studies on the toxicity to non-target arthropods have been carried out with three active substances terbuthylazine/isoxaflutole/mesotrione. Full details of these studies are provided in the respective EU DAR and related documents.

Effects on non-target arthropods of CHR/H/TERIZ were not evaluated as part of the EU assessment of any active substances.

All hazard quotients (HQ) are considerably less than 2, indicating that CHR/H/TERIZ 650 WG applied at the maximum use rate in maize poses no risk to non-target arthropods. No risk mitigation needed.

CHR/H/TERIZ 650 WG pose no unacceptable risk to NTA according to the label.

3.8.5 Effects on soil organisms

Studies on the toxicity to earthworms and other non-target soil organisms (meso- and macrofauna) have been carried out with three active substances Terbuthylazine/isoxaflutole/mesotrione and its relevant metabolites. Full details of these studies are provided in the respective EU DAR and related documents.

Effects on earthworms and other non-target soil organisms (meso- and macrofauna) of CHR/H/TERIZ 650 WG were not evaluated as part of the EU assessment of any of three active substances.

The long-term risk assessment for Terbuthylazine and CHR/H/TERIZ 650 WG indicates unacceptable long term risk to earthworms. Therefore, the risk refinement is needed. Such risk refinement is available based on weight of evidence and field studies and presented in point below.

The low endpoint for long term effect of CHR/H/TERIZ on maize is indicated from toxicity of Terbuthylazine to earthworms. The lowest endpoint for terbuthylazine NOEC is equal to 0.5 mg a.s/kg bare soil, this indicates TER value 0.94. The NOEC reproduction derived from long term study on earthworms is 1.65 mg test item/kg soil, which indicates TER 1.24. For other two active substance TER_{It} for earthworms is 74 for isoxaflutole and 60 for mesotrione.

The NOEC mix for three active substances is equal 0.782 mg a.s mix/kg dw which comparable with the NOEC derived from the study 1.65 mg test item/kg (equal to 1.07 mg a.s/kg). So it can be concluded that the low endpoint is caused by terbuthylazine effect.

The following formula was used to derive the surrogate NOEC for the mixture of active substances with known toxicity assuming dose additivity:

$$\text{NOEC (mix)} = \left(\sum_i \frac{X(a.s._i)}{\text{NOEC}(a.s._i)} \right)^{-1}$$

where:

X(a.s. i) = fraction of active substance (i) in the mixture expressed as:

X(terbuthylazine) = 400g terbuthylazine/kg / (400 g terbuthylazine /kg + 100 g isoxaflutole /kg + 150 g mesotrione /kg)

X(isoxaflutole) = 100g isoxaflutole/kg / (400 g terbuthylazine /kg + 100 g isoxaflutole /kg + 150 g mesotrione /kg)

X(mesotrione) = 150g mesotrione/kg / (400 g terbuthylazine /kg + 100 g isoxaflutole /kg + 150 g mesotrione /kg)

NOEC(a.s. i) = acute toxicity value for active substance (i)

However in EFSA Journal 2011; 9(1):1969 and DAR (2007) Terbuthylazine Vol 3 B9 were evaluated several field studies terbuthylazine. In DAR (2007) Terbuthylazine Vol 3 B9 is stated an acceptable long-term risk to earthworms from technical terbuthylazine applied at rate of 844 g a.s/ha, based on two field studies submitted in original DAR (2007). As standard, the long-term risk from the active substance as oppose to the formulation is assessed, as the active substance and co-formulants are considered to rapidly disperse after application, therefore long-term exposure to the intact formulation will not occur. **Therefore it is considered that the application of formulation CHR/H/TERIZ 650 WG at rate 1.0 kg prod/ha (which is equal to 400 g tbt/ha) is unlikely to pose a long term risk to earthworms.**

No new studies are necessary.

The acute risk to earthworms and other non-target soil organisms (meso- and macrofauna) was assessed as low for CHR/H/TERIZ 650 WG in a first-tier risk assessment. But a potential high risk was indicated on the long-term time scale for earthworms, but based on Risk refinement for terbuthylazine it can be concluded that application of formulation CHR/H/TERIZ 650 WG at rate 1 kg prod/ha (which is equal to 400 g tbt/ha) is unlikely to pose a long term risk to earthworms and other non-target soil organisms (meso- and macrofauna).

3.8.6 Effects on non-target terrestrial plants.

Studies on the toxicity to non-target terrestrial plants have been carried out with three active substances terbuthylazine/isoxaflutole/mesotrione. Full details of these studies are provided in the respective EU DAR and related documents.

Effects on non-target terrestrial plants of CHR/H/TERIZ 650 WG were not evaluated as part of the EU assessment of any of three active substances.

Based on the predicted rates of CHR/H/TERIZ 650 WG in off-field areas, the TER values describing the risk for non-target plants following exposure to CHR/H/TERIZ 650 WG according to the GAP of the formulation CHR/H/TERIZ 650 WG achieve the acceptability criteria $TER \geq 5$, with applying:

- 20 m buffer zone
- 5 m and the use of 75% drift reducing nozzles
- 10 m and use of 50% drift reducing nozzles

3.8.7 Effects on other terrestrial organisms (Flora and Fauna)

Not relevant

3.9 Relevance of metabolites (Part B, Section 10)

The metabolites MT1, MT13, MT14, LM2, LM3, LM4, LM5, LM6 (terbuthylazine metabolites); RPA 202248, RPA 203328 (isoxaflutole metabolites); MNBA (mesotrione metabolites) are predicted to occur in groundwater at concentrations above 0.1 µg/L (see PART B Section 8 of CHR/H/TERIZ dRR). Assessment of the relevance of these metabolites according.

All metabolites are not relevant at STEP 4 or 5.

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

Since CHR/H/TERIZ 650 WG is unique formulation and new product on the market, therefore no cooperative assessment is necessary.

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

Appendix 1 Copy of the product authorization

Appendix 2 Copy of the product label

Uwagi: sekcja pozostałości

Brak uwag po ocenie dodatkowych danych dla izoksaflutolu

Warunki zatwierdzenia substancji czynnej terbutyloazyny uległy zmianie po odnowieniu zatwierdzenia tej substancji. Aplikant powinien ustosunkować się do tych zmian.

Ponadto zmieniła się wartość NDP dla kukurydzy.

Uwagi: sekcja losu

Wprowadzono zapis: w celu ochrony wód podziemnych środek może być stosowany raz na trzy lata.

Uwagi: Sekcja toksykologia

Zmieniono zapis: Podczas wykonywania zabiegu należy zachować 5 metrową strefę buforową oraz dysze ograniczające znos..

Posiadacz zezwolenia:

Załącznik do zezwolenia MRiRW nr R- 119/2019 z dnia 24.07.2019 r.

Posiadacz zezwolenia:

INNVIGO Sp. z o.o., Aleje Jerozolimskie 178, 02-486 Warszawa, tel.: +48 22 468 26 70, e-mail: biuro@innvigo.com

Podmiot odpowiedzialny za końcowe pakowanie i etykietowanie środka ochrony roślin:

...

METODUS 650 WG

Środek przeznaczony do stosowania przez użytkowników profesjonalnych

Zawartość substancji czynnych:

izoksaflutol (związek z grupy pochodnych izoksazoli) – 100 g/kg (10 %)

mezotrion (związek z grupy pochodnych trójketonów) – 150 g/kg (15 %)

terbutylazyna (związek z grupy triazyn) – 400 g/kg (40 %)

Zezwolenie MRiRW nr R- 119 /2019 z dnia 24.07.2019 r.

	
Uwaga	
H302	Działa szkodliwie po połknięciu.

H315 H361d H373 H410	Działa drażniąco na skórę. Podejrzewa się, że działa szkodliwie na dziecko w łonie matki. Może powodować uszkodzenie narządów (oczy, układ nerwowy) poprzez długotrwałe lub powtarzane narażenie. Działa bardzo toksycznie na organizmy wodne, powodując długotrwałe skutki.
EUH 401	W celu uniknięcia zagrożeń dla zdrowia ludzi i środowiska, należy postępować zgodnie z instrukcją użycia.
P260 P280 P301 + P312 P302 + P352 P308 + P313	Nie wdychać rozpylonej cieczy użytkowej. Stosować odzież ochronną/rękawice ochronne. W PRZYPADKU POŁKNIECIA: W przypadku złego samopoczucia skontaktować się z OŚRODKIEM ZATRUĆ lub z lekarzem. W PRZYPADKU KONTAKTU ZE SKÓRĄ: Umyć dużą ilością wody / mydłem. W przypadku narażenia lub styczości: Zasięgnąć porady/zgłosić się pod opiekę lekarza. Zebrać rozsypany produkt.

OPIS DZIAŁANIA

HERBICYD selektywny o działaniu układowym, stosowany doglebowo, w formie granul do sporządzania zawiesiny wodnej (WG).

Zgodnie z klasyfikacją HRAC substancja czynna terbutylazyna zaliczana jest do grupy C1, a substancje czynne mezotrion i izoksafłutol zaliczane są do grupy F2.

DZIAŁANIE NA CHWASTY

Środek zawiera 3 substancje czynne należące do dwóch różnych grup chemicznych o odmiennym sposobie działania na chwasty.

Mezotrion i izoksafłutol są zaliczane do inhibitorów enzymu odpowiedzialnego za biosyntezę barwników fotoaktywnych co w konsekwencji prowadzi do zahamowania biosyntezy karotenoidów w roślinach chwastów, objawiające się bieleniem liści.

Mezotrion pobierany jest głównie przez liście oraz dodatkowo przez korzenie chwastów i szybko przemieszczany w roślinie, izoksafłutol pobierany jest przez korzenie, kielki i liścienie chwastów. Pierwsze objawy działania substancji czynnych widoczne są po 5-7 dniach od wykonania zabiegu. Zamieranie chwastów następuje po około 14 dniach.

Terbutylazyna zaliczana jest do inhibitorów procesu fotosyntezy, wywołuje w pierwszej kolejności chlorozy widoczne w szczególności w przestrzeniach między nerwami liści, a także na ich brzegach i wierzchołkach. Terbutylazyna pobierana jest głównie poprzez korzenie chwastów i w niewielkim stopniu poprzez ich liście. Zastosowanie terbutylazyny ogranicza wschody chwastów przez 6-8 tygodni po wykonaniu zabiegu.

Dobre uwilgotnienie gleby oraz korzystne warunki dla wzrostu i rozwoju kukurydzy sprzyjają działaniu środka.

Chwasty wrażliwe:	chwastnica jednostronna, fiołek polny, gwiazdnica pospolita, jasnota purpurowa, komosa biała, rdestówka powojowata, samosiewy rzepaku, tobołki polne, tasznik pospolity.
Chwasty średnioodporne:	rdest ptasi.

STOSOWANIE ŚRODKA

Środek przeznaczony do stosowania przy użyciu samobieżnego lub ciągnikowego opryskiwacza polowego.

Kukurydza

Termin stosowania:

Środek stosować przedwschodowo (BBCH 00), najpóźniej do 3 dni po siewie kukurydzy.

Maksymalna/zalecana dawka dla jednorazowego zastosowania: 0,8 kg/ha.

Zalecana ilość wody: 200-250 l/ha.

Zalecane opryskiwanie: średniokropliste.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

NASTĘPSTWO ROŚLIN

Po zbiorze kukurydzy uprawianej w normalnych warunkach wegetacji, odchwaszczonej środkiem Metodus 650 WG po wykonaniu głębokiej orki oraz zespołu zalecanych uprawek przedsewnych uprawiać można następujące rośliny rolnicze: pszenicę ozimą, pszenicę jara, pszenicę durum (ozimą, jara), jęczmień ozimy, jęczmień jary, fasolę, groch, rośliny włókniste, słonecznik, buraki cukrowe, ziemniaki, soję, kukurydzę (na ziarno, kiszonkę), kukurydzę cukrową oraz sorgo. W przypadku uprawy roślin wrażliwych takich jak: burak, bobowate, rzepak ozimy, słonecznik warzywa oraz wcześniej sianych zbóż ozimych w warunkach niekorzystnych dla rozkładu środka (gleby łatwo przesychające, o $\text{pH} < 6.0$, gleby o wysokiej zawartości substancji organicznej $>4.0\%$, niskiej aktywności biologicznej, wyjątkowo niskich temperaturach w okresie zimowym, wyjątkowo niskiej wilgotności gleby latem i/lub jesienią i/lub zimą, nakładanie się powierzchni opryskanej preparatem) możliwe jest wystąpienie uszkodzeń rośliny uprawnej.

W przypadku konieczności wcześniejszego zaorania plantacji potraktowanej środkiem Metodus 650 WG (np. w wyniku uszkodzenia kukurydzy przez grad, choroby, szkodniki lub przymrozki) na tym samym polu po wykonaniu orki na głębokość 20 cm można uprawiać tylko kukurydzę **pod warunkiem nie zastosowania środka ochrony roślin zawierającego izoksafłutol**.

ŚRODKI OSTROŻNOŚCI, OKRESY KARENCJI I SZCZEGÓLNE WARUNKI STOSOWANIA

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

Nie dotyczy

1. W przypadku suszy skuteczność środka może ulec obniżeniu wskutek braku możliwości przedostania się substancji czynnej do systemu korzeniowego chwastów.
2. W niekorzystnych warunkach pogodowych (np. susza, skrajnie niskie lub wysokie temperatury, duże wahania temperatur pomiędzy nocą a dniem) na niektórych odmianach kukurydzy środek może powodować przemijające objawy fitotoksyczności, nie mające wpływu na plon.
3. Nie zaleca się stosowania środka w liniach wsobnych kukurydzy, na plantacjach nasiennych oraz w kukurydzy cukrowej bez uprzedniego wykonania próbnego zabiegu w celu sprawdzenia, czy nie występują objawy uszkodzenia roślin lub bez skontaktowania się z doradcą albo przedstawicielem posiadacza zezwolenia.
4. Strategia zarządzania odpornością
W celu zminimalizowania ryzyka wystąpienia i rozwoju odporności chwastów na herbicydy należy zgodnie z Dobrą Praktyką Rolniczą:
 - postępować ściśle zgodnie ze wskazówkami zawartymi w etykiecie środka ochrony roślin – stosować środek w zalecanej dawce, w zalecany terminie zapewniającym optymalne zwalczanie chwastów,
 - dostosować dobór środka chwastobójczego oraz decyzji o wykonaniu zabiegu do panującego (ewentualnie potencjalnego) zachwaszczenia, z uwzględnieniem gatunków dominujących i progów szkodliwości,
 - stosować rotację herbicydów (substancji czynnych) o różnym mechanizmie działania,
 - stosować mieszankę herbicydów (substancji czynnych) o różnym mechanizmie działania,
 - stosować w rotacji i/lub mieszaninie herbicydy działające na kilka procesów życiowych chwastów (o różnym mechanizmie działania),
 - stosować herbicyd o danym mechanizmie działania tylko 1 raz w ciągu sezonu wegetacyjnego rośliny uprawnej,

- dostosować zabiegi uprawowe do warunków panujących na polu, zwłaszcza do rodzaju i nasilenia chwastów,
 - używać różnych metod kontroli zachwaszczenia, w tym zmianowania upraw itp.,
 - używać kwalifikowanego materiału siewnego,
 - czyścić maszyny rolnicze, aby zapobiec przenoszeniu materiału rozmnożeniowego chwastów na inne stanowiska,
 - informować posiadacza zezwolenia o nie satysfakcjonującym zwalczaniu chwastów,
 - w celu uzyskania szczegółowych informacji należy się skontaktować z doradcą, posiadaczem zezwolenia lub przedstawicielem posiadacza zezwolenia.
5. Środka nie stosować:
- w czasie opadu deszczu lub przed spodziewanym deszczem,
 - na rośliny osłabione lub uszkodzone przez szkodniki, przymrozki, zalanie lub suszę,
 - podczas wiatru stwarzającego możliwość znoszenia cieczy użytkowej na sąsiednie rośliny uprawne.
 - w stanowisku, kiedy po zastosowaniu środka zawierającego wyłącznie terbutylazynę uzyskano niską skuteczność chwastobójczą wskazującą na występowanie odporności
 - kiedy po zastosowaniu środka zawierającego wyłącznie terbutylazynę na jakimkolwiek etapie całego cyklu płodozmianu w danym stanowisku uzyskano niską skuteczność chwastobójczą wskazującą na występowanie odporności
 - na chwasty z tolerancją na triazyny
 - w stanowiskach, na których historycznie występowały biotypy odporne chwastów na środki z grupy atrazyn wykonać test potwierdzający i ich obecność poprzez aplikację środka zawierającego wyłącznie terbutylazynę. Wyniki testu wpisać do Rejestru Zabiegów Ochrony Roślin przed wykonaniem zabiegu środkiem METODUS 650 WG.
6. Podczas stosowania środka nie dopuścić do:
- znoszenia cieczy użytkowej na sąsiednie plantacje roślin uprawnych,
 - nakładania się cieczy użytkowej na stykach pasów zabiegowych i uwrociach.

SPORZĄDZANIE CIECZY UŻYTKOWEJ

Przed przystąpieniem do sporządzania cieczy użytkowej dokładnie ustalić potrzebną jej ilość. Odmierzoną ilość środka wsypać bezpośrednio do zbiornika opryskiwacza napełnionego częściowo wodą (z włączonym mieszadłem). Opróżnione opakowania przepłukać trzykrotnie wodą, a popłuczyny wlać do zbiornika opryskiwacza z cieczą użytkową. Następnie zbiornik opryskiwacza uzupełnić wodą do wymaganej ilości nadal dokładnie mieszając. Po zamknięciu zbiornika uruchomić mieszadło hydrauliczne.

Opryskiwać z włączonym mieszadłem.

Ciecz użytkową sporządzić bezpośrednio przed użyciem.

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

POSTĘPOWANIE Z RESZTKAMI CIECZY UŻYTKOWEJ I MYCIE APARATURY

Po pracy aparaturę dokładnie wymyć.

Resztki cieczy użytkowej oraz wodę użytą do mycia aparatury należy :

- po uprzednim rozcieńczeniu zużyć na powierzchni, na której przeprowadzono zabieg, jeżeli jest to możliwe, wykorzystać lub
- unieszkodliwić z wykorzystaniem rozwiązań technicznych zapewniających biologiczną degradację substancji czynnych środków ochrony roślin, lub
- unieszkodliwić w inny sposób, zgodny z przepisami o odpadach.

Ze względu na dużą wrażliwość niektórych roślin uprawnych nawet na niewielkie pozostałości środka, bardzo ważne jest dokładne wymycie opryskiwacza po zabiegu, zwłaszcza przed użyciem w innych roślinach uprawnych niż zalecane, zgodnie z podanym poniżej sposobem:

- opróżnić zbiornik, następnie wypłukać wszystkie części składowe opryskiwacza i ponownie opróżnić,
- napełnić zbiornik wodą dodając jeden ze środków zalecanych do mycia opryskiwaczy i płukać co najmniej 10 minut z włączonym mieszadłem,
- części składowe rozpylacza rozmontować, wymyć i wypłukać osobno w roztworze środka do mycia opryskiwaczy,
- ponownie wypłukać zbiornik i wszystkie części składowe opryskiwacza czystą wodą.

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.

Przed użyciem zapoznać się ze specjalnymi środkami ostrożności.

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

Nie wdychać rozpylonej cieczy.

Operator: Stosować rękawice ochronne oraz odzież ochronną zabezpieczającą przed oddziaływaniem środków ochrony roślin i odpowiednie obuwie w trakcie przygotowywania cieczy użytkowej oraz w trakcie wykonywania zabiegu.

Podczas wykonywania zabiegu należy zachować 5 metrową strefę buforową oraz dysze ograniczające znos.

Pracownik polowy: Stosować rękawice ochronne oraz odzież roboczą (długie spodnie, koszula z długim rękawem) oraz ograniczyć czas inspekcji terenu poddanego opryskowi: do 2 godzin.

Po wykonaniu zabiegu umieścić w widocznych miejscach wokół pola tablice ostrzegawcze o brzmieniu „Zakaz wstępu osobom postronnym na teren poddany zabiegom środkami ochrony roślin”. Tablice powinny pozostać do końca sezonu wegetacyjnego.

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

Zakaz wejścia przez osoby postronne na teren poddany opryskowi.

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 wód podziemnych środków może być stosowany raz na trzy lata.

W celu ochrony organizmów wodnych konieczne jest wyznaczenie zadarnionej strefy ochronnej o szerokości 20 m od zbiorników i cieków wodnych.

W celu ochrony roślin oraz stawonogów niebędących celem działania środka konieczne jest wyznaczenie strefy ochronnej o szerokości:

- 20 m od terenów nieużytkowanych rolniczo lub
- 10 m od terenów nieużytkowanych rolniczo z równoczesnym zastosowaniem technik redukujących znoszenie cieczy użytkowej podczas zabiegu o 50%, lub
- 5 m od terenów nieużytkowanych rolniczo z równoczesnym zastosowaniem technik redukujących znoszenie cieczy użytkowej podczas zabiegu o 75%.

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 pojemnik lub etykietę.

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

W przypadku połknięcia: W przypadku złego samopoczucia skontaktować się

Z ośrodkiem zatruc lub z lekarzem. Wypłukać usta.

W przypadku dostania się na skórę: Umyć dużą ilością wody z mydłem.

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

Okres ważności – 2 lata

Data produkcji

Zawartość netto

Nr partii

Załącznik do zezwolenia MRiRW nr R- 119/2019 z dnia 24.07.2019 r.

Posiadacz zezwolenia:

INNVIIGO Sp. z o.o., Aleje Jerozolimskie 178, 02-486 Warszawa, tel.: +48 22 468 26 70, e-mail: biuro@innvigo.com

Podmiot odpowiedzialny za końcowe pakowanie i etykietowanie środka ochrony roślin:

...

UNDITO 650 WG

Uwagi: sekcja pozostałości

Brak uwag po ocenie dodatkowych danych izoksaflutolu

Warunki zatwierdzenia substancji czynnej terbutyloazyny uległy zmianie po odnowieniu zatwierdzenia tej substancji. Aplikant powinien ustosunkować się do tych zmian.

Ponadto zmieniła się wartość NDP dla kukurydzy.

Uwagi: toksykologia

Zmieniono zapis: *Podczas wykonywania zabiegu należy zachować 5 metrową strefę buforową oraz dysze ograniczające znos.*

Środek przeznaczony do stosowania przez użytkowników profesjonalnych


Zawartość substancji czynnych:

izoksaflutol (związek z grupy pochodnych izoksazoli) – 100 g/kg (10 %)

mezotrion (związek z grupy pochodnych trójketonów) – 150 g/kg (15 %)

terbutylazyna (związek z grupy triazyn) – 400 g/kg (40 %)

Zezwolenie MRiRW nr R- 119 /2019 z dnia 24.07.2019 r.

	
Uwaga	
H302	Działa szkodliwie po połknięciu.
H315	Działa drażniąco na skórę.
H361d	Podejrzewa się, że działa szkodliwie na dziecko w łonie matki.
H373	Może powodować uszkodzenie narządów (oczy, układ nerwowy) poprzez długotrwałe lub powtarzane narażenie.
H410	Działa bardzo toksycznie na organizmy wodne, powodując długotrwałe skutki.
EUH 401	W celu uniknięcia zagrożeń dla zdrowia ludzi i środowiska, należy postępować zgodnie z instrukcją użycia.

P260	Nie wdychać rozpylonej cieczy użytkowej.
P280	Stosować odzież ochronną/rękawice ochronne.
P301 + P312	W PRZYPADKU POŁKNIECIA: W przypadku złego samopoczucia skontaktować się z OŚRODKIEM ZATRUĆ lub z lekarzem.
P302 + P352	W PRZYPADKU KONTAKTU ZE SKÓRĄ: Umyć dużą ilością wody / mydłem.
P308 + P313	W przypadku narażenia lub styczości: Zasięgnąć porady/zgłosić się pod opiekę lekarza.
	Zebrać rozsypany produkt.

OPIS DZIAŁANIA

HERBICYD selektywny o działaniu układowym, stosowany doglebowo, w formie granul do sporządzania zawiesiny wodnej (WG).

Zgodnie z klasyfikacją HRAC substancja czynna terbutylazyna zaliczana jest do grupy C1, a substancje czynne mezotrion i izoksafłutol zaliczane są do grupy F2.

DZIAŁANIE NA CHWASTY

Środek zawiera 3 substancje czynne należące do dwóch różnych grup chemicznych o odmiennym sposobie działania na chwasty.

Mezotrion i izoksafłutol są zaliczane do inhibitorów enzymu odpowiedzialnego za biosyntezę barwników fotoaktywnych co w konsekwencji prowadzi do zahamowania biosyntezy karotenoidów w roślinach chwastów, objawiające się bieleniem liści.

Mezotrion pobierany jest głównie przez liście oraz dodatkowo przez korzenie chwastów i szybko przemieszczany w roślinie, izoksafłutol pobierany jest przez korzenie, kielki i liścienie chwastów. Pierwsze objawy działania substancji czynnych widoczne są po 5-7 dniach od wykonania zabiegu. Zamieranie chwastów następuje po około 14 dniach.

Terbutylazyna zaliczana jest do inhibitorów procesu fotosyntezy, wywołuje w pierwszej kolejności chlorozy widoczne w szczególności w przestrzeniach między nerwami liści, a także na ich brzegach i wierzchołkach. Terbutylazyna pobierana jest głównie poprzez korzenie chwastów i w niewielkim stopniu poprzez ich liście. Zastosowanie terbutylazyny ogranicza wschody chwastów przez 6-8 tygodni po wykonaniu zabiegu.

Dobre uwilgotnienie gleby oraz korzystne warunki dla wzrostu i rozwoju kukurydzy sprzyjają działaniu środka.

Chwasty wrażliwe:	chwastnica jednostronna, fiołek polny, gwiazdnica pospolita, jasnota purpurowa, komosa biała, rdestówka powojowata, samosiewy rzepaku, tobołki polne, tasznik pospolity.
Chwasty średnioodporne:	rdest ptasi.

STOSOWANIE ŚRODKA

Środek przeznaczony do stosowania przy użyciu samobieżnego lub ciągnikowego opryskiwacza polowego.

Kukurydza

Termin stosowania:

Środek stosować przedwschodowo (BBCH 00), najpóźniej do 3 dni po siewie kukurydzy.

Maksymalna/zalecana dawka dla jednorazowego zastosowania: 0,8 kg/ha.

Zalecana ilość wody: 200-250 l/ha.

Zalecane opryskiwanie: średniokropliste.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

NASTĘPSTWO ROŚLIN

Po zbiorze kukurydzy uprawianej w normalnych warunkach wegetacji, odchwaszczonej środkiem Undito 650 WG po wykonaniu głębokiej orki oraz zespołu zalecanych uprawek przedsiewnych uprawiać można następujące rośliny rolnicze: pszenicę ozimą, pszenicę jary, pszenicę durum (ozimą, jary), jęczmień ozimy, jęczmień jary, fasolę, groch, rośliny włókniste, słonecznik, buraki cukrowe, ziemniaki, soję, kukurydzę (na ziarno, kiszonkę), kukurydzę cukrową oraz sorgo. W przypadku uprawy roślin wrażliwych takich jak: burak, bobowate, rzepak ozimy, słonecznik warzywa oraz wcześniej sianych zbóż ozimych w warunkach niekorzystnych dla rozkładu środka (gleby łatwo przesychnające, o $\text{pH} < 6.0$, gleby o wysokiej zawartości substancji organicznej $>4.0\%$, niskiej aktywności biologicznej, wyjątkowo niskich temperaturach w okresie zimowym, wyjątkowo niskiej wilgotności gleby latem i/lub jesienią i/lub zimą, nakładanie się powierzchni opryskanej preparatem) możliwe jest wystąpienie uszkodzeń rośliny uprawnej.

W przypadku konieczności wcześniejszego zaorania plantacji potraktowanej środkiem Undito 650 WG (np. w wyniku uszkodzenia kukurydzy przez grad, choroby, szkodniki lub przymrozki) na tym samym polu po wykonaniu orki na głębokość 20 cm można uprawiać tylko kukurydzę **pod warunkiem nie zastosowania środka ochrony roślin zawierającego izoksafłutol.**

ŚRODKI OSTROŻNOŚCI, OKRESY KARENCJI I SZCZEGÓLNE WARUNKI STOSOWANIA

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

Nie dotyczy

7. W przypadku suszy skuteczność środka może ulec obniżeniu wskutek braku możliwości przedostania się substancji czynnej do systemu korzeniowego chwastów.
8. W niekorzystnych warunkach pogodowych (np. susza, skrajnie niskie lub wysokie temperatury, duże wahania temperatur pomiędzy nocą a dniem) na niektórych odmianach kukurydzy środek może powodować przemijające objawy fitotoksyczności, nie mające wpływu na plon.
9. Nie zaleca się stosowania środka w liniach wsobnych kukurydzy, na plantacjach nasiennych oraz w kukurydzy cukrowej bez uprzedniego wykonania próbnego zabiegu w celu sprawdzenia, czy nie występują objawy uszkodzenia roślin lub bez skontaktowania się z doradcą albo przedstawicielem posiadacza zezwolenia.
10. Strategia zarządzania odpornością
W celu zminimalizowania ryzyka wystąpienia i rozwoju odporności chwastów na herbicydy należy zgodnie z Dobrą Praktyką Rolniczą:
 - postępować ściśle zgodnie ze wskazówkami zawartymi w etykiecie środka ochrony roślin – stosować środek w zalecanej dawce, w zalecany terminie zapewniającym optymalne zwalczanie chwastów,
 - dostosować dobór środka chwastobójczego oraz decyzji o wykonaniu zabiegu do panującego (ewentualnie potencjalnego) zachwaszczenia, z uwzględnieniem gatunków dominujących i progów szkodliwości,
 - stosować rotację herbicydów (substancji czynnych) o różnym mechanizmie działania,
 - stosować mieszankę herbicydów (substancji czynnych) o różnym mechanizmie działania,
 - stosować w rotacji i/lub mieszaninie herbicydy działające na kilka procesów życiowych chwastów (o różnym mechanizmie działania),
 - stosować herbicyd o danym mechanizmie działania tylko 1 raz w ciągu sezonu wegetacyjnego rośliny uprawnej,
 - dostosować zabiegi uprawowe do warunków panujących na polu, zwłaszcza do rodzaju i nasilenia chwastów,
 - używać różnych metod kontroli zachwaszczenia, w tym zmianowania upraw itp.,
 - używać kwalifikowanego materiału siewnego,
 - czyścić maszyny rolnicze, aby zapobiec przenoszeniu materiału rozmnożeniowego chwastów na inne stanowiska,
 - informować posiadacza zezwolenia o nie satysfakcjonującym zwalczaniu chwastów,

- w celu uzyskania szczegółowych informacji należy się skontaktować z doradcą, posiadaczem zezwolenia lub przedstawicielem posiadacza zezwolenia.

11. Środka nie stosować:

- w czasie opadu deszczu lub przed spodziewanym deszczem,
- na rośliny osłabione lub uszkodzone przez szkodniki, przymrozki, zalanie lub suszę,
- podczas wiatru stwarzającego możliwość znoszenia cieczy użytkowej na sąsiednie rośliny uprawne.
- w stanowisku, kiedy po zastosowaniu środka zawierającego wyłącznie terbutylazynę uzyskano niską skuteczność chwastobójczą wskazującą na występowanie odporności
- kiedy po zastosowaniu środka zawierającego wyłącznie terbutylazynę na jakimkolwiek etapie całego cyklu płodozmianu w danym stanowisku uzyskano niską skuteczność chwastobójczą wskazującą na występowanie odporności
- na chwasty z tolerancją na triazyny
- w stanowiskach, na których historycznie występowały biotypy odporne chwastów na środki z grupy atrazyn wykonać test potwierdzający i ich obecność poprzez aplikację środka zawierającego wyłącznie terbutylazynę. Wyniki testu wpisać do Rejestru Zabiegów Ochrony Roślin przed wykonaniem zabiegu środkiem UNDITO 650 WG.

12. Podczas stosowania środka nie dopuścić do:

- znoszenia cieczy użytkowej na sąsiednie plantacje roślin uprawnych,
- nakładania się cieczy użytkowej na stykach pasów zabiegowych i uwrociach.

SPORZĄDZANIE CIECZY UŻYTKOWEJ

Przed przystąpieniem do sporządzania cieczy użytkowej dokładnie ustalić potrzebną jej ilość. Odmierzoną ilość środka wsypać bezpośrednio do zbiornika opryskiwacza napełnionego częściowo wodą (z włączonym mieszadłem). Opróżnione opakowania przepłukać trzykrotnie wodą, a popłuczyny wlać do zbiornika opryskiwacza z cieczą użytkową. Następnie zbiornik opryskiwacza uzupełnić wodą do wymaganej ilości nadal dokładnie mieszając. Po zamknięciu zbiornika uruchomić mieszadło hydrauliczne.

Opryskiwać z włączonym mieszadłem.

Ciecz użytkową sporządzić bezpośrednio przed użyciem.

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

POSTĘPOWANIE Z RESZTKAMI CIECZY UŻYTKOWEJ I MYCIE APARATURY

Po pracy aparaturę dokładnie wymyć.

Resztki cieczy użytkowej oraz wodę użytą do mycia aparatury należy :

- po uprzednim rozcieńczeniu zużyć na powierzchni, na której przeprowadzono zabieg, jeżeli jest to możliwe, wykorzystać lub
- unieszkodliwić z wykorzystaniem rozwiązań technicznych zapewniających biologiczną degradację substancji czynnych środków ochrony roślin, lub
- unieszkodliwić w inny sposób, zgodny z przepisami o odpadach.

Ze względu na dużą wrażliwość niektórych roślin uprawnych nawet na niewielkie pozostałości środka, bardzo ważne jest dokładne wymycie opryskiwacza po zabiegu, zwłaszcza przed użyciem w innych roślinach uprawnych niż zalecane, zgodnie z podanym poniżej sposobem:

- opróżnić zbiornik, następnie wypłukać wszystkie części składowe opryskiwacza i ponownie opróżnić,
- napełnić zbiornik wodą dodając jeden ze środków zalecanych do mycia opryskiwaczy i płukać co najmniej 10 minut z włączonym mieszadłem,
- części składowe rozpylacza rozmontować, wymyć i wypłukać osobno w roztworze środka do mycia opryskiwaczy,
- ponownie wypłukać zbiornik i wszystkie części składowe opryskiwacza czystą wodą.

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.

Przed użyciem zapoznać się ze specjalnymi środkami ostrożności.

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

Nie wdychać rozpylonej cieczy.

Operator: Stosować rękawice ochronne oraz odzież ochronną zabezpieczającą przed oddziaływaniem środków ochrony roślin i odpowiednie obuwie w trakcie przygotowywania cieczy użytkowej oraz w trakcie wykonywania zabiegu.

Podczas wykonywania zabiegu należy zachować 5 metrową strefę buforową oraz dysze ograniczające znos.

Pracownik polowy: Stosować rękawice ochronne oraz odzież roboczą (długie spodnie, koszula z długim rękawem) oraz ograniczyć czas inspekcji terenu poddanego opryskowi: do 2 godzin.

Po wykonanym zabiegu umieścić w widocznych miejscach wokół pola tablice ostrzegawcze o brzmieniu „Zakaz wstępu osobom postronnym na teren poddany zabiegom środkami ochrony roślin”. Tablice powinny pozostać do końca sezonu wegetacyjnego.

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

Zakaz wejścia przez osoby postronne na teren poddany opryskowi.

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 wód podziemnych środków może być stosowany raz na trzy lata.

W celu ochrony organizmów wodnych konieczne jest wyznaczenie zadarnionej strefy ochronnej o szerokości 20 m od zbiorników i cieków wodnych.

W celu ochrony roślin oraz stawonogów niebędących celem działania środka konieczne jest wyznaczenie strefy ochronnej o szerokości:

- 20 m od terenów nieużytkowanych rolniczo lub
- 10 m od terenów nieużytkowanych rolniczo z równoczesnym zastosowaniem technik redukujących znoszenie cieczy użytkowej podczas zabiegu o 50%, lub
- 5 m od terenów nieużytkowanych rolniczo z równoczesnym zastosowaniem technik redukujących znoszenie cieczy użytkowej podczas zabiegu o 75%.

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 pojemnik lub etykietę.

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

W przypadku połknięcia: W przypadku złego samopoczucia skontaktować się

Z ośrodkiem zatruc lub z lekarzem. Wypłukać usta.

W przypadku dostania się na skórę: Umyć dużą ilością wody z mydłem.

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

Okres ważności – 2 lata

Data produkcji

Zawartość netto

Nr partii

JOTAMUN 650 WG

Uwagi: sekcja pozostałości

Brak uwag po ocenie dodatkowych danych izoksaflutolu

Warunki zatwierdzenia substancji czynnej terbutyloazyny uległy zmianie po odnowieniu zatwierdzenia tej substancji. Aplikant powinien ustosunkować się do tych zmian.
Ponadto zmieniła się wartość NDP dla kukurydzy.

Uwagi: toksykologia

Zmieniono zapis: *Podczas wykonywania zabiegu należy zachować 5 metrową strefę buforową oraz dysze ograniczające znos.*

Środek przeznaczony do stosowania przez użytkowników profesjonalnych

Zawartość substancji czynnych:

izoksaflutol (związek z grupy pochodnych izoksazoli) – 100 g/kg (10 %)
mezotrion (związek z grupy pochodnych trójketonów) – 150 g/kg (15 %)
terbutylazyna (związek z grupy triazyn) – 400 g/kg (40 %)

Zezwolenie MRiRW nr R- 119 /2019 z dnia 24.07.2019 r.



Uwaga

H302	Działa szkodliwie po połknięciu.
H315	Działa drażniąco na skórę.
H361d	Podejrzewa się, że działa szkodliwie na dziecko w łonie matki.
H373	Może powodować uszkodzenie narządów (oczy, układ nerwowy) poprzez długotrwałe lub powtarzane narażenie.
H410	Działa bardzo toksycznie na organizmy wodne, powodując długotrwałe skutki.
EUH 401	W celu uniknięcia zagrożeń dla zdrowia ludzi i środowiska, należy postępować zgodnie z instrukcją użycia.
P260	Nie wdychać rozpylonej cieczy użytkowej.
P280	Stosować odzież ochronną/rękawice ochronne.
P301 + P312	W PRZYPADKU POŁKNIECIA: W przypadku złego samopoczucia skontaktować się z OŚRODKIEM ZATRUĆ lub z lekarzem.
P302 + P352	W PRZYPADKU KONTAKTU ZE SKÓRĄ: Umyć dużą ilością wody / mydłem.
P308 + P313	W przypadku narażenia lub styczości: Zasięgnąć porady/zgłosić się pod opiekę lekarza.
	Zebrać rozsypany produkt.

OPIS DZIAŁANIA

HERBICYD selektywny o działaniu układowym, stosowany doglebowo, w formie granul do sporządzania zawiesiny wodnej (WG).

Zgodnie z klasyfikacją HRAC substancja czynna terbutylazyna zaliczana jest do grupy C1, a substancje czynne mezotrion i izoksafłutol zaliczane są do grupy F2.

DZIAŁANIE NA CHWASTY

Środek zawiera 3 substancje czynne należące do dwóch różnych grup chemicznych o odmiennym sposobie działania na chwasty.

Mezotrion i izoksafłutol są zaliczane do inhibitorów enzymu odpowiedzialnego za biosyntezę barwników fotoaktywnych co w konsekwencji prowadzi do zahamowania biosyntezy karotenoidów w roślinach chwastów, objawiające się bieleniem liści.

Mezotrion pobierany jest głównie przez liście oraz dodatkowo przez korzenie chwastów i szybko przemieszczany w roślinie, izoksafłutol pobierany jest przez korzenie, kielki i liścienie chwastów. Pierwsze objawy działania substancji czynnych widoczne są po 5-7 dniach od wykonania zabiegu. Zamieranie chwastów następuje po około 14 dniach.

Terbutylazyna zaliczana jest do inhibitorów procesu fotosyntezy, wywołuje w pierwszej kolejności chlorozy widoczne w szczególności w przestrzeniach między nerwami liści, a także na ich brzegach i wierzchołkach. Terbutylazyna pobierana jest głównie poprzez korzenie chwastów i w niewielkim stopniu poprzez ich liście. Zastosowanie terbutylazyny ogranicza wschody chwastów przez 6-8 tygodni po wykonaniu zabiegu.

Dobre uwilgotnienie gleby oraz korzystne warunki dla wzrostu i rozwoju kukurydzy sprzyjają działaniu środka.

Chwasty wrażliwe:	chwastnica jednostronna, fiołek polny, gwiazdnica pospolita, jasnota purpurowa, komosa biała, rdestówka powojowata, samosiewy rzepaku, tobołki polne, tasznik pospolity.
Chwasty średnioodporne:	rdest ptasi.

STOSOWANIE ŚRODKA

Środek przeznaczony do stosowania przy użyciu samobieżnego lub ciągnikowego opryskiwacza polowego.

Kukurydza

Termin stosowania:

Środek stosować przedwschodowo (BBCH 00), najpóźniej do 3 dni po siewie kukurydzy.

Maksymalna/zalecana dawka dla jednorazowego zastosowania: 0,8 kg/ha.

Zalecana ilość wody: 200-250 l/ha.

Zalecane opryskiwanie: średniokropliste.

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 1.

NASTĘPSTWO ROŚLIN

Po zbiorze kukurydzy uprawianej w normalnych warunkach wegetacji, odchwaszczonej środkiem Jotamun WG po wykonaniu głębokiej orki oraz zespołu zalecanych uprawek przedsiewnych uprawiać można następujące rośliny rolnicze: pszenicę ozimą, pszenicę jară, pszenicę durum (ozimą, jară), jęczmień ozimy, jęczmień jary, fasolę, groch, rośliny włókniste, słonecznik, buraki cukrowe, ziemniaki, soję, kukurydzę (na ziarno, kiszonkę), kukurydzę cukrową oraz sorgo. W przypadku uprawy roślin wrażliwych takich jak: burak, bobowate, rzepak ozimy, słonecznik warzywa oraz wcześniej sianych zbóż ozimych w warunkach niekorzystnych dla rozkładu środka (gleby łatwo przesycające, o pH < 6.0, gleby o wysokiej zawartości substancji organicznej >4.0%, niskiej aktywności biologicznej, wyjątkowo niskich temperaturach).

rach w okresie zimowym, wyjątkowo niskiej wilgotności gleby latem i/lub jesienią i/lub zimą, nakładanie się powierzchni opryskanej preparatem) możliwe jest wystąpienie uszkodzeń rośliny uprawnej.

W przypadku konieczności wcześniejszego zaorania plantacji potraktowanej środkiem Jotamun 650 WG (np. w wyniku uszkodzenia kukurydzy przez grad, choroby, szkodniki lub przymrozki) na tym samym polu po wykonaniu orki na głębokość 20 cm można uprawiać tylko kukurydzę **pod warunkiem nie zastosowania środka ochrony roślin zawierającego izoksaflutol.**

ŚRODKI OSTROŻNOŚCI, OKRESY KARENCJI I SZCZEGÓLNE WARUNKI STOSOWANIA

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

Nie dotyczy

13. W przypadku suszy skuteczność środka może ulec obniżeniu wskutek braku możliwości przedostania się substancji czynnej do systemu korzeniowego chwastów.
14. W niekorzystnych warunkach pogodowych (np. susza, skrajnie niskie lub wysokie temperatury, duże wahania temperatur pomiędzy nocą a dniem) na niektórych odmianach kukurydzy środek może powodować przemijające objawy fitotoksyczności, nie mające wpływu na plon.
15. Nie zaleca się stosowania środka w liniach wsobnych kukurydzy, na plantacjach nasiennych oraz w kukurydzy cukrowej bez uprzedniego wykonania próbnego zabiegu w celu sprawdzenia, czy nie występują objawy uszkodzenia roślin lub bez skontaktowania się z doradcą albo przedstawicielem posiadacza zezwolenia.
16. Strategia zarządzania odpornością
W celu zminimalizowania ryzyka wystąpienia i rozwoju odporności chwastów na herbicydy należy zgodnie z Dobrą Praktyką Rolniczą:
 - postępować ściśle zgodnie ze wskazówkami zawartymi w etykiecie środka ochrony roślin – stosować środek w zalecanej dawce, w zalecany terminie zapewniającym optymalne zwalczanie chwastów,
 - dostosować dobór środka chwastobójczego oraz decyzji o wykonaniu zabiegu do panującego (ewentualnie potencjalnego) zachwaszczenia, z uwzględnieniem gatunków dominujących i progów szkodliwości,
 - stosować rotację herbicydów (substancji czynnych) o różnym mechanizmie działania,
 - stosować mieszankę herbicydów (substancji czynnych) o różnym mechanizmie działania,
 - stosować w rotacji i/lub mieszaninie herbicydy działające na kilka procesów życiowych chwastów (o różnym mechanizmie działania),
 - stosować herbicyd o danym mechanizmie działania tylko 1 raz w ciągu sezonu wegetacyjnego rośliny uprawnej,
 - dostosować zabiegi uprawowe do warunków panujących na polu, zwłaszcza do rodzaju i nasilenia chwastów,
 - używać różnych metod kontroli zachwaszczenia, w tym zmianowania upraw itp.,
 - używać kwalifikowanego materiału siewnego,
 - czyścić maszyny rolnicze, aby zapobiec przenoszeniu materiału rozmnożeniowego chwastów na inne stanowiska,
 - informować posiadacza zezwolenia o nie satysfakcjonującym zwalczaniu chwastów,
 - w celu uzyskania szczegółowych informacji należy się skontaktować z doradcą, posiadaczem zezwolenia lub przedstawicielem posiadacza zezwolenia.
17. Środka nie stosować:
 - w czasie opadu deszczu lub przed spodziewanym deszczem,
 - na rośliny osłabione lub uszkodzone przez szkodniki, przymrozki, zalanie lub suszę,
 - podczas wiatru stwarzającego możliwość znoszenia cieczy użytkowej na sąsiednie rośliny uprawne.
 - w stanowisku, kiedy po zastosowaniu środka zawierającego wyłącznie terbutylazynę uzyskano niską skuteczność chwastobójczą wskazującą na występowanie odporności

- kiedy po zastosowaniu środka zawierającego wyłącznie terbutylazynę na jakimkolwiek etapie całego cyklu płodozmianu w danym stanowisku uzyskano niską skuteczność chwastobójczą wskazującą na występowanie odporności
- na chwasty z tolerancją na triazyny
- w stanowiskach, na których historycznie występowały biotypy odporne chwastów na środki z grupy atrazyn wykonać test potwierdzający i ich obecność poprzez aplikację środka zawierającego wyłącznie terbutylazynę. Wyniki testu wpisać do Rejestru Zabiegów Ochrony Roślin przed wykonaniem zabiegu środkiem JOTAMUN 650 WG.

18. Podczas stosowania środka nie dopuścić do:

- znoszenia cieczy użytkowej na sąsiednie plantacje roślin uprawnych,
- nakładania się cieczy użytkowej na stykach pasów zabiegowych i uwrociach.

SPORZĄDZANIE CIECZY UŻYTKOWEJ

Przed przystąpieniem do sporządzania cieczy użytkowej dokładnie ustalić potrzebną jej ilość. Odmierzoną ilość środka wsypać bezpośrednio do zbiornika opryskiwacza napełnionego częściowo wodą (z włączonym mieszadłem). Opróżnione opakowania przepłukać trzykrotnie wodą, a popłuczyny wlać do zbiornika opryskiwacza z cieczą użytkową. Następnie zbiornik opryskiwacza uzupełnić wodą do wymaganej ilości nadal dokładnie mieszając. Po zamknięciu zbiornika uruchomić mieszadło hydrauliczne.

Opryskiwać z włączonym mieszadłem.

Ciecz użytkową sporządzić bezpośrednio przed użyciem.

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

POSTĘPOWANIE Z RESZTKAMI CIECZY UŻYTKOWEJ I MYCIE APARATURY

Po pracy aparaturę dokładnie wymyć.

Resztki cieczy użytkowej oraz wodę użytą do mycia aparatury należy :

- po uprzednim rozcieńczeniu zużyć na powierzchni, na której przeprowadzono zabieg, jeżeli jest to możliwe, wykorzystać lub
- unieszkodliwić z wykorzystaniem rozwiązań technicznych zapewniających biologiczną degradację substancji czynnych środków ochrony roślin, lub
- unieszkodliwić w inny sposób, zgodny z przepisami o odpadach.

Ze względu na dużą wrażliwość niektórych roślin uprawnych nawet na niewielkie pozostałości środka, bardzo ważne jest dokładne wymycie opryskiwacza po zabiegu, zwłaszcza przed użyciem w innych roślinach uprawnych niż zalecane, zgodnie z podanym poniżej sposobem:

- opróżnić zbiornik, następnie wypłukać wszystkie części składowe opryskiwacza i ponownie opróżnić,
- napełnić zbiornik wodą dodając jeden ze środków zalecanych do mycia opryskiwaczy i płukać co najmniej 10 minut z włączonym mieszadłem,
- części składowe rozpylacza rozmontować, wymyć i wypłukać osobno w roztworze środka do mycia opryskiwaczy,
- ponownie wypłukać zbiornik i wszystkie części składowe opryskiwacza czystą wodą.

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.

Przed użyciem zapoznać się ze specjalnymi środkami ostrożności.

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

Nie wdychać rozpylonej cieczy.

Operator: Stosować rękawice ochronne oraz odzież ochronną zabezpieczającą przed oddziaływaniem środków ochrony roślin i odpowiednie obuwie w trakcie przygotowywania cieczy użytkowej oraz w trakcie wykonywania zabiegu.

Podczas wykonywania zabiegu należy zachować 5 metrową strefę buforową oraz dysze ograniczające znos.

Pracownik polowy: Stosować rękawice ochronne oraz odzież roboczą (długie spodnie, koszula z długim rękawem) oraz ograniczyć czas inspekcji terenu poddanego opryskowi: do 2 godzin.

Po wykonanym zabiegu umieścić w widocznych miejscach wokół pola tablice ostrzegawcze o brzmieniu „Zakaz wstępu osobom postronnym na teren poddany zabiegom środkami ochrony roślin”. Tablice powinny pozostać do końca sezonu wegetacyjnego.

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

Zakaz wejścia przez osoby postronne na teren poddany opryskowi.

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 wód podziemnych środek może być stosowany raz na trzy lata.

W celu ochrony organizmów wodnych konieczne jest wyznaczenie zadarnionej strefy ochronnej o szerokości 20 m od zbiorników i cieków wodnych.

W celu ochrony roślin oraz stawonogów niebędących celem działania środka konieczne jest wyznaczenie strefy ochronnej o szerokości:

- 20 m od terenów nieużytkowanych rolniczo lub
- 10 m od terenów nieużytkowanych rolniczo z równoczesnym zastosowaniem technik redukujących znoszenie cieczy użytkowej podczas zabiegu o 50%, lub
- 5 m od terenów nieużytkowanych rolniczo z równoczesnym zastosowaniem technik redukujących znoszenie cieczy użytkowej podczas zabiegu o 75%.

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 pojemnik lub etykietę.

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

W przypadku połknięcia: W przypadku złego samopoczucia skontaktować się
Z ośrodkiem zatruc lub z lekarzem. Wypłukać usta.
W przypadku dostania się na skórę: Umyć dużą ilością wody z mydłem.
W przypadku wystąpienia podrażnienia skóry: Zasięgnąć porady/zgłosić się pod opiekę lekarza.

Okres ważności – 2 lata

Data produkcji

Zawartość netto

Nr partii

Appendix 3 Letter of Access.

No letter of access is provided.

Appendix 4 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 5.3/01	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04983 (field phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 5.3/02	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04903 (field phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 5.3/03	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Eurofins, Germany Study no.: S17-04904 (field phase) GLP unpublished				
KCP 5.3/04	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04905 (field phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 5.3/05	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04906 (field phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 6.3/01	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Eurofins, Germany Study no.: S17-04983 (field phase) GLP unpublished				
KCP 6.3/02	Dr. Sönke Lakaschus Sabrina Fritzsich	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04983 (Analytical phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 6.3/03	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04903 (field phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 6.3/04	Dr. Sönke Lakaschus Sabrina Fritzsich	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Eurofins, Germany Study no.: S17-04903 (Analytical phase) GLP unpublished				
KCP 6.3/05	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04904 (field phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 6.3/06	Dr. Sönke Lakaschus Sabrina Fritsch	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04904 (Analytical phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 6.3/07	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Eurofins, Germany Study no.: S17-04905 (field phase) GLP unpublished				
KCP 6.3/08	Dr. Sönke Lakaschus Sabrina Fritzsche	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04905 (Analytical phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 6.3/09	Jörg Semrau	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04906 (field phase) GLP unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCP 6.3/10	Dr. Sönke Lakaschus	2018	Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis-	Chemiro/Innvigo

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
	Sabrina Fritsch		application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Eurofins, Germany Study no.: S17-04906 (Analytical phase) GLP unpublished			tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	
KCP 9.1.3/02	L.Lupicki	2019	CHR/H/TERIZ 650 WG Predicted environmental concentration of isoxaflutole and their metabolites in soil, ground water and surface water after renewal of active substance isoxaflutole. Study code: TERIZ-B8 Non GLP Unpublished	N	N	-	Chemiro/Innvigo
KCP 9.2.4/02	L.Lupicki	2019	CHR/H/TERIZ 650 WG Predicted environmental concentration of isoxaflutole and their metabolites in soil, ground water and surface water after renewal of active substance isoxaflutole PUH Chemirol Sp. z o.o. Study code: TERIZ-B8 Non GLP Unpublished	N	N	-	Chemiro/Innvigo
KCP 9.2.5/02	L.Lupicki	2019	CHR/H/TERIZ 650 WG Predicted environmental concentration of isoxaflutole and their metabolites in soil, ground water	N	N	-	Chemiro/Innvigo

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
			and surface water after renewal of active substance isoxaflutole. PUH Chemirol Sp. z o.o. Study code: TERIZ-B8 Non GLP Unpublished				
KCA 1.11	Dave Pomeroy	2016	Analysis of 5 batches of Isoxaflutole Technical Material to Determine the Content of Active Ingredient and specified impurities, in Compliance with Good Laboratory Practise DNA3171	N	Y	5 batch analysis is strictly confidential part as covers information on the source of active ingredient Data protection in this case is indefinite.	Chemirol/Innvigo
KCA 2.7/02	Zieliński, J.	2016	RPA 202248 Determination of partition coefficient 1-octanol/water at three pH values Study no: BF-56/16-02 IPO Warszawa GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemirol/Innvigo
KCA 2.7/02	Lewandowska, M.	2016	RPA 203328 Determination of partition coefficient 1-octanol/water at three pH values Study no: BF-57/16-02 IPO Warszawa	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemirol/Innvigo

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
			GLP, unpublished				
KCA 2.7/02	Zieliński, J. .	2016	RPA 205834 Determination of partition coefficient 1-octanol/water at three pH values Study no: BF-58/16-02 IPO Warszawa GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.13/02	Flasińska, P.	2016	Isoxafutole TC Determination of flammability, relative, self-ignition temperature and oxidizing properties Study No.: BC-99/16 GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.11/02	Buczowski, D.	2016	Isoxafutole TC Determination of explosive properties Study No.: BC-17/16 GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.14/02	Zieliński, J.	2016	RPA 202248 Determination of solubility in water at three pH values Study nu.: BF-56/16-01 GLP, unpublished IPO Warszawa	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.14/03	Petryka, M.	2016	RPA 202248 Determination of vapour pressure using	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland	Chemiro/Innvigo

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
			effusion method with Knudsen cell Study nu.: BC-82/16 GLP, unpublished IPO Warszawa			(dated January 10 th 2024).	
KCA 2.14/04	Sobera-Madej, S.	2016	RPA 202248 Determination of the dissociation constant Study nu.: BF-56/16-03 GLP, unpublished IPO Warszawa	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.14/06	Petryka, M.	2016	RPA 203328 Determination of vapour pressure using effusion method with Knudsen cell Study nu.: BC-83/16 GLP, unpublished IPO Warszawa	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.14/07	Sobera-Madej, S.	2016	RPA 203328 Determination of the dissociation constant Study code: BF-57/16-03 GLP, unpublished IPO Warszawa	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.14/08	Zieliński, J.	2016	RPA 205834 Determination of solubility in water at three	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis-	Chemiro/Innvigo

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
			pH values Study nu.: BF-58/16-01 GLP, unpublished IPO Warszawa			tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	
KCA 2.14/09	Petryka, M.	2016	RPA 205834 Determination of vapour pressure using effusion method with Knudsen cell Study nu.: BC-84/16 GLP, unpublished IPO Warszawa	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 2.14/10	Sobera-Madej. S.	2016	RPA 205834 Determination of the dissociation constant Study code: BF-58/16-03 GLP, unpublished IPO Warszawa	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 4.1.1/11	Pomeroy, D.	2016	Validation of the Method of Determination of Active Ingredient and Specified Impurities in Isoxaflutole Technical Material, in Com- pliance with Good Laboratory Practice Study Number: DNA3172 DNAL Laboratory GLP/GEP: Yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 4.1.2/21	Jörg Semrau	2018	Final Report	N	Y	Study used in RR of Taizza Plus 250	Chemiro/Innvigo

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
			Determination of residues of terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 Study code: S17-04903 Study code: S17-04904 Study code: S17-04905 Study code: S17-04906 Study code: S17-04983 GLP, unpublished			SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	
KCA 4.1.2/21	Dr. Sönke Lakaschus Sabrina Fritzs	2017	Analytical Phase Report Determination of residues terbuthylazine, mesotrione and isoxaflutole after one application of TERIZ 650 WG in maize at 1 site in Northern Europe 2017 GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 4.2/27	Dr Knop, M.	2019	Development and Validation of an Analytical Method for the Determination of Isoxaflutole and RPA202248 in Different Plant Matrices Study Code S19-04082 Eurofins Agrosience Services EcoChem GmbH GLP/GEP: Yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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 4.2/29	Imart, C.	2019	Independent Laboratory Validation of Analytical Method for the Determination of Isoxaflutole and RPA 202248 in Foodstuffs of Plant Origin Study Code S19-04084 Eurofins Agroscience Services Chem SAS 75 B Avenue de Pascalet 30310 Vergèze France GLP/GEP: Yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 4.2/30	Dr Knop, M.	2019	Final Report Development and Validation of an Analytical Method for the Determination of Isoxaflutole and RPA202248 in Different Animal Matrices Eurofins Agroscience Services EcoChem GmbH Eutinger Str. 24 D-75223 Niefern-Öschelbronn Germany Study Code: S19-04083 GLP/GEP: Yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 4.2/31	Imart, C.	2019	Independent Laboratory Validation of Ana-	N	Y	Study used in RR of Taizza Plus 250	Chemiro/Innvigo

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
			lytical Method for the Determination of Isoxaflutole and RPA 202248 in Foodstuffs of Animal Origin Eurofins Agroscience Services Chem SAS 75 B Avenue de Pascalet 30310 Vergèze France Study Code S19-04085 GLP/GEP: yes Unpublished			SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland.	
KCA 5.1.1/01	Solà J.	2016	[Phenyl-UL-14C]Isoxaflutole: Metabolic Stability and Profiling in Liver Microsomes from Rats and Humans for Inter-species Comparison Envigo Study Number: S57580 GLP/GEP: yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 5.2.7/01	Antosik, J.	2016	Phototoxicity Test of isoxaflutole according to the OECD 432 Guideline (In Vitro 3T3 NRU Phototox- icity Test) Study number: K80/JA/02 Selvita	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			GLP, unpublished				
KCA 5.8.1/11	Antonik, J.	2016	In vitro evaluation of RPA203328 using the micronucleus assay (MNA) Study numer: K81/JA/02 Selvita, GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 5.8.1/12	Antonik, J.	2016	In vitro Mammalian Cell Gene Mutation test (OECD 490) - genotoxicity determination of RPA203328. Study number: K82/JA/02 GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 7.1.2.2.1/03	Rooney, P.	2018	Field dissipation assessment and quantification of RPA 202248 and secondary metabolite RPA 203328 residues in soil cores after spray application of RPA 202248 at four EU based field sites Fera Study Number: FR/000490 Fera Science Ltd, UK GLP, unprotected	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 7.1.2.2.1/03	van Beinum, W.	2018	Normalisation and kinetic analysis to derive field DT50 for RPA 202248 and RPA 203328 Project code: RA0530	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Report Number: E2017-46 Supporting Materials: E2017-46-A1 and A2 Enviresearch Limited GLP, unprotected				
KCA 7.1.3.1.2/09	Winiarska, K.	2017	RPA 203328 Adsorption – Desorption Using a Batch Equilibrium Method according to the OECD Guideline No. 106 and the EU Method C.18. STUDY CODE: C/14/16 IPO Pszczyna GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 7.2.2.2/01	Strack, J.	2017	[phenyl-U-14C]Isoxaflutole: Aerobic Mineralisation in Surface Water – Simulation Biodegradation Project: 96101120 Ibacon GmbH GLP, unprotected	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.2.4.2/02	Fox, M.	2019	Isoxaflutole: Determination of Mysid (Amer- icamysis bahia) acute toxicity under flow through conditions Study number 1037.00302 Scymaris Ltd., Brixham Laboratory, Fresh- water Quarry, Brixham, Devon, TQ5 8BA, UK	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			GLP, unprotected				
KCA 8.2.3.2/03	B.Burden	2021	RPA 202248: Determination of acute toxicity to <i>Americamysis bahia</i> in a semi-static test Study No. 1037.00404 Scymaris Ltd., Brixham Laboratory, Freshwater Quarry, Brixham, Devon, TQ5 8BA, UK GLP: yes unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.2.5.1/02	Dr. Carmen Börschig Dr. Christoph Härtel	2016	Isoxaflutole: Influence to <i>Daphnia magna</i> in a Semi-Static Reproduction Test Project 110421221 ibacon GmbH Arheilger Weg 17 64380 Rossdorf Germany	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.2.5.1/02	Maunder.R.	2019	Isoxaflutole: Chronic toxicity to mysids <i>Americamysis bahia</i> under flow-through conditions Study number 1037.00303 Scymaris Ltd., Brixham Laboratory, Freshwater Quarry, Brixham, Devon, TQ5 8BA, UK	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.2.5.1/03	Bak, P.	2019	Isoxaflutol a.s. <i>Raphidocelis subcapitata</i> SAG 61.81 (formerly <i>Pseudokirchneriella subcapitata</i>) Growth inhibition test	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			according to the OECD Guideline No. 201 (2006) STUDY CODE: W/27/19 , MSc Testing facility: Institute of Industrial Organic Chemistry Branch Pszczyna GLP/GEP: yes (certified laboratory) Unpublished				
KCA 8.2.6.1/06	Konfederek, E.	2017	Izoxaflutole a.s. Anabaena flos-aquae UTEX B 1444 Growth inhibition test according to the OECD Guideline No. 201 (2006) / EU Method C.3. STUDY CODE: W/178/16 IPO Pszczyna GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.2.6.2/01	Bąk, P.	2019	Isoxaflutol a.s. Navicula pelliculosa SAG 1050-3 Growth inhibition test according to the OECD Guideline No. 201 (2006), EU Method C.3. STUDY CODE: W/30/19 Łukasiewicz Research Network – Institute of Industrial Organic Chemistry, Branch Pszczyna GLP/GEP: yes	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Unpublished				
KCA 8.2.6.2/02	Turek, T.	2017	CHR/H/TERIZ Water-sediment Myriophyllum spicatum toxicity test According to OECD Guideline No. 239 (2014) STUDY CODE: W/226/17 IPO Warszawa GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.2.6.2/03	Dr. Carmen Börschig Dr. Christoph Härtel	2016	RPA 203328: Toxicity to the Aquatic Plant Lemna gibba in a Static Growth Inhibition Test (GLP compliant study based on OECD Guideline 221, adopted March 2006, equiva- lent to Commission Regulation (EC) No 761/2009, C.26., 2009) Project 110411240 IBACON GLP/GEP: yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.2.7/05	Dr. Carmen Börschig Dr. Christoph Härtel	2016	RPA205834: Toxicity to the Aquatic Plant Lemna gibba in a Semi-Static Growth Inhibition Test Project 110441240 ibacon GmbH	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Arheilger Weg 17 64380 Rossdorf Germany GLP, unpublished				
KCA 8.3.1.1.1/02	Sekine, T.	2015	Isoxaflutole/Mesotrione/ Terbutylazine 100/150/400 g/kg WG: Effects (Acute Contact and Oral) on Honey Bees (Apis mellifera L.) in the Laboratory (GLP compliant study based on OECD 213 and 214 (1998)) Project 105461035 IBACON GLP/GEP: yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.3.1.2/01	Stefanie Schabio, Fabian Kow- alczyk	2018	CHR/H/TERIZ 650 WG: Chronic Oral Toxicity Test on the Honey Bee (Apis mellifera L.) in the Laboratory ibacon Study No. 135471136 GLP, unprotected	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.3.1.3/01	Stefanie Schabio, Fabian Kow- alczyk	2019	CHR/H/TERIZ 650 WG: Honey Bee (Apis mellifera L.) Larval Tox- icity Test (7 days), Single Exposure ibacon Study No. 135471032 GLP, unprotected.	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.3.1.3/01	S.Wilkins	2020	CHR/H/TERIZ 650 WG (a WG formulation of	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis-	Chemiro/Innvigo

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
			Terbuthylazine, Mesotrione and Isoxaflutole): In vitro 22 day toxicity test - repeated exposure to larval stage honeybees (<i>Apis mellifera</i> L.) Study No. FR/002355-11 Fera Science Ltd. Centre for Chemical Safety & Stewardship Sand Hutton York, UK GLP: yes Unpublished			tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	
KCA 8.4.1/01	Wołany, M	2019	Isoxaflutole a.s. Earthworm Reproduction Test (<i>Eisenia andrei</i>) according to OECD Guideline No. 222 (2016) STUDY CODE: G/20/19 Łukasiewicz Research Network – Institute of Industrial Organic Chemistry Branch Pszczyna GLP/GEP: yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemirol/Innvigo
KCA 8.4.1/02	Ulf Lührs	2016	RPA 202248: Effects on Reproduction and Growth of Earthworms <i>Eisenia fetida</i> in Artificial Soil Project 110401022	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemirol/Innvigo

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
			Ibacon, GLP, unpublished				
KCA 8.4.1/03	Ulf Lührs	2016	RPA 203328:: Effects on Reproduction and Growth of Earthworms Eisenia fetida in Artificial Soil Project 110411022 Ibacon, GLP, unpublished	N	Y	Study used in RR of Taizsa Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.4.2.1/01	Lührs, U.	2016	Isoxaflutole 98% TC: Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Project 110421016 IBACON, GLP, unpublished	N	Y	Study used in RR of Taizsa Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.4.2.1/02	Lührs, U.	2016	Isoxaflutole 98% TC: Effects on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Project 110421089	N	Y	Study used in RR of Taizsa Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.4.2.1/03	Lührs, U.	2016	RPA202248: Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Project 110401016 IBACON, GLP, unpublished	N	Y	Study used in RR of Taizsa Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.4.2.1/04	Lührs, U.	2016	RPA202248	N	Y	Study used in RR of Taizsa Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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
			Effects on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Project 110401089 IBACON GLP, unpublished			tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	
KCA 8.4.2.1/05	Lührs, U.	2016	RPA203328: Effects on Reproduction of the Collembola Folsomia candida in Artificial Soil with 5% Peat Project 110411016 IBACON, GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.4.2/06	Lührs, U.	2016	RPA203328 Effects on Reproduction of the Predatory Mite Hypoaspis aculeifer in Artificial Soil with 5% Peat Project 110411089 IBACON GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo
KCA 8.5/04	Dr. Ute Ham- mesfahr	2016	RPA 202248: Effects on the Activity of the Soil Microflora in the Laboratory (Nitrogen Transformation) Project 110401080 IBACON, GLP, unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first regis- tration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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 8.8/01	Gierbuszewska, A.	2019	Isoxaflutole a.s. Activated Sludge, Respiration Inhibition Test according to the OECD Guideline No. 209 (2010) / EU Method C.11. STUDY CODE: G/21/19 Łukasiewicz Research Network – Institute of Industrial Organic Chemistry, Branch Pszczyna GLP/GEP: yes Unpublished	N	Y	Study used in RR of Taizza Plus 250 SC, protected 10 years since first registration of Taiza Plus 250 SC in Poland (dated January 10 th 2024).	Chemiro/Innvigo

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

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 5.1.2/01	Dieterle, R.	1993	GS13529, Applicability of Multiresidue Method DFG S 19 for determination of GS 13529 in maize(grain and whole plant) Company Report No: 121-92 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd.,Basel Switzrland GLP Unpublished	N	N	-	Syngenta
KCP	Ferguson, L.	2009	Terbutylazine – Independent Laboratory validation of analytical method no. REM	N	N	-	Syngenta/

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
5.1.2/02			201.01 for the determination of terbuthylazine (GS 13529) and its Metabolites GS26379 and GS28620 in whole Maize Plants and Rape seed. Company Report No: GS13529_10121 Syngenta-Jealott Hill Bracknell UK, Oxon Italia S.p.A., Pero, Italy Charles River Laboratories, Edinburgh, UK, 30377 GLP Unpublished				Oxon
KCP 5.1.2/03	Luetolf, W.	1995a	Determination of residues of parent compound by gas chromatography (GC), Soil Company Report No: REM 148.05 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd., Basel Switzerland GLP Unpublished	N	N	-	Syngenta
KCP 5.1.2/04	Figueiredo J	2003	Determination of GS13529 (Terbuthylazine) and its metabolites GS26379, GS28620 and GS23158 in soil by LC-MS/MS.REM 148.11 Report No: REM 148.11 Syngenta Crop Protection, AG, Basel GLP no Unpublished	N	N	-	Syngenta
KCP 5.1.2/05	Robinson, N.	2004	Residue analytical method for the determination of residues of terbuthylazine (GS 13529), GS23158, GS26379 and GS28620 in Water Report No: REM 426/01 Syngenta Crop Protection, AG, Basel, Switzerland Syngenta, Jealotts Hill, UK GLP Unpublished	N	N	-	Syngenta
KCP 5.1.2/06	Tribolet, R.	1992	Sampling of air and determination of residues of parent compound by gas chromatography Company Report No: REM 148-03 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd., Basel Switzerland	N	N	-	Syngenta

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
			GLP Unpublished				
KCP 5.1.2/07	Tribolet, R.	1996	Validation by analysis of fortified specimens and determination of recoveries. Validation of method REM 148.03 in air Company Report No: 140/95 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd., Basel Switzerland GLP Unpublished	N	N	-	Syngenta
KCP 5.1.2/08	Schoening, R.; Wolters, A.	2006	Modification M001 of analytical method 00985 for the determination of residues of isoxaflutole and its metabolites AEB197278-AE0540092 (RPA202248) and AE0317309-AEB197555 (RPA203328) in/on corn plant material by HPLC-MS/MS Bayer CropScience, Report No.: 00985/M001 GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.1.2/09	Winter, O.; Amann, S.	2013	Validation of the BCS-method- 1300/M009 (based on QuEChERS) for the determination of residues of isoxaflutole and its metabolite RPA 202248 in animal tissues Eurofins Agroscience Services Chem GmbH (EAS Chem), Hamburg, Germany Bayer CropScience, Report No.: S12-00056, GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.1.2/10	Netzband, D. J.	2008	Analytical method for the determination of residues of isoxaflutole (IFT) and its metabolite RPA 202248 (DKN) in soil using LC/MS/MS Bayer CropScience LP, Stilwell, KS,	N	N	-	Bayer Crop Science

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
			USA Bayer CropScience, Report No.: IS-003-S08-01, GLP Unpublished				
KCP 5.1.2/11	Krebber, R.; Leppelt, L.	2012	Analytical method 01333 for the determination of isoxaflutole and its metabolite AE 0540092 in drinking and surface water by HPLC-MS/MS Bayer CropScience, Report No.: MR-11/110, GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.1.2/12	Corgier, M. M.; Turier, G. P.	1995	Analytical method for the determination of isoxaflutole (RPA201772) in air Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014776, GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.1.2/13	Crook S.	2002	Mesotrione: Residue Analytical Method for the Determination of Residues of Mesotrione and 4-(Methylsulfonyl)-2-Nitrobenzoic Acid (MNBA) in Crop Samples Syngenta Crop Protection AG, Basel, Switzerland Syngenta – Jealott's Hill International, Bracknell, Berkshire, United Kingdom, RAM 366/01, 2704-01 Syngenta File No ZA1296/0752 GLP no Unpublished	N	N	-	Syngenta
KCP 5.1.2/14	Watson G.	2013	Mesotrione - Validation of the QuEChERS Method for the Determination of Residues of mesotrione in Animal Matrices by LC-MS/MS Syngenta Eurofins Agrosience Services Ltd, Wilson, UK, S12-03250	N	N	-	Syngenta

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
			GLP Unpublished				
KCP 5.1.2/15	Jutsum L., Chamkesam N.	2013	Mesotrione – Analytical Method GRM007.09A for the Determination of Mesotrione and its Metabolites AMBA and MNBA in Water Syngenta CEMAS, North Ascot, United Kingdom, GRM007.09A Not GLP Unpublished	N	N	-	Syngenta
KCP 5.1.2/16	Jutsum L.	2013	Mesotrione - Residue Method GRM007.08B for the Determination of Mesotrione in Air Syngenta CEMAS, North Ascot, United Kingdom, GRM007.08B Not GLP Unpublished	N	N	-	Syngenta
KCP 5.2/01	Dieterle, R.	1993	GS13529, Applicability of Multiresidue Method DFG S 19 for determination of GS 13529 in maize(grain and whole plant) Company Report No: 121-92 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd.,Basel Switzzrland GLP Unpublished	N	N	-	Syngenta
KCP 5.2/02	Ferguson, L.	2009	Terbuthylazine – Independent Laboratory validation of analytical method no. REM 201.01 for the determination of terbuthylazine (GS 13529) and its Metabolites GS26379 and GS28620 in whole Maize Plants and Rape seed. Company Report No: GS13529_10121 Syngenta-Jealott Hill Bracknell UK, Oxon Italia S.p.A.,Pero, Italy Charles River Laboratories, Edinburgh, UK, 30377 GLP	N	N	-	Syngenta/ Oxon

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
			Unpublished				
KCP 5.2/03	Luetolf, W.	1995a	Determination of residues of parent compound by gas chromatography (GC), Soil Company Report No: REM 148.05 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd.,Basel Switzrland GLP Unpublished	N	N	-	Syngenta
KCP 5.2/04	Figueiredo J	2003	Determination of GS13529 (Terbuthylazine) and its metabolites GS26379, GS28620 and GS23158 in soil by LC-MS/MS.REM 148.11 Report No: REM 148.11 Syngenta Crop Protection,AG, Basel GLP no Unpublished	N	N	-	Syngenta
KCP 5.2/05	Todd M.	1999	Validation and determination of residues in soil samples generated from field dissipation trials held in northern Europe. Huntingdon Life Science limited, UK Oxon ItaliaS.P.A, Pero, Italy Report No OXN 228/993260 GLP Unpublished	N	N	-	Oxon
KCP 5.2/06	Todd M.	2002	Terbuthylazine: Validation od methodology for the determination of residues of terbuthylazine and its two major metabolites desethylterbuthylazineand 2-hydroxyterbuthylazine in soil Oxon ItaliaS.P.A, Pero, Italy Report No OXN 229/024125 GLP Unpublished	N	N	-	OXON
KCP 5.2/07	Todd M.	2002	Terbuthylazine: Validation od methodology for the determination of residues of terbuthylazine and its two major metabolites desethylterbuthylazineand 2-hydroxyterbuthylazine in drinking and surface water	N	N	-	OXON

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
			Oxon Italia S.P.A, Pero, Italy Report No OXN 229/024126 GLP Unpublished				
KCP 5.2/08	Robinson,N.	2004	Residue analytical method for the determination of residues of terbuthylazine (GS 13529), GS23158, GS26379 and GS28620 in Water Report No: REM 426/01 Syngenta Crop Protection,AG, Basel,Switzerland Syngenta, Jealotts Hill, UK GLP Unpublished	N	N	-	Syngenta
KCP 5.2/09	Tribolet, R.	1992	Sampling of air and determination of residues of parent compound by gas chromatography Company Report No: REM 148-03 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd.,Basel Switzerland GLP Unpublished	N	N	-	Syngenta
KCP 5.2/10	Tribolet, R.	1996	Validation by analysis of fortified specimens and determination of recoveries. Validation of method REM 148.03 in air Company Report No: 140/95 Novartis Crop Protection AG Basel, Switzerland/Ciba-Geigy Ltd.,Basel Switzerland GLP Unpublished	N	N	-	Syngenta
KCP 5.2/11	Schulz M, and Ullrich-Mitzel A	1995	Analytical method for the determination of terbuthylazine in air RCC AG Itingen, Switzerland Oxon Italia S.P.A, Pero Italy Report no: 385615 GLP	N	N	-	Oxon

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
			Unpublished				
KCP 5.2/12	Schoening, R.; Wolters, A.	2006	Modification M001 of analytical method 00985 for the determination of residues of isoxaflutole and its metabolites AEB197278-AE0540092 (RPA202248) and AE0317309-AEB197555 (RPA203328) in/on corn plant material by HPLC-MS/MS Bayer CropScience, Report No.: 00985/M001 GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.2/13	Winter, O.; Amann, S.	2013	Validation of the BCS-method- 1300/M009 (based on QuEChERS) for the determination of residues of isoxaflutole and its metabolite RPA 202248 in animal tissues Eurofins Agroscience Services Chem GmbH (EAS Chem), Hamburg, Germany Bayer CropScience, Report No.: S12-00056, GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.2/14	Netzband, D. J.	2008	Analytical method for the determination of residues of isoxaflutole (IFT) and its metabolite RPA 202248 (DKN) in soil using LC/MS/MS Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: IS-003-S08-01, GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.2/15	Krebber, R.; Leppelt, L.	2012	Analytical method 01333 for the determination of isoxaflutole and its metabolite AE 0540092 in drinking and surface water by HPLC-MS/MS Bayer CropScience,	N	N	-	Bayer Crop Science

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
			Report No.: MR-11/110, GLP Unpublished				
KCP 5.2/16	Corgier, M. M.; Turier, G. P.	1995	Analytical method for the determination of isoxaflutole (RPA201772) in air Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014776, GLP Unpublished	N	N	-	Bayer Crop Science
KCP 5.2/17	Crook S.	2002	Mesotrione: Residue Analytical Method for the Determination of Residues of Mesotrione and 4-(Methylsulfonyl)-2-Nitrobenzoic Acid (MNBA) in Crop Samples Syngenta Crop Protection AG, Basel, Switzerland Syngenta – Jealott's Hill International, Bracknell, Berkshire, United Kingdom, RAM 366/01, 2704-01 Syngenta File No ZA1296/0752 GLP no Unpublished	N	N	-	Syngenta
KCP 5.2/18	Watson G.	2013	Mesotrione - Validation of the QuEChERS Method for the Determination of Residues of mesotrione in Animal Matrices by LC-MS/MS Syngenta Eurofins Agrosience Services Ltd, Wilson, UK, S12-03250 GLP Unpublished	N	N	-	Syngenta
KCP 5.2/19	Jutsum L., Chamkesam N.	2013	Mesotrione – Analytical Method GRM007.09A for the Determination of Mesotrione and its Metabolites AMBA and MNBA in Water Syngenta CEMAS, North Ascot, United Kingdom, GRM007.09A Not GLP	N	N	-	Syngenta

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
			Unpublished				
KCP 5.2/20	Jutsum L.	2013	Mesotrione - Residue Method GRM007.08B for the Determination of Mesotrione in Air Syngenta CEMAS, North Ascot, United Kingdom, GRM007.08B Not GLP Unpublished	N	N	-	Syngenta
KCP 6.1/01	Giannone, C.	1998	Stability of residues of terbuthylazine (GS13529) and GS 26379 (metabolite of terbuthylazine) in plant materials (analytical specimens of wheat grain and wheat straw) stored under deep freeze conditions Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 136/96 GLP Not Published	N	N	-	Syngenta
KCP 6.1/02	Giannone, C.	2003	Stability of Residues of GS 28260 (Metabolite of Terbuthylazine) in Deep Freeze Stored Analytical Specimens of Wheat Grain, Beans and Sunflower Seeds Syngenta Crop Protection AG, Basel, Switzerland, Report No 302/01 GLP Not Published	N	N	-	Syngenta
KCP 6.1/03	Nandihalli, U. B.	1996	Freezer storage stability of RPA201772 in field corn samples Corning Hazleton, Inc., Madison, WI, USA Bayer CropScience, Report No.: R016771, Edition Number: M-192327-01-1 Date: 1996-11-07	N	N	-	Bayer CropScience

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
			GLP/GEP: yes, unpublished				
KCP 6.1/04	Nandihalli, U. B.	1996	Freezer storage stability of RPA 201772 in field corn samples Corning Hazleton, Inc., Madison, WI, USA Bayer CropScience, Report No.: CHW6224-223, Edition Number: M-089371-01-1 Date: 1996-11-07 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.1/05	Klasmeier, B. J.	2012	Stability of residues of isoxaflutole and its metabolite RPA 202248 during frozen storage in several raw agricultural commodities Morse Laboratories, Inc., Sacramento, CA, USA Bayer CropScience, Report No.: RAISP012, Edition Number: M-442915-01-1 Date: 2012-12-07 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.1/06	Timberlake, B.C	2013	Storage stability of isoxaflutole (RPA 201772), RPA 202248 and RPA 203328 in field corn grain and forage (12-month data) SynTech Research Laboratory Services, KS USA Bayer CropScience, Report No.: RAISN020, Edition Number: M-525748-01-1 Date: 2015-06-25 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.1/07	Wiebe, L.A.	1997	ZA 1296: Stability of ZA 1296 and the Metabolite MNBA in Frozen Crops (Interim Report).	N	N	-	Syngenta

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
			Zeneca Report No:RR 97-042B INT GLP, not published				
KCP 6.1/08	Wiebe LA, Peyton CS	1999	ZA1296: Stability of ZA1296 & the Metabolite MNBA in Frozen Crops Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 97-042B FIN GLP, not published	N	N	-	Syngenta
KCP 6.2.1/02	Willems H.	1998	METABOLISM, DISTRIBUTION, AND EXPRESSION OF TERBUTHYLAZINE RESIDUES IN CORN Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 197764 GLP: yes published: no	N	N	-	Oxon
KCP 6.2.1/03	Hampton, R. E.; Pettaway, J.	1995	14C-RPA201772: Metabolic fate and distribution in corn (Zea mays L.) - (171-4 Nature of residue - Plants) A&L Great Lakes Laboratories, Fort Wayne, IN, USA BCS, Report No.: R002551, Edition Number: M-162883-01-1 Date: 1995-02-13 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.2.1/04	Meyer, B. N.; Ripperger, R.	2006	The metabolism of [phenyl-UL-14C]-Isoxaflutole in corn with post-emergence application Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MEUBY003,	N	N	-	Bayer CropScience

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
			Edition Number: M-268739-01-2 Date: 2006-02-27 GLP/GEP: yes, unpublished				
KCP 6.2.1/05	Nguyen, T.	2009	The metabolism of [phenyl-UL-14C]isoxaflutole in soybean with pre-plant and post-emergent application Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MEISP002, Edition Number: M-368555-01-1 EPA MRID No.: 48108105 Date: 2009-12-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.2.1/06	Unsworth, R. H.; Clarke, D. E.	2000	(14C)-Isoxaflutole: Metabolism in wheat Aventis CropScience UK Ltd., Chesterford Park, Essex, United Kingdom BCS, Report No.: C026477, Report includes Trial Nos.: 16862 RPAL16862 Edition Number: M-211481-01-1 Date: 2000-03-21 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.2.1/07	Unsworth, R. H.	1999	(14C)-RPA 201772: Metabolism in sugarcane Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C026486, Report includes Trial Nos.:	N	N	-	Bayer CropScience

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
			10316 Edition Number: M-211498-01-1 Date: 1999-09-15 GLP/GEP: yes, unpublished				
KCP 6.2.1/08	Klempner, A.	2009	Metabolism of [phenyl-UL-14C]isoxaflutole in poppies Bayer CropScience, Report No.: MEF-09/499, Edition Number: M-360799-01-1 Date: 2009-12-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.2.1/09	Schulte, W.	2002	Effects of safener AE 0001789 on metabolism of isoxaflutole (IFT) (RPA 201772) in maize Code: AE 0001789 and (U-14C-phenyl)RPA201772 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: C021218, Edition Number: M-210791-01-1 Date: 2002-04-16 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 6.2.1/10	Veerasekaran P.; Crudace, A.	1993	Isoxazoles: 14C-RPA 201319 and RPA 201772. Absorption, translocation and metabolism in maize, Ipomoea sp. and Abutilon theophrasti Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom BCS, Report No.: M-274733-01-1, Edition Number: M-274733-01-1 Date: 1993-01-21 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP	Veerasekaran	1993	Isoxazoles: RPA 201772. Plant metabolism studies. Primary degradation pathways	N	N	-	Bayer

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
6.2.1/11	P.; Crudace, A.		in maize, Ipomoea and Abutilon theophrasti Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom BCS, Report No.: M-274674-01-1, Edition Number: M-274674-01-1 Date: 1993-05-25 GLP/GEP: no, unpublished				CropScience
KCP 6.2.1/12	Wei, Y. et al	1997	[Cyclohexane-2-14C]ZA 1296: Nature of the Residues in Corn (Zea mays). Zeneca Agrochemicals Report : RR 96-026B GLP no notpublished	N	N	-	Syngenta
KCP 6.2.1/13	Tarr, J.B. et al	1997	[Phenyl-U-14C]ZA 1296: nature of the residues in corn Syngenta GLP no notpublished	N	N	-	Syngenta
KCP 6.2.1/14	Brumback D.	2003	[Cyclohexane-2-14C] Mesotrione: Nature of the Residue in Peanuts Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection, Inc., Greensboro, USA, T001287-01 1287-01 GLP, not published	N	N	-	Syngenta
KCP 6.2.1/15	Brown K.	2003	[Phenyl-U-14C] Mesotrione: Nature of the Residue in Peanuts Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection, Inc., Greensboro, USA, T001286-01 1286-01 GLP, not published Syngenta File No ZA1296/1349	N	N	-	Syngenta
KCP	Dohn D., Chu	2012	14C-Mesotrione - Nature of the Residue in Herbicide Tolerant (HT) Soybeans	N	N	-	Syngenta

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
6.2.1/16	J.		Syngenta PTRL West, Hercules CA, USA, Syngenta Crop Protection, LLC, Greensboro, NC, USA, Landis International, Valdosta, USA, Agvise Laboratories, Northwood, ND, USA, 1943W, 860.1300-09-433-07B-03 GLP, not published				
KCP 6.2.1/17	Nicollier, G.	1997	Behaviour and Metabolism of GS 13529 in Field Grown Corn after Soil Application of [Triazine-(U)-14C] Labelled Material Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No CMR 07/97 GLP Not Published	N	N	-	Syngenta
KCP 6.2.1/18	Wei, Y. et al	1997	[Cyclohexane-2-14C]ZA 1296: Nature of the Residues in Corn (Zea mays). Zeneca Agrochemicals Report : RR 96-026B GLP no notpublished	N	N	-	Syngenta
KCP 6.2.2/01	xxx.	1970	METABOLISM STUDY OF C14 GS-13529 IN A COW – A PLATEAU STUDY D.R.C 606 GAAC 70030 6-29-70 GLP: no Published: no	Y	N	-	Syngenta/Oxon
KCP 6.2.2/02	-	1995	(14C)-RPA201772: Absorption, distribution, metabolism and excretion following repeated oral administration to the laying hen Report No.: M-170844-01-2, Report includes Trial Nos.: 198/77-1011 Edition Number: M-170844-01-2	Y	N	-	Bayer CropScience

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
			Date: 1995-11-30 GLP/GEP: yes, unpublished				
KCP 6.2.2/03	-	1995	(14C)-RPA201772: Absorption, distribution, metabolism and excretion following repeated oral administration to the dairy goat Report No.: R004900, Report includes Trial Nos.: 198/78-1011 Edition Number: M-166744-01-1 Date: 1995-12-27 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 6.2.2/04	-	1997	AMBA: Metabolism of Orally Administrated Multiple doses in Lactating Cow In DAR (1999)	Y	N	-	Syngenta
KCP 6.3/01	Salvi, M.	2002a	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Switzerland Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France, Report No 3002/00 GLP Not Published	N	N	-	Syngenta
KCP 6.3/02	Salvi, M.	2002b	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Switzerland Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France, Report No 3003/00 GLP	N	N	-	Syngenta

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
			Not Published				
KCP 6.3/03	Stolze, K	1997a	Residues of CGA 77102 and Terbutylazine (GS 13529) in Maize Novartis Crop Protection AG, Basel, Switzerland Novartis Agro GmbH, Frankfurt, Germany, Report No GR 15596 GLP Not Published	N	N	-	Syngenta
KCP 6.3/04	Stolze, K.	1997b	Residues of CGA 77102 and Terbutylazine (GS 13529) in Maize Novartis Crop Protection AG, Basel, Switzerland Novartis Agro GmbH, Frankfurt, Germany, Report No GR 14196 GLP Not Published	N	N	-	Syngenta
KCP 6.3/05	Mostert, I.	1997a	Magnitude of Residues in Maize and Soil after Application of CGA 77102 and Terbutylazine (GS 13529) as Formulation SC 500 (A-9476 B) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3054/95 GLP Not Published	N	N	-	Syngenta
KCP 6.3/06	Mostert, I.	1997b	Magnitude of Residues in Maize and Soil after Application of CGA 77102 and Terbutylazine (GS 13529) as Formulation SC 500 (A-9476B) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3055/95	N	N	-	Syngenta

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
			GLP Not Published				
KCP 6.3/07	Luetolf, W.	1999a	Residue Study with Terbutylazine (GS 13529) in or on Maize in Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3004/96 GLP Not Published	N	N	-	Syngenta
KCP 6.3/08	Luetolf, W.	1999b	Residue Study with Terbutylazine (GS 13529) in or on Maize in Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3005/96 GLP Not Published	N	N	-	Syngenta
KCP 6.3/09	Stolze, K.	2004a	Determination of Residues of CGA 77102 and GS 13529 in Maize after Application of A 12310 A in Germany, 2000 Syngenta Crop Protection AG, Basel, Switzerland Syngenta Agro GmbH, Maintal, Germany, Report No gr 06400 GLP Not Published	N	N	-	Syngenta
KCP 6.3/10	Stolze, K	2004b	Determination of Residues of CGA 77102 and GS 13529 in Maize after Application of A 12310 A in Germany, 2000 Syngenta Crop Protection AG, Basel, Switzerland Syngenta Agro GmbH, Maintal, Germany, Report No gr 06100 GLP Not Published	N	N	-	Syngenta
KCP	Stolze, K.	2004c	Determination of Residues of CGA 77102 and GS 13529 in Maize after Application	N	N	-	Syngenta

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
6.3/11			of A 12310 A in Germany, 2000 Syngenta Crop Protection AG, Basel, Switzerland Syngenta Agro GmbH, Maintal, Germany, Report No gr 06200 GLP Not Published				
KCP 6.3/12	Stolze, K	2004d	Determination of Residues of CGA 77102 and GS 13529 in Maize after Application of A 12310 A in Germany, 2000 Syngenta Crop Protection AG, Basel, Switzerland Syngenta Agro GmbH, Maintal, Germany, Report No gr 06300 GLP Not Published	N	N	-	Syngenta
KCP 6.3/13	Kuehne-Thu,H.	2003a	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Switzerland Syngenta Crop Protection AG, Basel, Switzerland, Report No 3037/01 GLP Not Published	N	N	-	Syngenta
KCP 6.3/14	Kuehne-Thu,H.	2003b	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Switzerland Syngenta Crop Protection AG, Basel, Switzerland, Report No 3038/01 GLP Not Published	N	N	-	Syngenta
KCP 6.3/15	Mostert, I	1997c	Magnitude of residues in maize and s il after application of CGA77102 ans GS13529 as formulaion SC 500, A-9476 B, Italy	N	N	-	Syngenta

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
			Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3084/95 GLP Not Published				
KCP 6.3/16	Mostert, I.	1997d	Magnitude of R sidues in Maize after Application of CGA 77102 and Terbutylazine (GS 13529) as Formulation SC 500 (A-9476 B) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3052/96 GLP Not Published	N	N	-	Syngenta
KCP 6.3/17	Mostert, I.	1997e	Magnitude of Residues in Maize and Soil after Application of CGA 77102 and Terbutylazine (GS 13529) as Formulation SC 500 (A-9476 B) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3085/95 GLP Not Published	N	N	-	Syngenta
KCP 6.3/18	Mostert, I.	1997f	Magnitude of Residues in Maize and Soil after Application of CGA 77102 and Terbutylazine (GS 13529) as Formulation SC 500 (A-9476 B) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3053/96 GLP Not Published	N	N	-	Syngenta

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 6.3/19	Mostert, I.	1997g	Magnitude of Residues in Maize after Application of CGA 77102 and Terbutylazine (GS 13529) as Formulation SC 500 (A-9476 B) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3051/96 GLP Not Published	N	N	-	Syngenta
KCP 6.3/20	Mostert, I.	1997h	Magnitude of Residues in Maize after Application of CGA 77102 and Terbutylazine (GS 13529) as Formulation SC 500 (A-9476) Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 3083/95 GLP Not Published	N	N	-	Syngenta
KCP 6.3/21	Salvi, M.	2002c	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France, Report No 3006/00 GLP Not Published	N	N	-	Syngenta
KCP 6.3/22	Salvi, M.	2002d	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France, Report No 3007/00	N	N	-	Syngenta

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
			GLP Not Published				
KCP 6.3/23	Salvi, M.	2002e	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France, Report No 3008/00 GLP Not Published	N	N	-	Syngenta
KCP 6.3/24	Salvi, M.	2002f	Residue Study with Terbutylazine (GS 13529) and S-Metolachlor (CGA 77102) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France, Report No 3009/00 GLP Not Published	N	N	-	Syngenta
KCP 6.3/25	Kuehne-Thu,H.	2003c	Residue Study with S-Metolachlor (CGA 77102) and Terbutylazine (GS 13529) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland, Report No 3054/01 GLP Not Published	N	N	-	Syngenta
KCP 6.3/26	Kuehne-Thu,H.	2003d	Residue Study with S-Metolachlor (CGA 77102) and Terbutylazine (GS 13529) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland, Report No 3053/01 GLP	N	N	-	Syngenta

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
			Not Published				
KCP 6.3/27	Kuehne-Thu,H.	2003e	Residue Study with S-Metolachlor (CGA 77102) and Terbutylazine (GS 13529) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland, Report No 3052/01 GLP Not Published	N	N	-	Syngenta
KCP 6.3/28	Kuehne-Thu,H.	2003f	Residue Study with S-Metolachlor (CGA 77102) and Terbutylazine (GS 13529) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland, Report No 3051/01 GLP Not Published	N	N	-	Syngenta
KCP 6.3/29	Pollmann B.	2001	DETERMINATION OF RESIDUES OF TERBUTHYLAZINE AFTER APPLICATION OF TERBUTHYLAZINE 500 G/L SC AND TERBUTHYLAZINE 75% WG IN MAIZE – 1 SITE IN FRANCE AND 3 SITES IN GERMANY, 2000 ArGe GAB Biotech/IFU, D-75223 Niefern-Öschelbronn Oxon Italia S.P.A, Pero, Italy Report-no. 20001117/E1-FPMA GLP: yes published: no	N	N	-	Oxon
KCP 6.3/30	Freschi G.	2001a	GENERATION OF MAIZE SAMPLES, SUITABLE FOR RESIDUES ANALYSIS FOLLOWING APPLICATION IN POST- EMERGENCE OT TERBUTHYLAZINE 75% WG AND 500 G7L SC Sipcam Experimental Service, Salerano Sul Lambro Lo, Italy	N	N	-	Oxon

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
			Oxon Italia S.P.A, Pero, Italy Report-no. TZ1 GLP: yes published: no				
KCP 6.3/31	Freschi G.	2000a	RESIDUE ANALYSIS OF TERBUTHYLAZINE IN MAIZE SAMPLES (PLANT) Sipcam Residue Analysis Unit, Salerano sul Lambro (Lo),Italy Oxon Italia S.P.A, Pero, Italy Report-no. SIP1245 GLP: yes published: no	N	N	-	Oxon
KCP 6.3/32	Freschi G.	2000c	RESIDUE ANALYSIS OF TERBUTHYLAZINE IN MAIZE SAMPLES (GRAIN) Sipcam Residue Analysis Unit, Salerano sul Lambro (Lo),Italy Oxon Italia S.P.A, Pero, Italy Report-no. SIP1247 GLP: yes published: no	N	N	-	Oxon
KCP 6.3/32	Domenichini P.	2002	GENERATION OF MAIZE GRAIN OR GREEN SILAGE MAIZE SAMPLES, SUITABLE FOR RESIDUE ANALYSIS FOLLOWING APPLICATION ON POST- EMERGENCE OF TERBUTHYLAZINE 75% WG AND TERBUTHYLAZINE 500 G/L SC (FIELD TRIALS CARRIED OUT IN ITALY IN THE YEAR 2001) Sipcam Experimental Service, Salerano Sul Lambro Lo, Italy Oxon Italia S.P.A, Pero, Italy Report-no. TZ/2 GLP: yes	N	N	-	Oxon

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
			published: no				
KCP 6.3/33	Freschi G.	2002a	RESIDUE ANALYSIS OF TERBUTHYLAZINE IN MAIZE SAMPLES (GRAIN) Research Centre "E. Gagliardini", Salerno sul Lambro, Italy Oxon Italia S.P.A, Pero, Italy Report-no. SIP1308 GLP: yes published: no	N	N	-	Oxon
KCP 6.3/34	Freschi G.	2002b	RESIDUE ANALYSIS OF TERBUTHYLAZINE IN MAIZE SAMPLES (WHOLE PLANT) Research Centre "E. Gagliardini", Salerno sul Lambro, Italy Oxon Italia S.P.A, Pero, Italy Report-no. SIP1309 GLP: yes published: no	N	N	-	Oxon
KCP 6.3/35	Schulz J	1996	FINAL REPORT ABOUT TESTING THE RESIDUAL BEHAVIOUR OF OXN 924 SC 500 IN MAIZE UNDER FIELD CONDITIONS (FIELD REPORT) Agroplan, Berliner Straße 75, D-47574 Goch-Nierswalde Oxon Italia S.P.A, Pero, Italy Report-no. AGR/RP-H 95/OXN 924 SC 500 GLP: yes published: no	N	N	-	Oxon
KCP 6.3/36	Domenichini P.	2004	DETERMINATION OF THE MAGNITUDE OF THE RESIDUES OF TERBUTHYLAZINE 500G/L SC IN SILAGE MAIZE TREATED IN POST-EMERGENCE Research Centre "E. Gagliardini", Salerno sul	N	N	-	Oxon

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
			Lambro, Italy Oxon Italia S.P.A, Pero, Italy Report-no. SIP1336 GLP: yes published: no				
KCP 6.3/37	Muller, M. A.	1995	Residues in maize (grain) Trials / France / 1994 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014784, Report includes Trial Nos.: 94-562 Edition Number: M-189759-01-1 Date: 1995-11-07 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/38	Richard, M.; Muller, M. A.	1995	Residues in maize (grain) Trials / France / 1994 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Study No. 94-562 Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014785, Edition Number: M-189760-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 6.3/39	Muller, M. A.	1995	Residues in maize (silage) Trials / France / 1994 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Study No. 94-563 Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014781, Edition Number: M-189756-01-1 GLP/GEP: no,	N	N	-	Bayer CropScience

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
			unpublished				
KCP 6.3/40	Richard, M.; Muller, M. A.	1995	Residues in maize (silage) Trials / France / 1994 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Study No. 94-563 Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014781, Edition Number: M-189756-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 6.3/41	Muller, M. A.	1995	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) - Formulation EXP31130A (WG)- Trials France 1994 - Residues in sweet maize (cob) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C022437, Report includes Trial Nos.: 94-564 Edition Number: M-213097-01-1 Date: 1995-10-26 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/42	Muller, M. A.	1995	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) - Formulation EXP31130A (WG) - Trial / France / 1994 - Residues in maize - Decline study Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014782, Report includes Trial Nos.: 94-565 Edition Number: M-189757-01-1 Date: 1995-10-24	N	N	-	Bayer CropScience

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
			GLP/GEP: yes, unpublished				
KCP 6.3/43	Richard, M.; Muller, M. A.	1995	Residues in maize Decline study Trial / France / 1994 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Study No. 94-565 Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014783, Edition Number: M-189758-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 6.3/44	Muller, M. A.	1996	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) - Formulation EXP31130A (WG) - Trials Germany 1994 - Residues in maize - decline study - Residues in maize processing products Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C022438, Report includes Trial Nos.: 94-605 Edition Number: M-213099-01-1 Date: 1996-01-05 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/45	Muller, M. A.	1995	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Formulation EXP31130A (WG) Trials Spain 1994 Residues in maize (grain, straw) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C022439, Report includes Trial Nos.: 94-658 Edition Number: M-213101-01-1 Date: 1995-10-18	N	N	-	Bayer CropScience

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
			GLP/GEP: yes, unpublished				
KCP 6.3/46	Muller, M. A.	1995	RPA201772 or Isoxaflutole and its metabolites (RPA202248 and RPA203328) formulation EXP31130A (wg) trials Italy 1994 residues in maize (silage, grain) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C027228, Report includes Trial Nos.: 94-669 Edition Number: M-212937-01-1 Date: 1995-10-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/47	Muller, M. A.	1996	Residues in maize Decline study Trials / France / 1995 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014787, Report includes Trial Nos.: 95-531 Edition Number: M-189762-01-1 Date: 1996-01-05 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/48	Richard, M.; Muller, M. A.	1995	Residues in maize Decline study Trials / France / 1995 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Study No. 95-531 Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014788, Edition Number: M-189763-01-1	N	N	-	Bayer CropScience

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
			GLP/GEP: no, unpublished				
KCP 6.3/49	Muller, M. A.	1996	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) - Formulation EXP31130A (WG) - Trial Greece 1995 - Residues in maize (shoot and cob) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C022441, Report includes Trial Nos.: 95-703 Edition Number: M-213104-01-1 Date: 1996-01-05 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/50	Muller, M. A.	1996	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) - Formulation EXP31130A (WG) - Trial Spain 1995 - Residues in sweet maize (cob) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C022442, Report includes Trial Nos.: 95-711 Edition Number: M-213106-01-1 Date: 1996-01-05 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/51	Muller, M. A.	1996	RPA201772 or Isoxaflutole and its metabolites (RPA202248 and RPA203328) formulation EXP31130A (wg) trials Italy 1995 residues in maize (silage, grain) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C027237, Report includes Trial Nos.: 95-756 Edition Number: M-212954-01-1	N	N	-	Bayer CropScience

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
			Date: 1996-01-05 GLP/GEP: yes, unpublished				
KCP 6.3/52	Muller, M. A.	1996	Residues in sweet maize Decline study Trial / Spain / 1995 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014789, Report includes Trial Nos.: 95-757 Edition Number: M-189764-01-1 Date: 1996-01-04 GLP/GEP: yes, unpublished		N	-	
KCP 6.3/53	Richard, M.; Muller, M. A.	1995	Residues in sweet maize Decline study Trial / Spain / 1995 Formulation EXP31130A (WG) RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) Study No. 95-757 Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R014790, Edition Number: M-189765-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 6.3/54	Muller, M. A.	1996	RPA201772 or Isoxaflutole and its metabolites (RPA202248 and RPA203328) formulation EXP31130A (WG) trials Germany 1995 residues in maize decline study Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C027242, Report includes Trial Nos.: 95-684 Edition Number: M-212965-01-1	N	N	-	Bayer CropScience

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
			Date: 1996-01-18 GLP/GEP: yes, unpublished				
KCP 6.3/55	Muller, M. A.	1996	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) - Aclonifen - Formulation EXP31325A (SC) - Trials Italy 1995 - Residues in maize (silage and grain) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R007333, Report includes Trial Nos.: 95-769 Edition Number: M-174695-02-1 Date: 1996-01-05 ...Amended: 1996-01-20 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/56	Muller, M. A.	1996	RPA201772 or isoxaflutole and its metabolites (RPA202248 and RPA203328) - ACLONIFEN - Formulation EXP31325A (SC) - Trials Italy 1995 - Residues in maize (silage and grain) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R007334, Report includes Trial Nos.: 95-769 Edition Number: M-174697-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 6.3/57	Muller, M. A.	1996	RPA201772 or ISOXAFLUTOLE and its metabolites (RPA202248 and RPA203323) - ACLONIFEN - formulation EXP31325A (SC) - trials France 1995 - Residues in maize (silage and grain) Rhone-Poulenc Agro, Lyon, France Bayer CropScience,	N	N	-	Bayer CropScience

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
			Report No.: R007335, Report includes Trial Nos.: 95-532 Edition Number: M-174699-01-1 Date: 1996-01-08 GLP/GEP: no, unpublished				
KCP 6.3/58	Richard, M.; Muller, M. A.	1996	RPA201772 or ISOXAFLUTOLE and its metabolites (RPA202248 and RPA203323) - ACLONIFEN - formulation EXP31325A (SC) - trials France 1995 - Residues in maize (silage and grain) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R007336, Report includes Trial Nos.: 95-532 Edition Number: M-174701-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 6.3/59	Muller, M. A.	1996	RPA 201772 or isoxaflutole and its metabolites (RPA 202248 and RPA 203328) - Atrazine - Formulation EXP 31330A (SC) - Trials France 1995 - Residues in maize (silage and grain) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C014243, Report includes Trial Nos.: 95-533 Edition Number: M-206239-01-1 Date: 1996-01-12 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/60	Richard, M.; Muller, M. A.	1995	RPA 201772 or isoxaflutole and its metabolites (RPA 202248 and RPA 203328) - Atrazine - Formulation EXP 31330A (SC) - Trials France 1995 - Residues in maize (silage and grain)	N	N	-	Bayer CropScience

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
			Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C014244, Report includes Trial Nos.: 95-533 Edition Number: M-206242-01-1 GLP/GEP: no, unpublished				
KCP 6.3/61	Cappy, J. J.	1995	EXP 30953B/ Field corn / Magnitude of residue in processing fractions (US93703R) Heartland Technologies, Inc., Indianapolis, Indiana, USA Bayer CropScience, Report No.: C026230, Edition Number: M-211010-01-1 Date: 1995-02-23 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.3/62	Barnes J.	1997	ZA1296: Residue Levels in Maize from Trials Carried out in France During 1995 (WRC-96- 099) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 96-071B GLP, not published	N	N	-	Syngenta
KCP 6.3/63	Barnes J.	1997a	ZA1296: Residue Levels in Maize from Trials Carried out in Germany During 1995 (WRC-96-114) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 96-078B GLP, not published	N	N	-	Syngenta
KCP	Barnes J.,	1997	ZA1296: Residue Levels in Maize from Trials Carried out in France During 1996	N	N	-	Syngenta

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6.3/64	Atger J., Wiebe L., Miller M.		Postemergence) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 97-045B GLP, not published				
KCP 6.3/65	Miller M., Atger J., Wiebe L., Elvira D.	1998	ZA1296: Residue Levels in Maize from Trials Carried out in France During 1996 (Preemergence) (WRC-97-138) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 97-062B GLP, not published	N	N	-	Syngenta
KCP 6.3/66	Miller M., Griehl T., Wiebe L., Elvira D.	1998	ZA1296: Residue Levels in Maize from Trials Carried out in Germany During 1996 (Pre emergence) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 97-063B GLP, not published Syngenta File No ZA1296/0418	N	N	-	Syngenta
KCP 6.3/67	Barnes J., Chamier O., Wiebe L., Miller M.	1997	ZA1296: Residue Levels in Maize from Trials Carried out in Germany During 1996 (Postemergence) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 97-048B GLP, not published	N	N	-	Syngenta
KCP 6.3/68	Klimmek S., Gizler A.	2008	MESOTRIONE AND NICOSULFURON: RESIDUE STUDY ON MAIZE IN NORTHERN FRANCE IN 2007 Syngenta - Jealott's Hill, Bracknell, United Kingdom Eurofins - Dr Specht & Partner, Hamburg,	N	N	-	Syngenta

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
			Germany, T011368-07 GLP, not published				
KCP 6.3/69	Heillaut C	2009	Glyphosate (ASF71), Mesotrione (ZA1296) and S-Metolachlor (CGA77102) - Residue Study on GA21 (MON-00021-9) Corn in France (North) and Czech Republic in 2007 Syngenta ADME - Bioanalyses, Vergeze, France, T011085-06 GLP, not published	N	N	-	Syngenta
KCP 6.3/70	Schulz H	2009a	Glyphosate, Mesotrione and S-Metolachlor Residue Study on GA21 (MON-00021-9) Corn in Denmark and Sweden in 2008 Syngenta ADME - Bioanalyses, Vergeze, France, T009533-07-REG GLP, not published	N	N	-	Syngenta
KCP 6.3/71	Meyer M	2011	Mesotrione - Residue Study on Field Corn in Germany and the United Kingdom in 2009 Syngenta - Jealott's Hill, Bracknell, United Kingdom SGS INSTITUT FRESENIUS GmbH, Im Maisel 14, D-65232 Taunusstein, Germany, T000920-09-REG GLP, not published	N	N	-	Syngenta
KCP 6.3/72	Barnes J.	1997b	ZA1296: Residue Levels in Maize from Trials Carried out in Italy During 1995 (WRC-96-113) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 96-077B	N	N	-	Syngenta

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
			GLP, not published				
KCP 6.3/73	Barnes J., Bonfanti F., Wiebe L., Miller M.	1997	ZA1296: Residue Levels in Maize from Trials Carried out in Italy During 1996 (Postemergence) (WRC-97-104) Zeneca Agrochemicals, Jealott's Hill, United Kingdom , RR 97-049B GLP, not published	N	N	-	Syngenta
KCP 6.3/74	Miller M., Bonfanti F., Wiebe L., Elvira D.	1998	ZA1296: Residue Levels in Maize from Trials Carried out in Italy During 1996 Zeneca Agrochemicals, Jealott's Hill, United Kingdom RR 97-064B GLP, not published	N	N	-	Syngenta
KCP 6.3/75	Richards S.	2003	Residue Study with A-12812 A (Mesotrione [ZA1296], S-Metolachlor and Terbutylazine) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill International, Bracknell, Berkshire, United Kingdom, 02-7036 GLP, not published	N	N	-	Syngenta
KCP 6.3/76	Richards S.	2003a	Residue Study with A-12812A (Mesotrione (ZA 1296) S-Metolachlor and Terbutylazine) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill International, Bracknell, Berkshire, United Kingdom, 02-7037 GLP, not published	N	N	-	Syngenta
KCP 6.3/77	Richards S.	2003b	Residue Study with A-12812A (Mesotrione (ZA1296), S-Metolachlor and Terbutylazine) in or on Maize in Italy	N	N	-	Syngenta

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
			Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill, Bracknell, United Kingdom, 02-7038 GLP, not published				
KCP 6.3/78	Richards S.	2003c	Residue Study with A-12812A (Mesotrione (ZA 1296), S-Metolachlor and Terbutylazine) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill, Bracknell, United Kingdom, 02-7039 GLP, not published	N	N	-	Syngenta
KCP 6.3/79	Sole C.	2004	Residue Study with Mesotrione (ZA1296) and S-Metolachlor (CGA77102) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergeze, France, 03-7019 GLP, not published	N	N	-	Syngenta
KCP 6.3/80	Richards S.	2004	Residue Study with Mesotrione (ZA1296) and S-Metolachlor (CGA77102) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill, Bracknell, United Kingdom, 03-7020 GLP, not published	N	N	-	Syngenta
KCP 6.3/82	Sole C.	2004a	Residue Study with Mesotrione (ZA1296) and S-Metolachlor (CGA77102) in or on Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergeze, France, 03-7021 GLP, not published	N	N	-	Syngenta
KCP 6.3/83	Sole C.	2004b	Residue Study with Mesotrione (ZA1296) and S-Metolachlor (CGA77102) in or on Maize in Italy		N	-	

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
			Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergeze, France, 03-7022 GLP, not published				
KCP 6.3/84	Klimmek S., Gizler A.	2012	Mesotrione and nicosulfuron: residue study on maize in Italy and Spain in 2007 Syngenta - Jealott's Hill, Bracknell, United Kingdom Eurofins - Dr Specht & Partner, Hamburg, Germany, T011369-06 GLP, not published	N	N	-	Syngenta
KCP 6.3/85	Schulz H	2010a	Mesotrione and Nicosulfuron - Residue Study on Maize in France (South) in 2008 Syngenta - Jealott's Hill, Bracknell, United Kingdom SGS INSTITUT FRESENIUS GmbH, Im Maisel 14, D-65232 Taunusstein, Germany, T009531-07-REG GLP, not published	N	N	-	Syngenta
KCP 6.3/86	Gemrot F	2009	Glyphosate, Mesotrione and S-Metolachlor - Residue Study on GA21 (MON-00021-9) Corn in Spain in 2008 Syngenta ADME - Bioanalyses, Vergeze, France, T009534-07-REG GLP, not published	N	N	-	Syngenta
KCP 6.4/01	-	1995	Isoxaflutole: magnitude of residues in tissues and eggs of laying hens Report No.: R016768, Report includes Trial Nos.: 95112c Edition Number: M-192317-01-1 Date: 1995-12-28	N	N	-	Bayer CropScience

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			GLP/GEP: yes, unpublished				
KCP 6.4/02	-	1995	Isoxaflutole: magnitude of residues in milk and tissues of lactating dairy cows Report No.: R016767, Report includes Trial Nos.: 95114b Edition Number: M-192311-01-1 Date: 1995-12-27 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.5/01	Cappy, J. J.	1995	EXP 30953B/ Field corn / Magnitude of residue in processing fractions (US93703R) Heartland Technologies, Inc., Indianapolis, Indiana, USA Bayer CropScience, Report No.: C026230, Edition Number: M-211010-01-1 Date: 1995-02-23 GLP/GEP: yes, unpublished		N	-	
KCP 6.6.1/01	Krauss, J.	2000	Outdoor Confined Accumulation Study on Rotational Crops after Bareground Application of [Triazine-(U)-14C]GS 13529 Novartis Crop Protection AG, Basel, Switzerland, Report No 96GN32 GLP Not Published	N	N	-	Syngenta
KCP 6.6.1/02	Salvi, M.	2002 g	Crop Rotation Study with S-Metholachlor (CGA 77102) and Terbutylazine (GS 13529) in or on Follow-up Crop after Treatment of Maize in Italy Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France,	N	N	-	Syngenta

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
			Report No 310/00 GLP Not Published				
KCP 6.6.1/03	Stolze, K.	2004e	Determination of Residues of CGA 77102 and GS 13529 in Maize and Rotational Crops Winter Barley, Winter Oilseed Rape and Sugar Beet after Application of A 9476 B in Germany, Seasons 2000 and 2001 Syngenta Crop Protection AG, Basel, Switzerland Syngenta Agro GmbH, Maintal, Germany, Report No gr 10200 GLP Not Published	N	N	-	Syngenta
KCP 6.6.1/04	Stolze, K.	2004f	Determination of Residues of CGA 77102 and GS 13529 in Maize and Rotational Crops Winter Barley, Winter Oilseed Rape and Sugar Beet after application of A 9476 B in Germany, Seasons 2001 and 2002 Syngenta Crop Protection AG, Basel, Switzerland Syngenta Agro GmbH, Maintal, Germany, Report No gmz91001 GLP Not Published	N	N	-	Syngenta
KCP 6.6.1/05	Sole, C.	2003	Crop Rotation Study with S-Metolachlor (CGA 77102) and Terbutylazine (GS 13529) in or on Follow-up Crop After Treatment of Maize in Spain Syngenta Crop Protection AG, Basel, Switzerland ADME - Bioanalyses, Vergèze, France, Report No 311/00 GLP Not Published	N	N	-	Syngenta

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 6.6.1/06	Luetolf, W.	2003	Crop Rotation Study with S-Metholachlor (CGA 77102) and Terbutylazine (GS 13529) in or on follow-up Crop after Treatment of Maize in Switzerland Syngenta Crop Protection AG, Basel, Switzerland, Report No 307/00 GLP Not Published	N	N	-	Syngenta
KCP 6.6.1/07	Mamouni A.	2006	Terbutylazine: Confined accumulation of 14c-terbutylazine in rotational crops. RCC AG., Itingen, Switzerland Oxon Italia S.p.A, Pero, Italy Report-no. A05940 GLP: Yes Published: No	N	N	-	Syngenta
KCP 6.6.1/08	Hampton, R. E.; Pettaway, J.	1995	14C-RPA201772: Accumulation study on confined rotational crops AGVISE Laboratories, Inc., Northwood, ND, USA BCS, Report No.: R016766, Edition Number: M-192308-01-1 Date: 1995-12-28 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 6.6.1/09	Hampton, R. E.	1996	Supplemental report: 14C-RPA201772: Accumulation study on confined rotational crops - (MRID no. 43904839) Rhone-Poulenc Ag Company, RTP, NC, USA Bayer CropScience, Report No.: R016770, Edition Number: M-192325-01-1 EPA MRID No.: 43904839 Date: 1996-11-27 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP	Spillner, C. et	1997	[Cyclohexane-2-14C]ZA 1296: confined accumulation studies on rotational crops –	N	N	-	Syngenta

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6.6.1/10	al		low Rate In DAR(1999)				
KCP 6.6.1/11	Gorder, G.W. et al	1997	[Phenyl-U-14C]ZA 1296: confined accumulation studies on rotational crops – low rate In DAR (1999)	N	N	-	Syngenta
KCP 6.6.1/12	Barnes, J.P., Wiebe, L.A.	1997	ZA 1296: Residue Levels on Rotated Crops from Trials Carried Out in the United States During 1995-1996. Zeneca Report No:RR 97-044B In DAR (1999) GLP unpublished	N	N	-	Syngenta
KCP 7.2.1.1	Tribolet R.	2004	Determination of dermal and inhalation exposure to operators during mixing/loading and application using Boxer 800 EC (Amplifiable Concentrate formulation of 800 g/l prosulfocarb, A 8545) with vehicle mounted ground boom sprayer in cereals. RCC Ltd, Environmental Chemistry & Pharamanalytics, Switzerland. RCC Study Number: 856713. Additional Report to the DAR, public version, Volume 3, Annex B, part 2, B.6, February 2010 GLP Published	N	N	-	SYN

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KCP 7.0/01	Verspeek-Rip. C.M.	2002	EVALUATION OF THE MUTAGENIC ACTIVITY OF 2-HYDROXY-TERBUTHYLAZINE IN THE SALMONELLA TYPHIMURIUM REVERSE MUTATION ASSAY AND THE ESCHERICHIA COLI REVERSE MUTATION ASSAY (WITH INDEPENDENT REPEAT) Notox B.V s'Hertogenbosch, The Netherlands Report N. 335543 Oxon Italia S.p.A, Pero, Italy GLP: yes published: no	N	N	-	OXN
KCP 7.0/02	Verspeek-Rip. C.M.	2002	EVALUATION OF THE MUTAGENIC ACTIVITY OF 2-HYDROXY-TERBUTHYLAZINE IN AN <i>IN VITRO</i> MAMMALIAN CELL GENE MUTATION TEST WITH L5178Y MOUSE LYMPHOMA CELLS (WITH INDEPENDENT REPEAT) Notox B.V s'Hertogenbosch, The Netherlands Report N. 335554 Oxon Italia S.p.A, Pero, Italy GLP: yes published: no	N	N	-	OXN
KCP 7.0/03	xxx	2002	ASSESSMENT OF ACUTE ORAL TOXICITY WITH 2-HYDROXY-TERBUTHYLAZINE IN THE RAT (ACUTE CLASS METHOD) Report N. 335532 Oxon Italia S.P.A, Pero, Italy GLP: yes published: no	Y	N	-	OXN

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 7.0/04	Meerts I.	2002	EVALUATION OF THE ABILITY OF 2-HYDROXY-TERBUTHYLAZINE TO INDUCE CHROMOSOME ABERRATIONS IN CULTURED PERIPHERAL HUMAN LYMPHOCYTES Notox B.V s'Hertogenbosch, The Netherlands Report N. 335565 Oxon Italia S.p.A, Pero, Italy GLP: yes published: no	N	N	-	OXN
KCP 7.0/05	xxx	2003	2-HYDROXY-TERBUTHYLAZINE: REPEATED DOSE 90 DAY ORAL TOXICITY STUDY IN WISTAR RATS [REDACTED] Report N. 3345-01 Oxon Italia S.p.A, Pero, Italy GLP: yes published: no	Y	N	-	OXN
KCP 7.0/06	xxx	2001	GS 28620 TECH. (METABOLITE OF GS 13529) - 90-DAY ORAL TOXICITY STUDY IN RATS (ADMINISTRATION IN FOOD), [REDACTED] [REDACTED] 20001005, 14.12.2001	Y	N	-	OXN (SYN access)
KCP 7.0/07	xxx	2001	GS 23158 (METABOLITE OF GS 13529): L5178Y TK+/- MOUSE LYMPHOMA MUTATION ASSAY, [REDACTED] [REDACTED] CTL/VV0268/REG/REPT / 20011055, 12.12.2001	Y	N	-	OXN (SYN access)

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 7.0/08	Deparade E.	2000	GS 28620 (METABOLITE OF GS 13529) - SALMONELLA AND ESCHERICHIA/MAMMALIAN-MICROSOME MUTAGENICITY TEST, Novartis Crop Protection AG, Stein, Switzerland, 20001001, 21.08.2000	N	N	-	OXN (SYN access)
KCP 7.0/09	Deparade E.	2001	GS 23158 TECH. (METABOLITE OF GS 13529) - SALMONELLA AND ESCHERICHIA/MAMMALIAN-MICROSOME MUTAGENICITY TEST, Syngenta Crop Protection Ag, Stein, Switzerland, 20011054, 12.12.2001	N	N	-	OXN (SYN access)
KCP 7.0/10	Fox V.	2002	GS 23158: IN VITRO CYTOGENETIC ASSAY IN HUMAN LYMPHOCYTES, Central Toxicology Laboratory (CTL), Cheshire, United Kingdom, CTL/SV1087/REG/REPT, 18.01.2002	N	N	-	OXN (SYN access)
KCP 7.0/11	Lloyd M.	2000	GS 28620 (METABOLITE OF GS 13529): MUTATION AT THE THYMIDINE KINASE (TK) LOCUS OF MOUSE LYMPHOMA L5178Y CELLS (MLA) USING THE MICROTITRE FLUCTUATION TECHNIQUE, [REDACTED] 252/268-D5140 / 20001002, 16.05.2000	N	N	-	OXN (SYN access)

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 7.0/12	Marshall R.	2001	GS 28620 (METABOLITE OF GS 13529): INDUCTION OF CHROMOSOME ABERRATIONS IN CULTURED CHINESE HAMSTER OVARY (CHO) CELLS, Covance Laboratories, North Yorkshire, United Kingdom, 252/269-D6172 / 20001003, 07.03.2001	N	N	-	OXN (SYN access)
KCP 7.0/13	xxx	2000	GS 28620 TECH. (METABOLITE OF GS 13529) - ACUTE ORAL TOXICITY IN THE RAT (LIMIT TEST), [REDACTED] 20001004, 03.02.2000	Y	N	-	OXN (SYN access)
KCP 7.0/14	xxx	2001	GS 23158 TECH. (METABOLITE OF GS 13529) - ACUTE ORAL TOXICITY IN THE RAT (LIMIT TEST), [REDACTED] 20011053, 25.04.2001	Y	N	-	OXN (SYN access)
KCP 7.0/15	xxx	2002	GS 23158 TECH. (METABOLITE OF GS 13529) - 90-DAY ORAL TOXICITY STUDY IN RATS (ADMINISTRATION IN FOOD), [REDACTED] 20011058, 18.12.2002	Y	N	-	OXN (SYN access)
KCP 7.0/16	xxx	2000	GS 28620 tech. (Metabolite of GS 13529) – Acute oral toxicity in the rat (Limit test) Novartis Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No 20001004 GLP Not Published Syngenta File N° GS28620/0005	Y	N	-	SYN

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 7.0/17	xxx	2001	GS 28620 tech. (Metabolite of GS 13529) – 90-Day oral toxicity study in rats (Administration in food) Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No 20001005 GLP Not Published Syngenta File N° GS28620/0012	Y	N	-	SYN
KCP 7.0/18	xxx	2000	GS 28620 (Metabolite of GS 13529) – Salmonella and Escherichia/mammalian- microsome mutagenicity test Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Stein, Switzerland, Report No 20001001 GLP Not Published Syngenta File N° GS28620/0010	N	N	-	SYN

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 7.0/19	Lloyd. M	2000	GS 28620 (Metabolite of GS 13529): Mutation at the thymidine kinase (tk) locus of mouse lymphoma L5178Y cells (MLA) using the microtitre fluctuation technique Novartis Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No 252/268-D5140 / 20001002 GLP Not Published Syngenta File N° GS28620/0007	N	N	-	SYN
KCP 7.0/20	Marshall R.	2001	GS 28620 (Metabolite of GS 13529): Induction of chromosome aberrations in cultured Chinese hamster ovary (CHO) cells Syngenta Crop Protection AG, Basel, Switzerland Covance Laboratories, North Yorkshire, United Kingdom, Report No 252/269-D6172 / 20001003 GLP Not Published Syngenta File N° GS28620/0011	N	N	-	SYN

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 7.0/21	xxxx	2001	GS 23158 tech. (Metabolite of GS 13529) – Acute oral toxicity in the rat (Limit test) Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No 20011053 GLP Not Published Syngenta File N° GS23158/0010	Y	N	-	SYN
KCP 7.0/22	xxx	2002	GS 23158 tech. (Metabolite of GS 13529) – 90-day oral toxicity study in rats (Administration in food) Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] Report No 20011058 GLP Not Published Syngenta File N° GS23158/0020	Y	N	-	SYN
KCP 7.0/23	De Parade E.	2001	GS 23158 tech. (Metabolite of GS 13529) – Salmonella and Escherichia/mammalian- microsome mutagenicity test Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection AG, Stein, Switzerland, Report No 20011054 GLP Not Published Syngenta File N° GS23158/0012	N	N	-	SYN

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 7.0/24	Fox V.	2002	GS 23158: In vitro cytogenetic assay in human lymphocytes Syngenta Crop Protection AG, Basel, Switzerland Central Toxicology Laboratory (CTL), Cheshire, United Kingdom, Report No CTL/SV1087/REG/REPT GLP Not Published Syngenta File N° GS23158/0013	N	N	-	SYN
KCP 7.0/25	Clay P.	2001	GS 23158 (Metabolite of GS 13529): L5178Y TK+/- mouse lymphoma mutation assay Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No CTL/VV0268/REG/REPT / 20011055 GLP Not Published Syngenta File N° GS23158/0011	N	N	-	SYN
KCP 7.0/26	xxx	1991	G28273 – Acute oral toxicity study in rats. Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Report No 7801-91 GLP Not Published Syngenta File N° G28273/0034	Y	N	-	SYN

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 7.0/27	xxx	1991	G28273 Diaminochlorotriazine – 90-day oral toxicity study in rats Novartis Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No F-00006 GLP Not Published Syngenta File N° G28273/0017	Y	N	-	SYN
KCP 7.0/28	Deparade E.	1987	G 28273 tech. – Salmonella/mammalian-microsome mutagenicity test Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 871372 GLP Not Published Syngenta File N° G28273/0007	N	N	-	SYN
KCP 7.0/29	Strasser F.	1988	G28273 technical – Micronucleus test mouse Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Report No 871369 GLP Not Published Syngenta File N° G28273/0006	N	N	-	SYN

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 7.0/30	xxx	2003	GS26379: Acute Oral Toxicity Study in the Rat – Up and Down Procedure Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No ART315 GLP Not Published Syngenta File N° GS26379/0020	Y	N	-	SYN
KCP 7.0/31	Callander R.	2003	GS26379: Bacterial Mutation Assay in S.Typhimurium and E.Coli Syngenta Crop Protection AG, Basel, Switzerland Central Toxicology Laboratory (CTL), Cheshire, United Kingdom, Report No YV6393 GLP Not Published Syngenta File N° GS26379/0021	N	N	-	SYN
KCP 7.0/32	Fox V.	2003	GS 26379: In Vitro Cytogenetic Assay in Human Lymphocytes Syngenta Crop Protection AG, Basel, Switzerland Central Toxicology Laboratory (CTL), Cheshire, United Kingdom, Report No SV1196 GLP Not Published Syngenta File N° GS26379/0022	N	N	-	SYN

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 7.0/33	xxx	1995	2-year dietary chronic toxicity /oncogenicity study with G34048 technical in rats. [REDACTED] Report No. F-00125 GLP: Yes Published: No Syngenta file No. G34048/0046	Y	N	-	SYN
KCP 7.0/34	xxx	2004	Assessment of acute oral toxicity with terbuthylazine-desethyl in the rat (acute class method) Oxon Italia S.p.A. GLP, not published File No GS13529_10043	Y	N	-	OXON
KCP 7.0/35	Verspeek-Rip C.M.	2004	Evaluation of the mutagenic activity of terbuthylazine-desethyl in the Salmonella Typhimurium reverse mutation assay and the Escherichia Coli reverse mutation assay (with independent repeat) Oxon Italia S.p.A. NOTOX B.V., Hertogenbosch, Netherlands, 400826 GLP, not published File No GS13529_10044	N	N	-	OXON

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 7.0/36	Jones E.	2004	GS 26379: L5178Y TK+/- Mouse Lymphoma Mutation Assay Syngenta Crop Protection AG, Basel, Switzerland Central Toxicology Laboratory (CTL), Cheshire, United Kingdom, VV0297-REG GLP, not published File No GS26379/0024	N	N	-	SYN: oxon has data access
KCP 7.0/37	xxx	2006	GS26379: Rat Bone Marrow Micronucleus Test Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] GLP, not published File No GS26379/0026	Y	N	-	SYN: oxon has data access
KCP 7.0/38	xxx	2006a	GS26379: In Vivo Rat Liver Unscheduled DNA Synthesis Assay Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] GLP, not published File No GS26379/0025	Y	N	-	SYN: oxon has data access

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 7.0/39	xxx	1971	90-Day subacute oral toxicity study with GS 26379 technical in albino rats. Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Not GLP, not published File No GS26379/0001	Y	N	-	SYN: oxon has data access
KCP 7.0/40	Verspeek-Rip C.M.	2002a	Evaluation of the mutagenic activity of 2-hydroxy-terbuthylazone in the <i>Salmonella typhimurium</i> reverse mutation assay and the <i>Escherichia coli</i> reverse mutation assay (with independent repeat) Notox B.V s'Hertogenbosch, The Netherlands Report N. 335543 Oxon Italia S.p.A, Pero, Italy GLP: Yes published: No	N	N	-	OXON (SYN access)
KCP 7.0/41	Verspeek-Rip C.M.	2002b	Evaluation of the mutagenic activity of 2-hydroxy-terbuthylazine in an <i>in vitro</i> mammalian cell gene mutation test with 15178y mouse lymphoma cells (with independent repeat) Notox B.V s'Hertogenbosch, The Netherlands Report N. 335554 Oxon Italia S.p.A, Pero, Italy GLP: Yes published: No	N	N	-	OXON (SYN access)

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 7.0/42	xxx	2002	Assessment of acute oral toxicity with 2-hydroxy-terbuthylazine in the rat (acute class method) [REDACTED] Report N. 335532 Oxon Italia S.P.A, Pero, Italy GLP: Yes Published: No	Y	N	-	OXON (SYN access)
KCP 7.0/43	Meerts I.	2002	Evaluation of the ability of 2-hydroxy-terbuthylazine to induce chromosome aberrations in cultured peripheral human lymphocytes. Notox B.V s'Hertogenbosch, The Netherlands Report N. 335565 Oxon Italia S.p.A, Pero, Italy GLP: Yes published: No	N	N	-	OXON (SYN access)
KCP 7.0/44	xxx	2003	2-Hydroxy-terbuthylazine: repeated dose 90 day oral toxicity study in Wistar rats. [REDACTED] Report N. 3345-01 GLP: Yes Published: No	Y	N	-	OXON (SYN access)

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 7.0/45	Moxon M.	2003	GS 13529: Subchronic Neurotoxicity Study in Rats Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No PR1228 GLP Not Published Syngenta File N° GS13529/1839	N	N	-	SYN
KCP 7.0/46	Sokolowski A	2010	G35713/LM1 - Salmonella Typhimurium and Escherichia Coli Reverse Mutation Assay Syngenta - Jealott's Hill, Bracknell, United Kingdom Harlan, Cytotest Cell Research GmbH (Harlan CCR), 64380 Rossdorf, Germany, 1247401 GLP not published Syngenta File No G035713_10000	N	N	-	SYN/ OXON
KCP 7.0/47	xxx	2010	G35713/LM1 - Cell Mutation Assay at the Thymidine Kinase Locus (TK +/-) in Mouse Lymphoma L5178Y Cells Syngenta - Jealott's Hill, Bracknell, United Kingdom Harlan, Cytotest Cell Research GmbH (Harlan CCR), 64380 Rossdorf, Germany, 1293701 GLP not published Syngenta File No G035713_10001	Y	N	-	SYN/ OXON
KCP 7.0/48	Bohnenberger Susanne	2010	G35713/LM1 - Chromosome Aberration Test in Human Lymphocytes In Vitro Syngenta - Jealott's Hill, Bracknell, United Kingdom Harlan, Cytotest Cell Research GmbH (Harlan CCR), 64380 Rossdorf, Germany, 1293702	N	N	-	SYN/ OXON

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
			GLP not published Syngenta File No G035713_10002				
KCP 7.0/49	Sokolowski A.	2009	CGA046571/LM2 - Salmonella Typhimurium and Escherichia Coli Reverse Mutation Assay Syngenta RCC Cytotest Cell Research GmbH, Rossdorf, Germany, 1247402, T009040-08 GLP not published Syngenta File No CGA046571_10000	N	N	-	SYN/ OXON
KCP 7.0/50	Wollny H	2010a	CGA046571/LM2 - Cell Mutation Assay at the Thymidine Kinase Locus (TK +/-) in Mouse Lymphoma L5178Y Cells Syngenta - Jealott's Hill, Bracknell, United Kingdom Harlan, Cytotest Cell Research GmbH (Harlan CCR), 64380 Rossdorf, Germany, 1337101 GLP not published Syngenta File No CGA046571_10003	N	N	-	SYN/ OXON
KCP 7.0/51	Bohnenberger S	2010a	CGA046571/LM2 - Chromosome Aberration Test in Human Lymphocytes In Vitro Syngenta Harlan, Cytotest Cell Research GmbH (Harlan CCR), 64380 Rossdorf, Germany, 1337102 GLP not published Syngenta File No CGA046571_10001	N	N	-	SYN/ OXON
KCP 7.0/52	Wollny H.	2009	CSCD692760/LM3 - Cell Mutation Assay at the Thymidine Kinase Locus (TK +/-) in Mouse Lymphoma L5178Y Cells Syngenta	N	N	-	SYN/ OXON

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
			RCC Cytotest Cell Research GmbH, Rossdorf, Germany, 1235102, T008727-08 GLP not published Syngenta File No GS13529_10177				
KCP 7.0/53	Sokolowski A.	2009	CSCD692760/LM3 Salmonella typhimurium and Escherichia coli Reverse Mutation Assay Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.A. Harlan Cytotest Cell Research GmbH, Rossdorf, Germany, 1235101 GLP, not published File No GS13529_10139	N	N	-	OXON/SYN
KCP 7.0/54	Boknenberger S.	2009	CSCD692760/LM3 - Chromosome Aberration Test in Human Lymphocytes in vitro Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.A. Harlan Cytotest Cell Research GmbH, Rossdorf, Germany, 1235103 GLP, not published File No GS13529_10142	N	N	-	OXON/SYN
KCP 7.0/55	Sokolowski A	2009a	GS40436/LM4 - Salmonella Typhimurium and Escherichia Coli Reverse Mutation Assay Syngenta - Jealott's Hill, Bracknell, United Kingdom RCC Cytotest Cell Research GmbH, Rossdorf, Germany, 1247403 GLP not published Syngenta File No GS40436_10000	N	N	-	SYN/ OXON
KCP	Wollny H	2010b	GS40436/LM4 - Cell Mutation Assay at the Thymidine Kinase Locus (TK +/-) in	N	N	-	SYN/ OXON

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
7.0/56			Mouse Lymphoma L5178Y Cells Syngenta - Jealott's Hill, Bracknell, United Kingdom Harlan, Cytotest Cell Research GmbH (Harlan CCR), 64380 Rossdorf, Germany, 1293801 GLP not published Syngenta File No GS40436_10001				
KCP 7.0/57	Bohnenberger S	2010b	GS40436/LM4 - Chromosome Aberration Test in Human Lymphocytes In Vitro Syngenta - Jealott's Hill, Bracknell, United Kingdom Harlan, Cytotest Cell Research GmbH (Harlan CCR), 64380 Rossdorf, Germany, 1293802 GLP not published Syngenta File No GS40436_10002	N	N	-	SYN/ OXON
KCP 7.0/58	Wollny H	2009a	GS16984/LM5 - Cell Mutation Assay at the Thymidine Kinase Locus (TK +/-) in Mouse Lymphoma L5178Y Cells Syngenta - Jealott's Hill, Bracknell, United Kingdom RCC Cytotest Cell Research GmbH, Rossdorf, Germany, 1247702, T008982-08 GLP not published Syngenta File No GS16984_10006	N	N	-	SYN/ OXON
KCP 7.0/59	Bohnenberger S	2009a	GS16984/LM5 - Chromosome Aberration Test in Human Lymphocytes In Vitro Syngenta - Jealott's Hill, Bracknell, United Kingdom RCC Cytotest Cell Research GmbH, Rossdorf, Germany, 1247703 GLP not published Syngenta File No GS16984_10007	N	N	-	SYN/ OXON

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 7.0/60	Sokolowski A.	2009a	GS16984/LM5 Salmonella typhimurium and Escherichia coli Reverse Mutation Assay Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.A. Harlan Cytotest Cell Research GmbH, Rossdorf, Germany, 1247701 Not GLP, not published File No GS16984_10005	N	N	-	SYN/ OXON
KCP 7.0/61	Sokolowski A.	2009b	CSCD648241/LM6 - Salmonella Typhimurium and Escherichia Coli Reverse Mutation Assay Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.A. Harlan Cytotest Cell Research GmbH, Rossdorf, Germany, 1199900, T011343-06 GLP, not published File No SYN545666_10000	N	N	-	SYN/ OXON
KCP 7.0/62	Wollny H.	2009	CSCD648241/LM6 : Cell Mutation Assay at the Thymidine Kinase Locus (TK +/-) in Mouse Lymphoma L5178Y Cells Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.A. Harlan Cytotest Cell Research GmbH, Rossdorf, Germany, 1219902, T011358-06 GLP, not published File No SYN545666_10002	N	N	-	SYN/ OXON

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 7.0/63	Bohenberger S.	2009a	CSCD648241/LM6 - Chromosome Aberration Test in Human Lymphocytes in vitro Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.A. Harlan Cytotest Cell Research GmbH, Rossdorf, Germany, 1219901 GLP, not published File No GS13529_10140	N	N	-	SYN/ OXON
KCP 7.0/64	Flanders L.	2009	CSCD648241/LM6 : Micronucleus test in the mouse Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.A. [REDACTED] 2364/0529 GLP, not published File No GS13529_10141	N	N	-	SYN/ OXON
KCP 7.0/65	not disclosed's	1995	RPA202248 - Oral limit test in the rat Report No.: R005369, Edition Number: M-170825-01-1 GLP Not published	Y	N	-	Bayer CropScience
KCP 7.0/66	Percy, A. J.	1995	Salmonella typhimurium reverse mutation assay (Ames test) RPA202248 Rhone-Poulenc Agro, Sophia Antipolis, France Report No.: R005367, Edition Number: M-170821-01-1 Date: 1995-11-10 GLP Not published	N	N	-	not disclosed's
KCP	not disclosed's	1995	RPA203328 - Oral limit test in the rat	Y	N	-	Bayer

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
7.0/67			Report No.: R005364, Edition Number: M-170815-01-1 EPA MRID No.: 43904812 GLP Not published				CropScience
KCP 7.0/68	not disclosed's	1995	28-day toxicity study in the rat by dietary administration RPA203328 (a metabolite of RPA201772) Report No.: R005242, Edition Number: M-170705-01-1 GLP Not published	Y	N	-	not disclosed's
KCP 7.0/69	Percy, A. J.	1995	Reverse mutation assay (Ames test) Salmonella typhimurium RPA203328 Report No.: R005218, Edition Number: M-170668-01-1 GLP Not published	N	N	-	Bayer CropScience
KCP 7.0/70	xxx	1994	RPA 203328 - Exploratory 14-day toxicity study in the rat by gavage Report No.: C027126, Edition Number: M-212732-01-1 GLP Not published	Y	N	-	Bayer CropScience
KCP 7.0/71	not disclosed's	1998	RPA 203328: 90-Day Toxicity Study in the Rat by Dietary Administration Report No.: B003642, Report includes Trial Nos.: SA 98129 Edition Number: M-240662-01-1 GLP Not published	Y	N	-	Bayer CropScience
KCP 7.0/72	Murli, H.	1998	Mutagenicity test on RPA203328 - Measuring chromosomal aberrations in Chinese hamster ovary (CHO) cells	N	N	-	Bayer CropScience

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
			Report No.: R000093, Edition Number: M-157884-01-1 EPA MRID No.: 44545301 GLP Not published				
KCP 7.0/73	Cifone, M. A.	1998	Mutagenicity test on RPA203328 in the CHO/HGPRT forward mutation assay with duplicate cultures and a confirmatory assay Report No.: M-189726-01-2, Edition Number: M-189726-01-2 EPA MRID No.: 44545303 GLP Not published	N	N	-	Bayer CropScience
KCP 7.0/74	xxx	1998	Mutagenicity test on RPA 203328 in the in vivo mouse micronucleus assay Report No.: C026351, Report includes Trial Nos.: 19201 Edition Number: M-211247-01-1 GLP Not published	Y	N	-	Bayer CropScience
KCP 7.0/75	not disclosed's	1999	Developmental toxicology study in the rat by gavage RPA203328 Report No.: R014875, Edition Number: M-189848-01-1 GLP Not published	Y	N	-	Bayer CropScience
KCP 7.0/76	xxx	1999	Developmental toxicology study in the rat by gavage RPA203328 Report No.: R014875, Edition Number: M-189848-01-1 GLP Not published	Y	N	-	not disclosed's
KCP	not disclosed's	1996a	AMBA (2- Amino-4- Methylsulfonyl Benzoic Acid: Acute Oral Toxicity to the Rat	Y	N	-	Synenta

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
7.0/77			Report No. /P/5282 GLP Not published				
KCP 7.0/78	Fox, V	2000c	AMBA In vitro cytogenetic assay in human lymphocytes Zeneca Central Toxicology Laboratory Report No. CTL/SV0989 GLP Not published	N	N	-	Synenta
KCP 7.0/79	Elcombe, B.M.	1998a	ZA1296: Effects of AMBA, a metabolite of ZA1296 on phydroxy phenyl pyruvate dioxygenase (HPPD) activity. Zeneca Central Toxicology Laboratory Report No. CTL/R/1361 GLP -not Not published	N	N	-	Synenta
KCP 7.0/80	Callander, R.D.	1996b	AMBA AMBA (2-Amino-4-Methylsulfonyl Benzoic Acid): An Evaluation of Mutagenic Potential Using S.Typhimurium and E.Coli. Zeneca Central Toxicology Laboratory Report No. CTL/P/5226 GLP Not published	N	N	-	Synenta
KCP 7.0/81	not disclosed's	1996b.	MNBA: Acute Dermal Toxicity Study in Rats. Report No. /P/4963 GLP Not published	Y	N	-	Synenta
KCP 7.0/82	not disclosed's	1996c	MNBA: Skin Irritation to the Rabbit. Report No. /P/4964 GLP Not published	Y	N	-	Synenta
KCP	not disclosed's	1996d	MNBA: Eye Irritation to the Rabbit.	Y	N	-	Synenta

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
7.0/83			Report No. /P/4965 GLP Not published				
KCP 7.0/84	not disclosed's	1996e	MNBA: Local Lymph Node Assay. Report No. /P/4966 GLP Not published	N	N	-	Synenta
KCP 7.0/85	not disclosed's	1998	MNBA: 28 Day Oral Toxicity Study in Rats. Report No. /P/5578 GLP Not published	Y	N	-	Synenta
KCP 7.0/86	not disclosed's	2000	MNBA: 90 day dietary toxicity study in rats. Report No. /PR1155 GLP Not published	Y	N	-	Synenta
KCP 7.0/87	not disclosed's	2000	MNBA: Biotransformation in the rat. Report No. /P/6326 GLP Not published	Y	N	-	Synenta
KCP 7.0/88	not disclosed's	2000b	MNBA: Rat bone marrow micronucleus test Report No. /SR1043 GLP Not published	N	N	-	Synenta
KCP 7.0/89	Fox, V	2000a	MNBA: In vitro cytogenetic assay in human lymphocytes Zeneca Central Toxicology Laboratory Report No. CTL/P/6343 GLP Not published	N	N	-	Synenta

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 7.0/90	Elcombe, B.M.	1998b	ZA1296: Effects of MNBA, a metabolite of ZA1296 on phydroxy phenyl pyruvate dioxygenase (HPPD) activity. Zeneca Central Toxicology Laboratory Report No. CTL/R/1367 GLP -not Not published	N	N	-	Syngenta
KCP 7.0/91	not disclosed's	2000	MNBA: In vivo rat liver unscheduled DNA synthesis Report No. /SR1028 GLP Not published	N	N	-	Syngenta
KCP 7.0/92	Callander, R.D.	1996a	MNBA An Evaluation of Mutagenic Potential Using S.Typhimurium and E.Coli. Zeneca Central Toxicology Laboratory Report No. CTL/P/4955 GLP Not published	N	N	-	Syngenta
KCP 9.1.1/01	Schaffer A. Nicollier G.	1997a	Degradation of ¹⁴ C-labelled GS13529 in Gartenacker loam soil under aerobic conditions at 10 and 20 C and under anaerobic/sterile conditions at 20 C. Syngenta Crop Protection AG. Study No. 96AS01. GLP: Yes Published: No Report No. GS135239/1475.	N	N	-	Syngenta

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 9.1.1/02	Schaffer A. Nicollier G.	1997a	Degradation of ¹⁴ C-labelled GS13529 in Gartenacker loam soil under aerobic conditions at 10 and 20 °C and under anaerobic/sterile conditions at 20 °C. Syngenta Crop Protection AG. Study No. 96AS05. GLP: Yes Published: No Report No. GS135239/1475.	N	N	-	Syngenta
KCP 9.1.1/03	Morgenroth, U	2000a	Degradation of [triazine-U-14C]-labelled GS 13529 in two soils under aerobic conditions at 20°C Novartis Crop Protection AG, Basel, Switzerland, Report No 99MO06 GLP Not Published Syngenta File N° GS13529/1673	N	N	-	Syngenta

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 9.1.1/04	Glaenzel, A.	1998	Rate of degradation of GS 13529 in one soil under various conditions Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 97RP02 GLP Not Published Syngenta File N° GS13529/1582	N	N	-	Syngenta
KCP 9.1.1/05	Galicía H., Morgenroth, U.	1993	Degradation of 14C-Terbuthylazin Technical (GS 13529): in Four Soils Incubated under Aerobic Conditions Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, Report No 243224 GLP Not Published Syngenta File N° GS13529/1219	N	N	-	Syngenta

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 9.1.1/06	Purghart, V.	2000	Terbuthylazine (GS 13529): soil photolysis Novartis Crop Protection AG, Basel, Switzerland Springborn Smithers Laboratories (Europe) AG, Horn, Switzerland, Report No 1047.102.720 GLP Not Published Syngenta File N° GS13529/1706	N	N	-	Syngenta
KCP 9.1.1/07	Abildt, U.	1991	Aerobic degradation of GS 13529 in soil under various test-conditions Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 38-90 GLP Not Published Syngenta File N° GS13529/0855	N	N	-	Syngenta

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 9.1.1/08	Reischmann, F.	2000a	Rate of degradation of Triazine-U-14C) labelled GS 26379 in three soils under aerobic laboratory conditions at 20° C Novartis Crop Protection AG, Basel, Switzerland, Report No 99RF04 GLP Not Published Syngenta File N° GS26379/0008	N	N	-	Syngenta
KCP 9.1.1/09	Glaenzel, A.	2000a	Rate of degradation of 14C-triazine labelled GS 23158 in three soils under laboratory conditions at 20°C Novartis Crop Protection AG, Basel, Switzerland, Report No 99AG05 GLP Not Published Syngenta File N° GS23158/0006	N	N	-	Syngenta

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 9.1.1/10	Phaff,R.	2000a	Degradation of 14C-triazine labelled GS 28620 in four soils under aerobic conditions at 20°C Novartis Crop Protection AG, Basel, Switzerland, Report No 99RP05 GLP Not Published Syngenta File N° GS28620/0008	N	N	-	Syngenta
KCP 9.1.1/11	Nicollier,G.	1997	Field dissipation of GS 13529 after bareground application of [triazine-(U)-14C] labelled material Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No CMR 08/97 GLP Not Published Syngenta File N° GS13529/1485	N	N	-	Syngenta

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 9.1.1/12	Offizorz, P., Ressler, H.	1990a	Dissipation rate determination of terbuthylazine Novartis Crop Protection AG, Basel, Switzerland RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany, Report No 170425 Not GLP Not Published Syngenta File N° GS13529/0924	N	N	-	Syngenta
KCP 9.1.1/13	Offizorz, P., Ressler, H.	1990b	Field soil, Dissipation rate determination of terbuthylazine Novartis Crop Protection AG, Basel, Switzerland RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany, Report No 170414 Not GLP Not Published Syngenta File N° GS13529/0926	N	N	-	Syngenta

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 9.1.1/14	Offizorz, P., Ressler, H.	1991a	Field soil dissipation rate determination of terbuthylazine (Exp.-No. 51-90B) Novartis Crop Protection AG, Basel, Switzerland RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany, Report No 223740 GLP Not Published Syngenta File N° GS13529/0925	N	N	-	Syngenta
KCP 9.1.1/15	Offizorz, P., Ressler, H.	1991b	Field soil dissipation rate determination of terbuthylazine (Exp.-No. 25-90B) Novartis Crop Protection AG, Basel, Switzerland RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany, Report No 223727 GLP Not Published Syngenta File N° GS13529/0927	N	N	-	Syngenta

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KCP 9.1.1/16	Offizorz, P., Ressler, H.	1991c	Field soil dissipation rate determination of terbuthylazine (Exp.-No. 24-90B) Novartis Crop Protection AG, Basel, Switzerland RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany, Report No 223716 GLP Not Published Syngenta File N° GS13529/0928	N	N	-	Syngenta
KCP 9.1.1/17	Offizorz, P., Ressler, H.	1991d	Field soil dissipation rate determination of terbuthylazine (Exp.-No. 50-90B) Novartis Crop Protection AG, Basel, Switzerland RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany, Report No 223738 GLP Not Published Syngenta File N° GS13529/0929	N	N	-	Syngenta

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 9.1.1/18	Evans, P.	2004a	Terbuthylazine (GS13529) and S-Metolachlor (CGA77102): Dissipation Study with Terbuthylazine (GS13529) and S-Metolachlor (CGA77102) in or on Cultivated Soil in France (South) Syngenta Crop Protection AG, Basel, Switzerland Syngenta, Jealott's Hill, United Kingdom, Report No RJ3521B GLP Not Published Syngenta File N° CGA77102/0806	N	N	-	Syngenta
KCP 9.1.1/19	Evans, P.	2004b	Terbuthylazine (GS13529) and S-Metolachlor (CGA77102) : Dissipation Study with Terbuthylazine and S-Metolachlor (CGA77102) in or on Cultivated Soil in Italy Syngenta Crop Protection AG, Basel, Switzerland Syngenta, Jealott's Hill, United Kingdom, Report No RJ3522B GLP Not Published Syngenta File N° CGA77102/0807	N	N	-	Syngenta

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 9.1.1/20	Edwards,P., Evans, P.	2004	Terbuthylazine: Residue Stability Study for Terbuthylazine (GS13529) and its Metabolites (GS26379, GS23158 and GS28620) in Soil under Freezer Storage Conditions - Interim Report Syngenta Crop Protection AG, Basel, Switzerland Syngenta, Jealott's Hill, United Kingdom, Report No RJ3492B GLP Not Published	N	N	-	Syngenta
KCP 9.1.1/21	Mamouni A., Morgenroth U.	1995	METABOLISM AND DEGRADATION OF 14C-TERBUTHYLAZINE IN FOUR SOILS INCUBATED UNDER AEROBIC CONDITIONS RCC AG., Itingen, Switzerland Oxon Italia S.P.A, Pero, Italy Report-no. 324505 GLP: yes published: no	N	N	-	Oxon

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 9.1.1/22	Wonders J.,van Noorloos.B.	2003	ANAEROBIC SOIL METABOLISM OF TERBUTHYLAZINE Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 356906 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/23	Willems H., Wonders J.	2001	PHOTODEGRADATION OF TERBUTHYLAZINE ON SOIL SURFACES Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 308148 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/24	Willems H.	1998a	DETERMINATION OF THE METABOLISM AND DEGRADATION RATE OF DESETHYLTERBUTHYLAZINE IN SOIL Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 197786 GLP: yes published: no	N	N	-	Oxon

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 9.1.1/25	Willems H.	1998b	DETERMINATION OF THE DEGRADATION RATE OF DESETHYLTERBUTHYLAZINE IN THREE SOILS Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 197775 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/26	Slangen P.J.	2001a	DETERMINATION OF THE DEGRADATION RATE OF 2-HYDROXYTERBUTHYLAZINE IN THREE SOILS Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 308251 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/26	Glanzel A.	2000	RATE OF DEGRADATION OF 14C-TRIAZINE LABELLED GS 23158 IN THREE SOILS UNDER LABORATORY CONDITIONS AT 20°C. Novartis Crop Protection AG, Basel, Switzerland. Unpublished report No. 99AG05. Study dates: 11 October 1999 – 15 March 2000 Syngenta File N° GS 23158/0006	N	N	-	Oxon

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 9.1.1/27	Roberts N.L.	1999	CLICK 50 SC: SOIL DISSIPATION WITH TERBUTHYLAZINE IN FRANCE Huntingdon Life Sciences Ltd., Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 162/983485 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/28	Roberts N.L.	2000	CLICK 50 SC: SOIL DISSIPATION WITH TERBUTHYLAZINE IN ITALY Huntingdon Life Sciences Ltd., Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 162/984733 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/29	Blaschke U.G.	1998	CLICK 50 SC: SOIL DISSIPATION WITH TERBUTHYLAZINE IN GERMANY Huntingdon Life Sciences Ltd., Suffolk, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 188/983486 GLP: yes published: no	N	N	-	Oxon

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 9.1.1/30	Todd M.	1999	2 HYDROXY TERBUTHYLAZINE: VALIDATION AND DETERMINATION OF RESIDUES IN SOIL SAMPLES GENERATED FROM FIELD DISSIPATION TRIALS HELD IN NORTHERN EUROPE Huntingdon Life Sciences Ltd., Suffolk, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 227/993260 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/31	Lucini L.	2006	LUCINI L. FREEZER STORAGE STABILITY OF TERBUTHYLAZINE AND ITS METABOLITES DESETHYL- TERBUTHYLAZINE AND 2-HYDROXY- TERBUTHYLAZINE IN SOIL INTERIM REPORT 2 YEARS Research Centre “E. Gagliardini” – SIPCAM S.p.A. 26857 Salerano sul Lambro (LO) ITALY Oxon Italia S.P.A, Pero, Italy Report-no. SIP 1433 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.1/32	Willems H	2007	Amendment to: Determination of the metabolism and degradation rate of desethylterbuthylazine in soil Oxon Italia, S.p.a, Pero, Italy NOTOX B.V., Hertogenbosch, Netherlands, 197786 GLP, not published	N	N	-	Oxon
KCP	Hardy I	2007	Terbuthylazine - Overview of FOCUS Kinetic Modelling of Laboratory and Field	N	N	-	Syn/Oxn

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
9.1.1/33			Soil Studies and Selection of Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Battelle UK Ltd., Ongar, United Kingdom, NC/08/006F Not GLP, not published				
KCP 9.1.1/34	Hardy I	2008a	Terbuthylazine - Kinetic Modelling Analysis of Data from Aerobic Soil Degradation Studies in Order to Derive DT50 Values and Formation Fractions for Use as Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Battelle UK Ltd., Ongar, United Kingdom, NC/08/006A Not GLP, not published	N	N	-	Syn/Oxn
KCP 9.1.1/35	Hardy I	2008b	Terbuthylazine - Kinetic Modelling Analysis of Data from Aerobic Soil Degradation Studies With the Metabolite MT1 (GS26379) in Order to Derive DT50 Values and Formation Fractions for Use as Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Battelle UK Ltd., Ongar, United Kingdom, NC/08/006B Not GLP, not published	N	N	-	Syn/Oxn
KCP 9.1.1/36	Hardy I	2008c	Terbuthylazine - Kinetic Modelling Analysis of Data from Aerobic Soil Degradation Studies With the Metabolite MT13 (GS23158) in Order to Derive DT50 Values for Use as Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd., Ongar, United Kingdom, NC/08/006C Not GLP, not published	N	N	-	Syn/Oxn
KCP 9.1.1/37	Hardy I	2008d	Terbuthylazine - Kinetic Modelling Analysis of Data from Aerobic Soil Degradation Studies With the Metabolite MT14 (GS28620) in Order to Derive DT50 Values for Use as Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Battelle UK Ltd., Ongar, United Kingdom, NC/08/006D Not GLP, not published	N	N	-	Syn/Oxn

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 9.1.1/38	Hardy I	2008e	Terbutylazine - Kinetic Modelling Analysis of Data from Field Soil Dissipation Studies in Order to Derive Normalised DT50 Values and Formation Fractions for Use as Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Battelle UK Ltd., Ongar, United Kingdom, NC/08/006E Not GLP, not published	N	N	-	Syn/Oxn
KCP 9.1.1/39	Lucini L	2007	Characterisation of soils tested in field dissipation studies with Click 50 SC Oxon Italia S.p.a., Pero, Italy , OXO - TBA - AII -0701010202 GLP, not published	N	N	-	Oxon
KCP 9.1.1/40	Trevisan M	2009	Terbutylazine - Multi-site Study for the Monitoring of Terbutylazine and its Metabolites in Soil Syngenta CP S.p.A, Milano, Italy; Oxon Italia S.p.a., Pero, Italy. CERZOO, Piacenza, Italy, CZ/07/020/UCSC/TBASOI/RF, T008420-07 GLP, not published	N	N	-	Syn/Oxn
KCP 9.1.1/41	Hardy, I. A. J.	2001	Isoxaflutole: Kinetic modelling analysis of a European terrestrial field soil dissipation study Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C015653, Edition Number: M-200916-01-1 EPA MRID No.: 45658806 Date: 2001-12-04 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/42	Gatzweiler, E. W.	1996	RPA 201772: terrestrial field soil dissipation study Rhône-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C034014, Report includes Trial Nos.:	N	N	-	Bayer CropScience

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
			AR53-94 Edition Number: M-234225-01-1 Date: 1996-02-14 GLP/GEP: yes, unpublished				
KCP 9.1.1/43	Heinemann, O.	2012	[Cyclopropyl-1-14C]RPA 202248:: Aerobic degradation/metabolism in one European soil Bayer CropScience, Report No.: MEF-11/486, Edition Number: M-427583-01-1 Date: 2012-03-12 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/45	Burr C. M.; Jones, M. K.; Newby, S. E.	1995	RPA201772 Anaerobic Aquatic Metabolism Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom BCS, Report No.: R016760, Edition Number: M-192288-01-1 Date: 1995-01-30 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/46	Ferreira, E. M.	1994	RPA201772 - Soil photolysis Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom BCS, Report No.: R000311, Edition Number: M-158351-01-1 Date: 1994-02-04 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/47	Hardy, I. A. J.	2001	Isoxaflutole: Kinetic modelling analysis of a European terrestrial field soil dissipation study Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Bayer CropScience,	N	N	-	Bayer CropScience

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
			Report No.: C015653, Edition Number: M-200916-01-1 EPA MRID No.: 45658806 Date: 2001-12-04 GLP/GEP: no, unpublished				
KCP 9.1.1/48	Gatzweiler, E. W.	1996	RPA 201772: terrestrial field soil dissipation study Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C034014, Report includes Trial Nos.: AR53-94 Edition Number: M-234225-01-1 Date: 1996-02-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/49	Ferreira, E. M.; Jones, M. K.; Newby, S. E.	1994	RPA201772: Aerobic soil metabolism Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom BCS, Report No.: R000347, Edition Number: M-158435-01-1 Date: 1994-10-13 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/50	Burr, C. M.	1995	Herbicides: RPA 201772 Route of degradation (aerobic metabolism) in one soil (interim report) Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C022444, Edition Number: M-213110-01-1 Date: 1995-12-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience

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KCP 9.1.1/51	Burr, C. M.	1996	Herbicides: Isoxaflutole Route of Degradation (Aerobic Metabolism) in one Soil Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: B003826, Edition Number: M-240821-01-1 EPA MRID No.: 45658804 Date: 1996-08-12 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/52	Ferreira, E. M.; Bullus, C. M.; Jones, M. K.; Simmonds, M. B.	1996	RPA 201772: Rate of Degradation under Aerobic Conditions in Three Soil Types Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: B003827, Edition Number: M-240822-01-1 EPA MRID No.: 45658805 Date: 1996-01-10 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/53	Ferreira, E. M.	1996	RPA 201772: Rate of degradation under aerobic conditions in one soil at 10 degrees C Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C022445, Edition Number: M-213113-01-1 Date: 1996-01-24 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/54	Hardy, I. A. J.	2013	Isoxaflutole: Kinetic modelling evaluation of aerobic soil degradation study data to derive trigger endpoints Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: VC/13/007C, Edition Number: M-464601-01-1	N	N	-	Bayer CropScience

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
			Date: 2013-07-17 GLP/GEP: no, unpublished				
KCP 9.1.1/55	Hardy, I. A. J.	2013	Isoxaflutole: Kinetic modelling evaluation of aerobic soil degradation study data to derive modelling endpoints Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: VC/13/007B, Edition Number: M-464596-01-1 Date: 2013-07-17 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/56	Ferreira, E. M.; Jones, M. K.; Newby, S. E.	1994	RPA201772: Aerobic soil metabolism Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom BCS, Report No.: R000347, Edition Number: M-158435-01-1 Date: 1994-10-13 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/57	Burr, C. M.	1995	Herbicides: RPA 201772 Route of degradation (aerobic metabolism) in one soil (interim report) Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C022444, Edition Number: M-213110-01-1 Date: 1995-12-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/58	Burr, C. M.	1996	Herbicides: Isoxaflutole Route of Degradation (Aerobic Metabolism) in one Soil Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: B003826,	N	N	-	Bayer CropScience

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			Edition Number: M-240821-01-1 EPA MRID No.: 45658804 Date: 1996-08-12 GLP/GEP: yes, unpublished				
KCP 9.1.1/59	Ferreira, E. M.; Bullus, C. M.; Jones, M. K.; Simmonds, M. B.	1996	RPA 201772: Rate of Degradation under Aerobic Conditions in Three Soil Types Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: B003827, Edition Number: M-240822-01-1 EPA MRID No.: 45658805 Date: 1996-01-10 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/60	Ferreira, E. M.	1996	RPA 201772: Rate of degradation under aerobic conditions in one soil at 10 degrees C Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C022445, Edition Number: M-213113-01-1 Date: 1996-01-24 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/61	Heinemann, O.	2012	[Cyclopropyl-1-14C]RPA 202248:: Aerobic degradation/metabolism in one European soil Bayer CropScience, Report No.: MEF-11/486, Edition Number: M-427583-01-1 Date: 2012-03-12 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/62	Hardy, I. A. J.	2013	Isoxaflutole: Kinetic modelling evaluation of aerobic soil degradation study data to derive trigger endpoints	N	N	-	Bayer CropScience

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			Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: VC/13/007C, Edition Number: M-464601-01-1 Date: 2013-07-17 GLP/GEP: no, unpublished				
KCP 9.1.1/63	Hardy, I. A. J.	2013	Isoxaflutole: Kinetic modelling evaluation of aerobic soil degradation study data to derive modelling endpoints Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: VC/13/007B, Edition Number: M-464596-01-1 Date: 2013-07-17 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/64	Gatzweiler, E. W.	1996	RPA 201772: terrestrial field soil dissipation study Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C034014, Report includes Trial Nos.: AR53-94 Edition Number: M-234225-01-1 Date: 1996-02-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/65	Gatzweiler, E. W.	1996	RPA 201772: terrestrial field soil dissipation study on four European soils Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R000410, Report includes Trial Nos.: P94/009 Edition Number: M-158573-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience

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KCP 9.1.1/66	Heinemann, O.	2012	Determination of the residues of AE 0540092 in/on soil after spraying of AE 0540092 WP 20 in the field in Germany, United Kindom, France (North), Italy and Spain Bayer CropScience, Report No.: 10-2702, Report includes Trial Nos.: 10-2702-01 10-2702-02 10-2702-03 10-2702-04 10-2702-05 10-2702-06 Edition Number: M-428564-01-1 Date: 2012-03-19 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/67	Hardy, I. A. J.	2013	Kinetic modelling analysis of AE 0540092 and AE B197555 from a field soil residue study conducted in Europe (Normalisation to 20degree and pF2) Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: VC/13/007A, Edition Number: M-464592-01-1 Date: 2013-07-17 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/68	IAJ Hardy and ND Jastrzebski,	2015	Kinetic modelling analysis of AE 0540092 and AE B197555 from a field soil residue study conducted in Europe (Normalisation to 20°C and pF2) Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: VC/15/013A, Edition Number: M-53318701-1 Date: 2015-09-10 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience

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KCP 9.1.1/69	Hardy, I. A. J.	2013	Isoxaflutole: Kinetic modelling endpoint summary Battelle UK Ltd., Chelmsford, United Kingdom Bayer CropScience, Report No.: VC/13/007J, Edition Number: M-464899-01-1 Date: 2013-09-18 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/70	IAJ Hardy and ND Jastrzebski	2015	Isoxaflutole: Kinetic modelling endpoint summary Battelle UK Ltd., Chelmsford, United Kingdom Bayer CropScience, Report No.: VC/15/013B, Edition Number: M-533191-01-1 Date: 2015-09-10 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.1.1/71	Fish L.	2013	GIS study of the proportion of acid and alkaline soils under maize crop in Europe Syngenta Syngenta - Jealott's Hill, Bracknell, United Kingdom, RAJ1012B Not GLP, not published Syngenta File No ZA1296_10160	N	N	-	Syngenta
KCP 9.1.1/72	Hand L.	2013	Mesotrione - Assessment of the significance of unidentified components from harsh extraction of soil residues in 14C-cyclohexanedione labelled mesotrione soil metabolism studies Syngenta Syngenta - Jealott's Hill, Bracknell, United Kingdom, Not GLP, not published Syngenta File No ZA1296_10185	N	N	-	Syngenta

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KCP 9.1.1/73	Graham R., Gilbert J.	2013	Mesotrione - Kinetic Modelling Analysis of Data from Aerobic Soil Degradation Studies to Derive Modelling and Persistence Endpoint DT50 Values Syngenta Battelle UK Ltd., Ongar, United Kingdom, NC/11/059C Not GLP, not published Syngenta File No ZA1296_10135	N	N	-	Syngenta
KCP 9.1.1/74	Bramley YM, Pinheiro S I, Verity A A	2002	Mesotrione Comparison of Adsorption Properties of Mesotrione and Its copper Salt in Four Soils Syngenta Crop Protection AG, Basel, Switzerland Syngenta Crop Protection AG, Basel Switzerland, RJ3289B GLP, not published Syngenta File No ZA1296/0831	N	N	-	Syngenta
KCP 9.1.1/75	Hurst L.	2013	SYN546974 - Adsorption and Desorption Properties of Phenyl-U- 14C- SYN546974, a Metabolite of Mesotrione Syngenta Smithers Viscient (ESG) Ltd, Harrogate, UK, 8252095 GLP, not published	N	N	-	Syngenta
KCP 9.1.1/76	Marth, J.L.	1997	[14C]AMBA, a Metabolite of ZA 1296: Rate of Degradation in Soil Under Aerobic Laboratory Conditions. Zeneca Agrochemicals Report No: RR97-032 In DAR (1999) GLP, not published	N	N	-	Syngenta
KCP	Miller,	1997	[Phenyl-U-14C]ZA 1296: Route and	N	N	-	Syngenta

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9.1.1/77	M.M.		Rate of Degradation in Wisconsin Silt Loam Soil Under Aerobic Laboratory Conditions. Zeneca Agrochemicals Report No: RR97-033B In DAR (1999) GLP, not published				
KCP 9.1.1/78	Miller, M.M., Wilson, W.R.	1997	[phenyl-U-14C]ZA 1296. Rate of Degradation in Three Soils Under Aerobic Laboratory Condition. Zeneca Agrochemicals Report No: RR96-099B GLP, not published	N	N	-	Syngenta
KCP 9.1.1/79	Subba-Rao, R.V.	1996	[Phenyl 14C-ZA 1296. Aerobic soil metabolism study. Zeneca Agrochemicals Report No: RR95-082B GLP, not published	N	N	-	Syngenta
KCP 9.1.1/80	Tarr, J.B.	1997	[phenyl-U-14C]ZA 1296. Metabolism in Thirteen Soils Under Aerobic Conditions. Zeneca Agrochemicals Report No: RR93-092B GLP, not published	N	N	-	Syngenta
KCP 9.1.1/81	Vispetto, A.R., Tovshetyn, M.	1996	[cyclohexane-2-14C]ZA 1296. Anaerobic Aquatic Soil Metabolism. Zeneca Agrochemicals Report No: RR95-048B GLP, not published	N	N	-	Syngenta

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KCP 9.1.1/82	Vispetto, A.R., Tovshteyn, M.	1997	Addendum to: [Cyclohexane-2-14C]ZA 1296. Aerobic soil metabolism study. Zeneca Agrochemicals Report No: RR95-047B ADD GLP, not published	N	N	-	Syngenta
KCP 9.1.1/83	Lay, M.M	2000	[Phenyl-U-14C] AMBA : Rate of Degradation in Soil under Aerobic Laboratory Conditions Zeneca Ag products Western Research Center Report No RR 99-096B GLP, not published	N	N	-	Syngenta
KCP 9.1.1/84	Graham, D.G. et al	1997a	Field Soil Dissipation Study Carried Out in France During 1995-1996. Zeneca Agrochemicals Report No: RR97-026B GLP, not published	N	N	-	Syngenta
KCP 9.1.1/85	Graham, D.G. et al	1997b	Field Dissipation Study Carried Out in Italy During 1995-1996. Zeneca Agrochemicals Report No: RR97-025B GLP, not published	N	N	-	Syngenta
KCP 9.1.1/86	Graham, D.G. et al	1997c	Field Dissipation Study Carried Out in Germany During 1995-1996. Zeneca Agrochemicals Report No: RR97-051B GLP, not published	N	N	-	Syngenta
KCP	Graham,	1998a	Field Dissipation Study Carried Out	N	N	-	Syngenta

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9.1.1/87	D.G. et al		in Germany During 1996-1997. Zeneca Agrochemicals Report No: RR97-067B GLP, not published				
KCP 9.1.1/88	Graham, D.G. et al	1998b	Field Dissipation Study Carried Out in Italy During 1996-1997. Zeneca Agrochemicals Report No: RR97-070B GLP, not published	N	N	-	Syngenta
KCP 9.1.1/89	Wiebe, L.A., Yeh, S. M.	1999	ZA 1296: Stability of ZA 1296 and the metabolites MNBA and AMBA in Frozen Soil (WRC-98-158). (WINO 12775). Zeneca Agrochemicals Report No: RR98-065B	N	N	-	Syngenta
KCP 9.1.2/01	Phaff, R.	2000b	Adsorption / Desorption of GS 13529 in various soils Novartis Crop Protection AG, Basel, Switzerland, Report No 99RP04 GLP Not Published	N	N	-	Syngenta

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KCP 9.1.2/02	Mueller J.	1991a	Determining the adsorption and desorption of terbuthylazine. Novartis Crop Protection AG. Fraunhofer Institute for Environmental Chemistry and Ecotoxicology. Report No CIB-004/7-13. GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/03	Reischamnn F.	2000b	Adsorption / desorption of Triazine-U-14C-labelled GS 26379 in soil lorsch Novartis Crop Protection AG, Basel, Switzerland, Report No 00RF04 GLP Not Published	N	N	-	Syngenta
KCP 9.1.2/04	McLaughlin, S., Galicia,H.	1996a	GS 26379: Determination of adsorption and desorption in three soils Novartis Crop Protection AG, Basel, Switzerland Springborn Smithers Laboratories (Europe) AG, Horn, Switzerland, Report No 95-058-1008 GLP Not Published	N	N	-	Syngenta

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 9.1.2/05	Mueller,J.	1991b	Determination of adsorption/desorption of desethyl-terbuthylazine. Fraunhofer-Institut für Umweltchemie und Ökotoxikologie. Report No. CIB-05/7-13. GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/06	Adam, D.	2000a	Adsorption / desorption of GS 23158 in Borstel soil Novartis Crop Protection AG, Basel, Switzerland, Report No 99DA11 GLP Not Published	N	N	-	Syngenta
KCP 9.1.2/07	McLaughlin,S., Galicja,H.	1996b	GS 23158: Determination of adsorption and desorption in three soils Novartis Crop Protection AG, Basel, Switzerland Springborn Smithers Laboratories (Europe) AG, Horn, Switzerland, Report No 95-059-1008 GLP Not Published	N	N	-	Syngenta

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KCP 9.1.2/08	Morgenroth,U.	2000b	Adoption / Desorption of Triazine-U-14C labelled GS 28620 in various soils Novartis Crop Protection AG, Basel, Switzerland, Report No 00MO01 GLP Not Published	N	N	-	Syngenta
KCP 9.1.2/09	Morgenroth,U.	1995	ADSORPTION/DESORPTION OF 14C- TERBUTHYLAZINE ON FOUR SOILS RCC AG., Itingen, Switzerland Oxon Italia S.P.A, Pero, Italy Report-no. 385582 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.2/10	Willems H.	1997	ADSORPTION/DESORPTION OF DESETHYLTERBUTHYLAZINE ON SOIL Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 197797 GLP: yes published: no	N	N	-	Oxon

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KCP 9.1.2/11	Slangen P.J.	2001b.	ADSORPTION/DESORPTION OF 2-HYDROXYTERBUTHYLAZINE ON SOIL Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 308238 GLP: yes published: no	N	N	-	Oxon
KCP 9.1.2/12	McLaughlin S, Lentz N	2008	14C-GS28620 (Desethyl-hydroxy-terbuthylazine). Adsorption of 14C-GS28620 (Desethyl-hydroxy-terbuthylazine) on Multiple Soils. Syngenta - Jealott's Hill, Bracknell, United Kingdom; ; Oxon Italia S.p.a., Pero, Italy. Springborn Laboratories Inc., Wareham, USA, 1781.6712, T001654-08 GLP, not published	N	N	-	OXON/SYN
KCP 9.1.2/13	Ulbrich R.	1998	Adsorption / desorption of GS 14260 in various soils Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, 97UL03 GLP, not published	N	N	-	OXON/SYN
KCP 9.1.2/14	Simmonds M, Burgess M	2009	Terbuthylazine - Estimation of Adsorption Coefficient (Koc) on Soil of CSCD648241, a Soil Metabolite, by HPLC (OECD 121) Syngenta - Jealott's Hill, Bracknell, United Kingdom; ; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd., Ongar, United Kingdom, NC/09/009, T000357-09 GLP, not published	N	N	-	OXON/SYN
KCP 9.1.2/15	Simmonds M, Burgess M	2009a	Terbuthylazine - Estimation of Adsorption Coefficient (Koc) on Soil of CSCD692760, a Soil Metabolite, by HPLC (OECD 121) Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd., Ongar, United Kingdom, NC/09/008, T000514-09	N	N	-	OXON/SYN

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			GLP, not published				
KCP 9.1.2/16	Simmonds M, Burgess M	2009b	Terbuthylazine - Estimation of Adsorption Coefficient (Koc) on Soil of CSCD692760, a Soil Metabolite, by HPLC (OECD 121) Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd., Ongar, United Kingdom, NC/09/008, T000514-09 GLP, not published	N	N	-	OXON/SYN
KCP 9.1.2/17	Ellgehausen, H.	1988	Leaching model study with GS 13529 in four soil types Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 14-88 GLP Not Published	N	N	-	Syngenta
KCP 9.1.2/18	Hassink,J.	1992	Outdoor lysimeter study on Terbuthylazine Novartis Crop Protection AG, Basel, Switzerland ITA Fraunhofer-Inst., Hannover, Germany, Report No CIB-04/7-11 GLP Not Published	N	N	-	Syngenta

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KCP 9.1.2/19	Burgener A.	1995	14C-Terbuthylazine/14C-Atrazine: Mobility and Degradation in Soil in Outdoor Lysimeters Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, Report No 321581 GLP Not Published	N	N	-	Syngenta
KCP 9.1.2/20	Ressler, H.	2004	Leaching behaviour of terbuthylazine in a long term field experiment from 1990 to 2001 in Germany Syngenta Crop Protection AG, Basel, Switzerland C.A.U. GmbH, Dreieich, Germany, Report No HR012004 Not GLP Not Published	N	N	-	Syngenta
KCP 9.1.2/21	Haaman, H., Gramatte, A. Brodsky.J.	1993	Experimental examinations of the behaviour of terbuthylazine in soil Novartis Crop Protection AG. Battelle Institut, Frankfurt Germany. Report No BE-FLA-20-89-1 GLP: Yes Published: No	N	N	-	Syngenta

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KCP 9.1.2/22	Ricker, I., Haamann H.	1993	Experimental studies on the behaviour of terbuthylazine in soil – 1992. Battelle Europe, Battelle Institut e.V. Frankfurt/M Germany & C.A.U. GmbH, Frankfurt/M Germany. Report No. T01 FR01. GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/23	Lutolf, W. Haamann, H.	1998	Behaviour of terbuthylazine in soil after application of formulation SC 500 (A-6144C) and potential leaching to groundwater – Determination of terbuthylazine and GS26379. C.A.U. GmbH, Dreieich Germany (field part) & Novartis Crop Protection AG (Laboratory part). Report No. 3053/94. GLP: Yes Published: No	N	N	-	Syngenta

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KCP 9.1.2/24	Lutolf, W	1999	Behaviour of terbuthylazine and metolachlor in soil after application of formulation SC 500 (A-6144C) and potential leaching to groundwater. C.A.U. GmbH, Dreieich Germany (field part) & Novartis Crop Protection AG, (Laboratory part). Report No. 3060/95. GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/25	Lutolf, W	2000	Behaviour of terbuthylazine and metolachlor in soil after application of formulation SC 500 (A-6144C) and potential leaching to groundwater. C.A.U. GmbH, Dreieich Germany (field part) & Novartis Crop Protection AG. Report No. 3070/96. GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/26	Lutolf, W	2000b	Study on the leaching of terbuthylazine and metolachlor in a long term field experiment. C.A.U. GmbH, Dreieich Germany (field part) & Novartis Crop Protection AG. Report No. 3140/97. GLP: Yes Published: No	N	N	-	Syngenta

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 9.1.2/27	Lutolf, W	2002	Study on the leaching of terbuthylazine and metolachlor in a long term field experiment. C.A.U. GmbH, Dreieich Germany (field part) & Novartis Crop Protection AG. Report No. 3091/99. GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/28	Tribolet, R.	2003	Study on the leaching of terbuthylazine and metolachlor in a long term field experiment. C.A.U. GmbH, Dreieich Germany (field part) & Novartis Crop Protection AG. Report No. 3040/00. GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/29	Zietz, E.	2000	Monitoring of GS13529 (Terbuthylazine) in Surface Water adjacent Fields susceptible to run-off. Trial Sites Ramholz (Hesse) and Kemading (Bavaria) Novartis Agro GmbH, Frankfurt, Germany Institut Fresenius, Taunusstein, Germany, Report No IF-99/07972-00 GLP Not Published	N	N	-	Syngenta

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KCP 9.1.2/30	Mamouni, A.	1996	14C-Terbuthylazine: Mobility and Degradation in Soil in Outdoor Lysimeters. RCC AG., Itingen, Switzerland, Report No. 348794, GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.1.2/31	Mamouni, A Burgener A.	1996	14C-TERBUTHYLAZINE: MOBILITY AND DEGRADATION IN SOIL IN OUTDOOR LYSIMETERS RCC AG., Itingen, Switzerland Oxon Italia S.P.A, Pero, Italy Report-no. 348794 GLP: yes	N	N	-	Oxon
KCP 9.1.2/32	Mamouni, A	2006	TERBUTHYLAZINE: IDENTIFICATION OF LEACHATE METABOLITES AFTER TREATMENT OF SOIL IN OUTDOOR LYSIMETERS RCC AG., Itingen, Switzerland Oxon Italia S.p.A, Pero, Italy Report-no. A04858 GLP: yes	N	N	-	Oxon

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 9.1.2/33	Hassink J.	1992	OUTDOOR LYSIMETER STUDY ON TERBUTHYLAZINE. Fraunhofer Institut für Umweltchemie und Ökotoxikologie, Germany, CIB-04/7-11, November 1992	N	N	-	Oxon
KCP 9.1.2/34	Burgener A.	1995	¹⁴ C-TERBUTHYLAZINE/ ¹⁴ C-ATRAZINE: MOBILITY AND DEGRADATION IN SOIL IN OUTDOOR LYSIMETERS, RCC Umweltchemie AG, Itingen, Switzerland, 321581, 06.07.1995	N	N	-	Oxon
KCP 9.1.2/35	Ressler, H.	2004	LEACHING BEHAVIOUR OF TERBUTHYLAZINE (GS 13529) AND METABOLITES IN A LONG TERM FIELD EXPERIMENT FROM 1990 TO 2001 IN GERMANY. Syngenta Agro GmbH, Maintal, Germany Summary Report No. HR012004, 13.01.2004 non GLP, not published	N	N	-	Oxon
KCP 9.1.2/36	Mamouni A	2008	SECOND AMENDMENT TO REPORT Terbutylazine: Identification of leachate metabolites after treatment of soil in outdoor lysimeters Oxon Italia S.p.A. RCC Ltd., Itingen, Switzerland, A05848 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/37	Saeed M	2009	Confirmation of identity of ¹⁴ C-labelled Leachate components LM1, LM2 and LM4 in Leachate water sample extract J7357/03/01 Syngenta; Oxon Italia S.p.a., Pero, Italy.	N	N	-	Oxon/Syngenta

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			Syngenta - Jealott's Hill, Bracknell, United Kingdom, REP_GLP 10376902, 09AS001 GLP, not published				
KCP 9.1.2/38	Saeed M	2009a	Confirmation of the identity of the 14C-labelled Leachate component LM3 in Leachate Water sample extract J7357/03/01 Syngenta; Oxon Italia S.p.a., Pero, Italy. Syngenta - Jealott's Hill, Bracknell, United Kingdom, REP_GLP 10372116, 08AS064 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/39	Saeed M	2009b	Confirmation of identity and estimate the quantity of 14C-labelled Leachate components in Leachate water sample extract J7357/03/01 Syngenta; Oxon Italia S.p.a., Pero, Italy. Syngenta - Jealott's Hill, Bracknell, United Kingdom, REP_GLP 10387599, 09AS006 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/40	Hand L.	2009	Review of the Separation and Identification of Terbutylazine Metabolites Detected in Lysimeter Leachate Samples Syngenta; Oxon Italia S.p.a., Pero, Italy. Syngenta - Jealott's Hill, Bracknell, United Kingdom, T000412-09/3 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/41	Sapiets A	2009	Field leaching study to investigate the movement of terbutylazine and its metabolites to shallow groundwater in Northern Italy Syngenta; Oxon Italia S.p.a., Pero, Italy. Syngenta - Jealott's Hill, Bracknell, United Kingdom, T000412-09/3 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/42	Baravelli P L	2009	Terbutylazine - Determination of Residues of Terbutylazine Metabolites GS26379, CSCD648241 and GS16984 in Groundwater Samples Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. AgriParadigma S.r.l. Ravenna, Italy, AGRI 039/08 GLP, T000450-08	N	N	-	Oxon/Syngenta

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			GLP, not published				
KCP 9.1.2/43	Adam D.	2013	SYN545666/LM6(Terbuthylazine Metabolite) – Adsorption/Desorption Properties in Three Soils Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 09 013 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/44	Adam D.	2013a	GS16984/LM5(Terbuthylazine Metabolite) – Adsorption/Desorption Properties in Three Soils Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 08 013 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/45	Volkel W.	2013	GS40436/LM4(Terbuthylazine Metabolite) – Adsorption/Desorption Properties in Three Soils Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 07 013 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/46	Volkel W.	2013a	SYN546009/LM3(Terbuthylazine Metabolite) – Adsorption/Desorption Properties in Three Soils Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 06 013 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/47	Volkel W.	2013b	CGA46571/LM2(Terbuthylazine Metabolite) – Adsorption/Desorption Properties in Three Soils Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy	N	N	-	Oxon/Syngenta

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
			Innovative Environmental Services (IES) Ltd., Switzerland. 115 05 013 GLP, not published				
KCP 9.1.2/48	Adam D.	2013b	G35713/LM1(Terbuthylazine Metabolite) – Adsorption/Desorption Properties in Three Soils Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 04 013 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/49	Luciani G. and Belosi	2012	Determination of Residues of CGA46571 (LM2), SYN546009 (LM3), GS40436 (LM4), GS16984 (LM5) and SYN545666 (LM6) in Groundwater samples collected from a Multisite Field Leaching Programme Syngenta – Via Gallarate Nr.139, 20151 Milan, Italy; Oxon Italia, S.p.a, Pero, Italy AgriParadigma S.r.l. Via Faentina, 224 Ravenna-Italy AGRI 026/10 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/50	Zietz E.	2013	Determination of Storage Stability of the Terbuthylazine Metabolites CGA46571 (LM2) and GS40436 (LM4) in Groundwater Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy SGS Institut Fresenius GmbH Im Maisel 14 D-65232 Taunusstein Germany IF-11/01811957 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/51	Zietz E.	2011	Residues method for the determination of Metabolites CGA46571 (LM2), SYN546009 (LM3), GS40436 (LM4), GS16984 (LM5) and SYN545666 (LM6) in water Syngenta - Jealott's Hill, Bracknell, United Kingdom SGS Institut Fresenius GmbH Im Maisel 14 D-65232 Taunusstein Germany GRM015.07A GLP, not published	N	N	-	Oxon/Syngenta

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KCP 9.1.2/51	Zietz E.	2012a	Validation of an Analytical Method (Draft GRM015.07A) for the Determination of CGA46571 (LM2), SYN546009 (LM3), GS40436 (LM4), GS16984 (LM5) and SYN545666 (LM6) in water Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy SGS Institut Fresenius GmbH Im Maisel 14 D-65232 Taunusstein Germany IF-10/01707329 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/52	Zietz E.	2012b	Terbuthylazine – Storage Stability Investigation of the Terbuthylazine Metabolites SYN546009 (LM3), GS16984 (LM5 and SYN545666 (LM6) in Water by RE-Analysis of Selected Groundwater Samples Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy SGS Institut Fresenius GmbH Im Maisel 14 D-65232 Taunusstein Germany IF-09/01345520 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.1.2/53	Lowden, P.; Cooper, I.; Simmonds, M.; Burr, C. M.; Newby, S. E.	1993	[14C]-RPA 201722: Adsorption/desorption to and from four soils and an aquatic sediment - Addendum report Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: M-065963-03-1, Edition Number: M-065963-03-1 Date: 1993-11-25 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/54	Burr C. M.; Newby, S. E.	1993	RPA 201772: Adsorption / desorption to and from four soils and an aquatic sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: R000307, Edition Number: M-158343-01-1 Date: 1993-11-25 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience

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KCP 9.1.2/55	Burr, C. M.	1996	(14C)-RPA202248: Adsorption / desorption to and from four soils and an aquatic sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Report No.: R016762, Edition Number: M-192293-01-1 Date: 1996-07-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/56	Lowden, P.; Cooper, I.; Simmonds, M.; Burr, C. M.	1995	[14C]-RPA 202248: Adsorption/desorption to and from four soils - Addendum report Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom BCS, Report No.: CX/03/070A, Edition Number: M-066355-03-1 Date: 1995-11-20 ...Amended: 2004-04-08 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/57	Burr, C. M.	1995	RPA202248: Adsorption / desorption to and from four soils Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Report No.: R016761, Edition Number: M-192291-01-1 Date: 1995-11-20 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/58	Burr, C. M.	1996	(14C)-RPA202248: Adsorption / desorption to and from four soils and an aquatic sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Report No.: R016762, Edition Number: M-192293-01-1 Date: 1996-07-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience

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KCP 9.1.2/59	Burr, C. M.; Burrs, C. M.	1996	RPA 203328: Adsorption/desorption to and from four soils Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C025651, Edition Number: M-209743-02-1 Date: 1996-01-02 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/60	Burr, C. M.	1996	[14C]-RPA203328: Adsorption / desorption to and from four soils and a sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: R000447, Report includes Trial Nos.: 11487 Edition Number: M-158651-01-1 Date: 1996-07-30 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/61	Lowden, P.; Cooper, I.; Simmonds, M.; Burr, C. M.	1996	[14C]-RPA 202248: Adsorption/desorption to and from four soils and an aquatic sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: 11486, Edition Number: M-066483-01-1 Date: 1996-07-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/62	Burr, C. M.	1996	RPA 203328: Adsorption/desorption to and from four soils Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Report No.: C026341, Edition Number: M-211226-01-1 Date: 1996-01-02 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience

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KCP 9.1.2/63	Hein, H.; Moendel, M.	2012	[cyclopropyl-1-14C] AE 0540092: Adsorption/desorption in five different soils RLP AgroScience GmbH, Neustadt a. d. Weinstraße, Germany Bayer CropScience, Report No.: AS200, Edition Number: M-429399-01-1 Date: 2012-03-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/64	Mills, E. A. M.; Simmonds, M. B.	2004	(14C)-RPA 203328: Adsorption / desorption in five soils Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C040534, Edition Number: M-229091-01-1 EPA MRID No.: 46801704 Date: 2004-04-06 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/65	Hardy, I. A. J.	2001	Isoxaflutole: Leaching risk assessment for isoxaflutole and two metabolites using the European FOCUS groundwater scenarios (AE B197278, AE 0540092, AE B197555) Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: MO-04-004596, Edition Number: M-066960-01-1 Date: 2001-09-14 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.1.2/66	Newby, S. E.; Godward, P. J.; Jones, M. K.	1995	RPA 201772: Aged leaching study in four soils and a sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: R000361, Edition Number: M-158471-01-1 Date: 1995-01-10	N	N	-	Bayer CropScience

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			GLP/GEP: yes, unpublished				
KCP 9.1.2/67	Carley, S.E.	1996	[phenyl-U-14C]ZA 1296 Anaerobic Aquatic Soil Metabolism. Zeneca Agrochemicals Report No: RR96-033B In DAR (1999)		N	-	
KCP 9.1.2/68	Diaz, D.G.	1995	[14C]ZA 1296. Adsorption and Desorption Properties in Soil. Zeneca Agrochemicals Report No: RR95-070B In DAR (1999)		N	-	
KCP 9.1.2/69	Diaz, D.G.	1996a	[14C]MNBA. Adsorption and Desorption Properties in Soil of a ZA 1296 Metabolite. Zeneca Agrochemicals Report No: RR96-008B In DAR (1999)		N	-	
KCP 9.1.2/70	Diaz, D.G.	1996b	[14C]AMBA. Adsorption and Desorption Properties in Soil of a ZA 1296 Metabolite. Zeneca Agrochemicals Report No: RR96-009B In DAR (1999)		N	-	
KCP 9.1.2/71	Marth, J.L.	1997	[14C]AMBA, a Metabolite of ZA 1296: Rate of Degradation in Soil Under Aerobic Laboratory Conditions. Zeneca Agrochemicals Report No:		N	-	

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
			RR97-032 In DAR (1999)				
KCP 9.2/01	Doyle R	1991	Hydrolysis of 14C-Terbuthylazine Novartis Crop Protection AG, Basel, Switzerland IIT Research Institute, Newington, United States, Report No IITRI-VTC-9004 GLP Not Published	N	N	-	Syngenta
KCP 9.2/02	Adam D.	2000b	Hydrolysis of [triazine-U-14C]-labelled GS 26379 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland, Report No 00DA01 GLP Not Published	N	N	-	Syngenta
KCP 9.2/03	Van der Gaauw A.	2002	14C-Triazine Ring labelled GS23158: Hydrolysis at three different pH values Syngenta Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, Report No 815668 GLP Not Published	N	N	-	Syngenta

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 9.2/04	Zetzsch, C., Palm, W.	1993	GS 13529 UV-Absorption spectra of Terbutylazin - estimation of aqueous photolysis maximum rate constant and minimum half-life in sunlight Novartis Crop Protection AG, Basel, Switzerland ITA Fraunhofer-Inst., Hannover, Germany, Report No PC91-3 GLP Not Published	N	N	-	Syngenta
KCP 9.2/05	Mamouni, A.	2002	Aqueous Photolysis of 14C-Triazine Ring Labelled GS 13529 under Laboratory Conditions Syngenta Crop Protection AG, Basel, Switzerland, Report No 820642 GLP Not Published	N	N	-	Syngenta
KCP 9.2/06	Glaenzel	2000b	Aqueous photolysis of 14C-triazine labelled GS 26379 under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland, Report No 99AG06 GLP Not Published	N	N	-	Syngenta

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KCP 9.2/07	Bader,U.	1990	GS 13529, Report on the test for ready biodegradability in the Modified Sturm Test Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 901360 GLP Not Published	N	N	-	Syngenta
KCP 9.2/08	Mamouni, A.	1998	14C-Terbuthylazine: degradation and metabolism in aquatic systems Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, Report No 608207 GLP Not Published	N	N	-	Syngenta
KCP 9.2/09	Reischmann, F.	1995	volatilization of GS 13529 from water (calculation) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 95RF14 GLP Not Published	N	N	-	Syngenta

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KCP 9.2/10	Reischmann, F.	1992	Volatilization of GS 13529 from soil surface under controlled laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 17/92 GLP Not Published	N	N	-	Syngenta
KCP 9.2/11	Sandmeier, P.	1992	GS 13529 Volatility from plant and soil surfaces Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 92PSA06 GLP Not Published	N	N	-	Syngenta

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 9.2/12	Sandmeier, P.	1993	Volatilization of GS 13529 from Plant and Soil after Postemergent Spray Application of 14C-labelled Material on Maize under Indoor Conditions Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 93PSA17 GLP Not Published	N	N	-	Syngenta
KCP 9.2/13	Stamm, E.	1997	Atmospheric oxidation of terbuthylazine GS 13529 by hydroxyl radicals; rate estimation Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 95A97007SM GLP Not Published	N	N	-	Syngenta

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KCP 9.2/14	Reese-Staehler,G.	2000	Monitoring of GS13529 (Terbuthylazine) in Surface Water in the Area of Fields Endangered by Run off. Sites: Adenstedt (Lower Saxony) and Süplingen (Sachsen Anhalt) Novartis Agro GmbH, Frankfurt, Germany Biologische Bundesanstalt für Land- und Forstwirtschaft, Braunschweig, Germany, Report No OC9902 GLP: Yes Published: No	N	N	-	Syngenta
KCP 9.2/15	Schmidt, B., Zietz,E.	2000	Monitoring site-related evaluation of terbuthylazine findings in Groundwater. Novartis Agro GmbH, Frankfurt, Germany Institut Fresenius Taunusstein, Germany. Report No. 100-1522-1738 Not GLP Not published	N	N	-	Syngenta

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KCP 9.2/16	Anon	2002	Groundwater Survey 2002. Part 5: Pesticides and Degradation Products Pages 57-74 Syngenta Crop Protection AG, Basel, Switzerland Not GLP Published	N	N	-	Syngenta
KCP 9.2/17	Kjaer,J.	2003	The Danish Pesticide Leaching Assessment Programme. Monitoring Results May 1999 - June 2002. Third Report Geological Survey of Denmark and Greenland, the Danish Institute of Agricultural Science and the National Environmental Research Institute http://pesticidvarsling.dk/monitor_uk/2002_uk/index.html Not GLP Published	N	N	-	Published reference

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 9.2/18	Kjaer,J.	2003	The Danish Pesticide Leaching Assessment Programme. Monitoring Results May 1999 - June 2002. Third Report Geological Survey of Denmark and Greenland, the Danish Institute of Agricultural Science and the National Environmental Research Institute http://pesticidvarsling.dk/monitor_uk/2002_uk/index.html Not GLP Published	N	N	-	Published reference
KCP 9.2/19	Hennecke D.	2004a	AQUATIC PHOTODEGRADATION AND QUANTUM YIELD OF DESETHYL-TERBUTHYLAZINE Fraunhofer Institut, 57392 Schmallenberg-Grafschaft, Germany Oxon Italia S.P.A, Pero, Italy Report-no. GAB-006/7-05 GLP: yes published: no	N	N	-	Oxon

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KCP 9.2/20	Hennecke D.	2004b	AQUATIC PHOTODEGRADATION AND QUANTUM YIELD OF 2-HYDROXY-TERBUTHYLAZINE Fraunhofer Institut, 57392 Schmallenberg-Grafschaft, Germany Oxon Italia S.P.A, Pero, Italy Report-no. GAB-007/7-05 GLP: yes published: no	N	N	-	Oxon
KCP 9.2/21	Desmares-Koopmans M.J.E	2001	DETERMINATION OF 'READY' BIODEGRADABILITY: CARBON DIOXIDE (CO2) EVOLUTION TEST (MODIFIED STURM TEST) WITH TERBUTHYLAZINE TECHNICAL Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 308115 GLP: yes published: no	N	N	-	Oxon
KCP 9.2/22	Mamouni A.	1995	[14C]-TERBUTHYLAZINE DEGRADATION AND METABOLISM IN WATER/SEDIMENT SYSTEMS RCC AG., Itingen, Switzerland Oxon Italia S.P.A, Pero, Italy Report-no. 385593 GLP: yes published: no	N	N	-	Oxon

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KCP 9.2/23	Burgener	1995	INVESTIGATION OF THE VOLATILIZATION OF [14C]- TERBUTHYLAZINE FROM SOIL AND DWARF RUNNER BEAN RCC, Itingen, Switzerland Oxon Italia S.P.A, Pero, Italy Report-no. 385604 GLP: yes published: no	N	N	-	Oxon
KCP 9.2/24	Hardy I	2012	Terbuthylazine-Overview of FOCUS Kinetic Modelling of Laboratory and Field Soil Studies and selection of Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd, Fyfield Buisness and Research Park, Ongar Essex, UK NC/11/058D Not published	N	N	-	Oxon/Syngenta
KCP 9.2/25	Hardy I	2012a	Terbuthylazine-Overview of FOCUS Kinetic Modelling of Laboratory and Field Soil Studies and selection of Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd, Fyfield Buisness and Research Park, Ongar Essex, UK NC/11/058D Not published	N	N	-	Oxon/Syngenta
KCP 9.2/26	Hardy I	2012b	Terbuthylazine- Kinetic Modelling Analysis of Data from Aerobic Soil Degradation Studies in order to derive DT50 values and Formation Fractions for use as Modelling Endpoints Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd, Fyfield Buisness and Research Park, Ongar Essex, UK NC/11/058C Not published	N	N	-	Oxon/Syngenta
KCP	Hardy I	2012c	Terbuthylazine- Kinetic Modelling Analysis of Data from Field Dissipation Studies	N	N	-	Oxon/Syngenta

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
9.2/27			in order to derive Normalisation DT50 values and Formation Fractions for use as Modelling Endpoints (Q10 2.58) Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. Battelle UK Ltd, Fyfield Buisness and Research Park, Ongar Essex, UK NC/11/058A Not published				
KCP 9.2/28	Zietz E	2009	Terbuthylazine - Storage Stability Investigation of the Terbuthylazine Metabolites CSCD648241, CSAA404791 and CSCD692760 in Water by Re Analysis of Selected Groundwater Samples Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. SGS Institut Fresenius GmbH, Geneva, Switzerland, IF-09/01345520, T000403-09 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/29	Phaff R.	2000	Degradation and metabolism of 14C-triazine ring-labelled GS 14260 in two aerobic aquatic systems under laboratory conditions Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, 97RP07 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/30	Adam D.	2010	SYN545666/LM6(Terbuthylazine Metabolite) - Rate of Degradation under aerobic laboratory conditions in three soils at 20°C Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 10 023 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/31	Adam D.	2010a	GS16984/LM5(Terbuthylazine Metabolite) - Rate of Degradation under aerobic laboratory conditions in three soils at 20°C Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 09 023	N	N	-	Oxon/Syngenta

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			GLP, not published				
KCP 9.2/32	Rosenwald J.	2010	SYN546009/LM3(Terbuthylazine Metabolite) - Rate of Degradation under aerobic laboratory conditions in three soils at 20°C Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 07 023 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/33	Volkel W.	2011	CS40436/LM4(Terbuthylazine Metabolite) - Rate of Degradation under aerobic laboratory conditions in three soils at 20°C Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 08 023 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/34	Rosenwald J.	2010a	CGA46571/LM2(Terbuthylazine Metabolite) - Rate of Degradation under aerobic laboratory conditions in three soils at 20°C Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 06 023 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/35	Rosenwald J.	2011	G35713/LM1(Terbuthylazine Metabolite) - Rate of Degradation under aerobic laboratory conditions in three soils at 20°C Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia, S.p.a, Pero, Italy Innovative Environmental Services (IES) Ltd., Switzerland. 115 05 023 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/36	Schmidt B.	2003	Description of selected groundwater monitoring wells and the local hydrogeological situation in Schleswig-Holstein, Germany Syngenta Agro GmbH, Maintal, Germany Institut Fresenius, Taunusstein, Germany, 1688503	N	N	-	Oxon/Syngenta

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			Not GLP, not published				
KCP 9.2/37	Schmidt B.	2003a	Description of selected groundwater monitoring wells and the local hydrogeological situation in Mecklenburg-West Pomerania, Germany Syngenta Agro GmbH, Maintal, Germany Institut Fresenius, Taunusstein, Germany, 1688504 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/38	Schmidt B. Klaas P.	2004	Description of Groundwater Monitoring Wells and the Local Hydrogeological Conditions in the Southern Upper Rhine Valley (Ortenau und Breisgau), Germany [translated version] Syngenta Crop Protection AG, Basel, Switzerland Institut Fresenius, Taunusstein, Germany, 1488606 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/39	Schmidt B.	2005	Description of Groundwater Monitoring Wells and the Local Hydrogeological Conditions in the Rottal, Germany [translated version] Syngenta Crop Protection AG, Basel, Switzerland Institut Fresenius, Taunusstein, Germany, 1488602 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/40	Schmidt B., Klaas P.	2005	Description of Groundwater Monitoring Wells and the Local Hydrogeological Conditions in the Hessian Ried, Germany [translated version] Syngenta Crop Protection AG, Basel, Switzerland Institut Fresenius, Taunusstein, Germany, 1488604 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/41	Schneider M., Klaas P.	2005a	Description of selected groundwater monitoring wells and the local hydrogeological situation in the region Muensterland/ Emsland, Germany Syngenta Crop Protection AG, Basel, Switzerland Institut Fresenius, Taunusstein, Germany, 1488607 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP	Ressler H	2009a	Terbuthylazine: Results of farmer interviews on the use of terbuthylazine	N	N	-	Oxon/Syngenta

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
9.2/42			(GS13529) in the vicinity of groundwater monitoring wells in Germany in 2004 - 2006 including characterisation of the monitoring regions Syngenta Agro GmbH, Maintal, Germany , HR 02 2009 Not GLP, not published				
KCP 9.2/43	Glaenzel A.	2005	Determination of Terbutylazine (GS 13529), GS 26379, GS 28260 and GS 23158 in Water Samples from Ground Water Monitoring in Schleswig-Holstein and Bavaria in Germany Syngenta Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, 856134 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/44	Schmidt B	2009	Terbutylazine: Analysis of terbutylazine (GS13529) and its metabolites CSCD648241 (LM6), GS16984 (LM5), GS26379, GS23158 and GS28620 in groundwater samples from wells with documented uses of terbutylazine on upstream fields in Germany Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. SGS Institut Fresenius GmbH, Geneva, Switzerland , IF-08/01230035 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/45	Zietz E	2009a	Terbutylazine: Analysis of CSCD692760 (LM3) in groundwater samples from wells with documented uses of terbutylazine on upstream fields in Germany Syngenta - Jealott's Hill, Bracknell, United Kingdom; Oxon Italia S.p.a., Pero, Italy. SGS Institut Fresenius GmbH, Geneva, Switzerland, IF-09/01393295, T0001794-09 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/46	Maroni M, Bersani M	1997	Weed Control in Maize Areas of the Po Plain Impact Assessment for Triazines in the Groundwater Table Novartis SpA Italy Syngenta - Jealott's Hill, Bracknell, United Kingdom International Centre for Pesticide Safety, Busto Garolfo, Milano, Italy	N	N	-	Oxon/Syngenta

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
			GLP, not published				
KCP 9.2/47	Auteri	2007	Assessment of the Contamination of Groundwater Table by Terbutylazine, Hydroxyterbutylazine and Desethylterbutylazine in the Po Plain Novartis SpA Italy Syngenta - Jealott's Hill, Bracknell, United Kingdom International Centre for Pesticide Safety, Busto Garolfo, Milano, Italy. T019446-04 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/48	Seville A	2009	Water Monitoring Study in the Ribatejo, Beira Litoral, Oeste and Douro Regions of Portugal, 1999-2007 Syngenta - Jealott's Hill International, Bracknell, Berkshire, United Kingdom T004961-02-REG Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/49	Various	2000	Groundwater Monitoring Portugal, Hydrogeological Assessment Report: Ribatejo Syngenta Crop Protection AG, Basel, Switzerland Universidade de Lisboa, Lisboa, Portugal, Ribatejo, Portugal Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/50	Various	2000a	Groundwater Monitoring Portugal, Hydrogeological Assessment Report: Oeste and Douro, Portugal Syngenta Crop Protection AG, Basel, Switzerland Universidade de Lisboa, Lisboa, Portugal, Oeste and Douro Portugal Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/51	Various	2000b	Groundwater Monitoring Portugal, Hydrogeological Assessment Report: Biera Litoral, Portugal Syngenta Crop Protection AG, Basel, Switzerland Hidrogeo, Consultores de Hidrogeologia e Ambiente Lda., Lisboa, Portugal, Biera Litoral Portugal Not GLP, not published	N	N	-	Oxon/Syngenta

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KCP 9.2/52	Various	2003	Annex 1, Monitoring Network, Hydrogeological Assessment Report: Biera Litoral, Portugal Syngenta Crop Protection AG, Basel, Switzerland Hidrogeo, Consultores de Hidrogeologia e Ambiente Lda., Lisboa, Portugal, Annex 1 Biera Litoral Portugal Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/53	Seville A	2009a	Terbuthylazine (GS13529) - Retrospective Groundwater Monitoring in Southern Spain 2000 to 2003 Syngenta - Jealott's Hill, Bracknell, United Kingdom , T004964-02-REG, T004964-02 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/54	Pulido A	2000	Groundwater Monitoring South Spain ? Hydrological Assessment Syngenta - Jealott's Hill, Bracknell, United Kingdom Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/55	Cornejo J	2002	Ground and Surface Water Monitoring in Major Olive Regions in Andalucia Syngenta - Jealott's Hill, Bracknell, United Kingdom Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/56	Cornejo J	2004	Ground and Surface Water Monitoring in Major Olive Regions in Andalucia Syngenta - Jealott's Hill, Bracknell, United Kingdom Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/57	Seville A	2009b	Terbuthylazine (GS13529) - Retrospective Groundwater Monitoring in South Eastern Regions of Spain 2000 to 2001 Syngenta - Jealott's Hill, Bracknell, United Kingdom , T005761-04-REG, T005761-04 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/58	Ruiz A, de Barreda Diego G	2001	Monitoring Surface Water and Groundwater in Eastern Spain Sampling and Analytical Results Syngenta - Jealott's Hill, Bracknell, United Kingdom	N	N	-	Oxon/Syngenta

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			Diego Gomez de Barreda Castillo; (2001); I.V.I.A-L.A., Moncada, Valencia, Spain Not GLP, not published				
KCP 9.2/59	Robinson N, Wallace D	2009	Terbutylazine (GS13529) - Retrospective Groundwater Monitoring in Northern Spain, 2000 to 2004 Syngenta - Jealott's Hill, Bracknell, United Kingdom , T004962-02-REG, T004962-02 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/60	Candela L	2000	Regional Hydrological and Hydrogeological Studies Aimed at Monitoring Pesticide Residues Final Report 2000 Syngenta - Jealott's Hill, Bracknell, United Kingdom Department of Geotechnical and Geoscience, Technical University of Catalonia-UPC, Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/61	Candela L	2000a	Regional Hydrological and Hydrogeological Studies Aimed at Monitoring Pesticide Residues Appendices Syngenta - Jealott's Hill, Bracknell, United Kingdom Department of Geotechnical and Geoscience, Technical University of Catalonia-UPC, Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/62	Candela L	2003	Regional Hydrological and Hydrogeological Studies Aimed at Monitoring Pesticide Residues Addendum 2003 Syngenta - Jealott's Hill, Bracknell, United Kingdom Department of Geotechnical and Geoscience, Technical University of Catalonia-UPC, Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/63	Barcelo D, Lacorte S	2001	Water Monitoring Study in Northern Spain Syngenta - Jealott's Hill, Bracknell, United Kingdom Department of Environmental Chemistry, IIQAB-CSIC, Jordi Girona 18-26, 08034 Barcelona, Spain,	N	N	-	Oxon/Syngenta

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			Not GLP, not published				
KCP 9.2/64	Schmidt B	2009a	Terbuthylazine - Retrospective Groundwater Monitoring in the Fricktal Region (Switzerland) Syngenta - Jealott's Hill, Bracknell, United Kingdom SGS Institut Fresenius GmbH, Geneva, Switzerland, T008940-08-REG2, T008940-08 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/65	Schmidt B	2009b	Terbuthylazine - Retrospective Groundwater Monitoring in the Region Stein-Sisseln-Kaisten (Switzerland) Final Study Report Syngenta - Jealott's Hill, Bracknell, United Kingdom SGS Institut Fresenius GmbH, Geneva, Switzerland, T008940-08-REG1, T008940-08 Not GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/66	Schmidt B	2006	Clarification of Monitoring Point related Findings of Terbuthylazine in the Groundwater in Germany. Syngenta - Jealott's Hill, Bracknell, United Kingdom SGS Institut Fresenius GmbH, Taunusstein, Germany. Final Study Report No. IF-06/00639090. GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/67	Schmidt B	2009c	Clarification of Monitoring Point related Findings of Terbuthylazine / Desethyl terbuthylazine in the Groundwater in Germany 2005-2008. Syngenta Agro GmbH, Maintal, Germany SGS Institut Fresenius GmbH, Taunusstein, Germany. Final Study Report No. IF-08/01287363. Syngenta Ltd, Bracknell, UK GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/68	Zietz E.	2007	Monitoring of GS 13529 (terbuthylazine) in surface water adjacent to fields susceptible to run-off Syngenta Agro GmbH, Maintal, Germany SGS Institut Fresenius GmbH, Taunusstein, Germany. Final Study Report No. IF-	N	N	-	Oxon/Syngenta

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
			99/07972-00 GLP, not published				
KCP 9.2/69	Bischoff G	2006	MONITORING OF GS 13529 (TERBUTHYLAZINE) IN SURFACE WATER ADJACENT TO FIELDS PRONE TO RUNOFF Sites Adenstedt (Lower Saxony) and Suplingen (Saxony-Anhalt) Syngenta Agro GmbH, Maintal, Germany Federal Biological Research Centre for Agriculture and Forestry, Berlin, Germany, OC9902 GLP, not published	N	N	-	Oxon/Syngenta
KCP 9.2/70	Corgier, M. M.; Robin, J. M.; Plewa, A. P.	1994	Hydrolysis 14C-RPA201772 Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R002384, Report includes Trial Nos.: 93-180 Edition Number: M-162558-01-1 Date: 1994-05-02 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.2/71	Corgier, M. M.; Plewa, A. P.	1995	Photodegradation in water 14C-RPA201772 (isoxaflutole) Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: R002507, Report includes Trial Nos.: 94-11 Edition Number: M-162794-01-1 Date: 1995-01-13 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.2/72	Roohi, A.; Caine, J.	2002	Photolysis in distilled water RPA202248 Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Report No.: C027919, Report includes Trial Nos.:	N	N	-	Bayer CropScience

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
			36662 CX/02/066 Edition Number: M-214288-01-1 Date: 2002-12-11 GLP/GEP: yes, unpublished				
KCP 9.2/73	Desmares-Koopmans, M. J. E.	1996	Determination of ready biodegradability: Carbon dioxide (CO2) evolution test (modified Sturm test) with isoxaflutole Notox B.V., 's-Hertogenbosch, Netherlands Bayer CropScience, Report No.: C026345, Edition Number: M-211235-01-1 Date: 1996-01-23 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.2/74	Desmares-Koopmans, M. J. E.	1996	Determination of 'ready' biodegradability carbon dioxide (CO2) - Evolution test (modified Sturm test) with RPA201772 Notox B.V., 's-Hertogenbosch, Netherlands Bayer CropScience, Report No.: R002745, Report includes Trial Nos.: 58077 96-22 Edition Number: M-163261-01-1 Date: 1996-01-23 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.2/75	Walther, D.	2013	[14C] Isoxaflutole: Aerobic mineralization in surface water Harlan Laboratories Ltd., Itingen, Switzerland Bayer CropScience, Report No.: D62847, Edition Number: M-459354-02-1 Date: 2013-06-26	N	N	-	Bayer CropScience

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			...Amended: 2013-07-02 GLP/GEP: yes, unpublished				
KCP 9.2/76	Ayliffe, J. M.; Newby, S. E.	1995	RPA 201772: Degradation and retention in two water / sediment systems Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: R000377, Edition Number: M-158508-01-1 Date: 1995-05-04 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.2/77	Hardy, I. A. J.	2013	Isoxaflutole: Kinetic modelling evaluation of water sediment degradation study data to derive total system DT50 values Battelle UK Ltd., Ongar, United Kingdom Bayer CropScience, Report No.: VC/13/008A, Edition Number: M-464901-01-1 Date: 2013-07-17 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.2/78	Hardy, I. A. J.	2013	Isoxaflutole: Kinetic modelling evaluation of water sediment degradation study data to derive water phase DT50 values Battelle UK Ltd., Ongar, United Kingdom Bayer CropScience, Report No.: VC/13/008B, Edition Number: M-464903-01-1 Date: 2013-07-17 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.2/79	Ayliffe, J. M.; Newby, S. E.	1995	RPA 201772: Degradation and retention in two water / sediment systems Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: R000377,	N	N	-	Bayer CropScience

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
			Edition Number: M-158508-01-1 Date: 1995-05-04 GLP/GEP: yes, unpublished				
KCP 9.2/80	Lowden, P.; Cooper, I.; Simmonds, M.; Burr, C. M.	1996	[14C]-RPA 202248: Adsorption/desorption to and from four soils and an aquatic sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: 11486, Edition Number: M-066483-01-1 Date: 1996-07-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.2/81	Burr, C. M.	1996	[14C]-RPA203328: Adsorption / desorption to and from four soils and a sediment Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: R000447, Report includes Trial Nos.: 11487 Edition Number: M-158651-01-1 Date: 1996-07-30 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.2/82	Oliver R., Edwards P.	2005	Mesotrione (ZA1296): [U-14C]-Phenyl Labelled Sterile Natural Water Photolysis Syngenta Crop Protection AG, Basel, Switzerland Syngenta - Jealott's Hill International, Bracknell, Berkshire, United Kingdom, RJ3634B 04JH012 GLP, not published	N	N	-	Syngenta
KCP	Graham	2013	Mesotrione - Aerobic Mineralisation	N	N	-	Syngenta

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9.2/83	R., Yeomans P.		of 14C-Phenyl Labelled ZA1296 in Surface Water Syngenta Smithers Viscient (ESG) Ltd, Harrogate, UK, 8252099 GLP, not published				
KCP 9.2/84	Graham R., Gilbert J.	2013a	Mesotrione - Aerobic and Anaerobic Aquatic Sediment Metabolism of [Phenyl-14C]-Mesotrione Syngenta Smithers Viscient (ESG) Ltd, Harrogate, UK, Covance Laboratories Limited, Harrogate, UK, 8236956 GLP, not published	N	N	-	Syngenta
KCP 9.2/85	Hardy I.	2013a	Mesotrione - Kinetic Modelling Analysis of Data from Water Sediment Studies to Derive Modelling and Persistence Endpoint DT50 Values Syngenta Battelle UK Ltd., Ongar, United Kingdom, NC/11/059A Not GLP, not published	N	N	-	Syngenta
KCP 9.3/01	Maestracci, M. P.	1996	Isoxaflutole - Estimation of the rate of photochemical transformation in the atmosphere under tropospheric conditions Rhone-Poulenc Agro, Lyon, France Bayer CropScience, Report No.: C022447, Report includes Trial Nos.: 95-116	N	N	-	Bayer CropScience

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			Edition Number: M-213115-01-1 Date: 1996-01-08 GLP/GEP: yes, unpublished				
KCP 9.3/02	Kubiak, R.	1997	Investigation of the volatilization of 14C-isoxaflutole formulated corresponding to EXP31130A from plant and soil surfaces under laboratory conditions SLFA Neustadt, Neustadt, Germany Bayer CropScience, Report No.: R014793, Report includes Trial Nos.: 97-18 97-19 Edition Number: M-189768-01-1 Date: 1997-02-26 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 9.3/03	Buntain, I. G.	2003	Isoxaflutole: Estimation of degradation by photo-oxidation in air Model calculation according to Atkinson Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C038406, Report includes Trial Nos.: CX/03/081 Edition Number: M-224922-01-1 Date: 2003-12-03 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 9.3/04	Buntain, I. G.	2003	RPA202248: Estimation of degradation by photo-oxidation in air Model calculation according to Atkinson Battelle AgriFood Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C038405, Report includes Trial Nos.: CX/03/080 Edition Number: M-224920-01-1	N	N	-	Bayer CropScience

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			Date: 2003-12-03 GLP/GEP: no, unpublished				
KCP 10.1.1/01	xxx	1994	Acute oral toxicity study with GS 13529 technical in Japanese quail Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Report No 104412 GLP Not Published	Y	N	-	Syngenta
KCP 10.1.1/02	xxx	1983	Acute oral LD50 in Mallard duck Novartis Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No 108-213 GLP Not Published	Y	N	-	Syngenta
KCP 10.1.1/03	xxx	1994b	5-day Dietary Toxicity Study in Japanese Quail with GS 13529 Technical Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Report No 104434 GLP Not Published	Y	N	-	Syngenta

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 10.1.1/04	xxx	1983a	8-day dietary LC50 with Bobwhite quail Novartis Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No 108-211 Not GLP Not Published	Y	N	-	Syngenta
KCP 10.1.1/05	xxx	1983b	8-day Dietary LC50 with Mallard Duck Novartis Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No 108-212 Not GLP Not Published	Y	N	-	Syngenta
KCP 10.1.1/06	xxx	1995	Reproduction study with GS 13529 technical in the Japanese quail (by dietary admixture) Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Report No 104445 GLP Not Published	Y	N	-	Syngenta
KCP 10.1.1/07	-	1994	RPA201772 technical - 14-day acute oral LD50 study in bobwhite quail Report No.: R004940, Edition Number: M-166860-01-1 Date: 1994-03-15 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience

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 10.1.1/08	-	1994	RPA201772 technical: 14-day acute oral LD50 study in mallard ducks Report No.: R004941, Edition Number: M-166863-01-1 Date: 1994-03-15 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.1.1/09	-	1994	RPA201772 technical - acute dietary LC50 study in bobwhite quail Report No.: R004938, Edition Number: M-166855-01-1 Date: 1994-05-25 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.1.1/11	-	1994	RPA201772 technical - 8-day acute dietary LC50 study in mallard ducklings Report No.: R004939, Edition Number: M-166858-01-1 Date: 1994-05-25 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.1.1/12	-	1995	Subacute dietary toxicity (LC50) to the bobwhite quail RPA 202248 Report No.: C022448, Report includes Trial Nos.: RNP479 Edition Number: M-213116-01-1 Date: 1995-12-08 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.1.1/13	-	1998	RPA 203328: A Dietary LC50 Study with the Northern Bobwhite Report No.: B004404, Edition Number: M-241327-01-1	Y	N	-	Bayer CropScience

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
			EPA MRID No.: 44693501 Date: 1998-10-15 GLP/GEP: yes, unpublished				
KCP 10.1.1/14	-	1999	The Reproductive Toxicity Test of RPA-202248 with the Northern Bobwhite (Colinus virginianus): RPA 202248 Report No.: B002788, Report includes Trial Nos.: 029809 14518 Edition Number: M-238510-01-1 Date: 1999-12-15 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.1.1/15	-	1995a	Acute oral toxicity of mesotrione to Colinus virginianus GLP, not published Original DAR (1999)	Y	N	-	Syngenta
KCP 10.1.1/16	-	1997a	Reproductive toxicity of mesotrione to Colinus virginianus GLP, not published Original DAR (1999)		N	-	
KCP 10.1.1/17	Taylor S., Taylor J.	2013	ZA1296 - Statistical Re-analysis: Effects on reproduction in Bobwhite Quail (Colinus virginianus) Syngenta Cambridge Environmental Assessments, United Kingdom, CEA.1056 Not GLP, not published	N	N	-	Syngenta
KCP 10.1.1/18	-	1997b	Reproductive toxicity of mesotrione to Anas platyrhynchos GLP, not published	Y	N	-	Syngenta

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			Original DAR (1999)				
KCP 10.1.1/19	Taylor S., Taylor J.	2013a	ZA1296 - Statistical Re-analysis: Effects on reproduction in mallard duck (<i>Anas platyrhynchos</i>) Syngenta Cambridge Environmental Assessments, United Kingdom, CEA.1054 Not GLP, not published	N	N	-	Syngenta
KCP 10.2/01	xxx	2002	GS13529 (Terbutylamine technical): Acute toxicity to rainbow trout (<i>Oncorhynchus mykiss</i>) Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No BL7395/B GLP Not Published	Y	N	-	Syngenta
KCP 10.2/02	xxx.	2002	GS13529 (Terbutylazine technical): Acute toxicity to mirror carp (<i>Cyprinus carpio</i>) Syngenta Crop Protection AG, Basel, Switzerland [REDACTED] [REDACTED] Report No BL7396/B GLP Not Published	Y	N	-	Syngenta

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 10.2/03	xxx	1990	GS 13529, Terbutylazin technical, 21-day prolonged toxicity study in the Rainbow trout under flow-through conditions Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Report No 227248 GLP Not Published	Y	N	-	Syngenta
KCP 10.2/04	xxx	1990	Accumulation and elimination of 14C-terbutylazine by Bluegill sunfish in a dynamic flow-through system Novartis Crop Protection AG, Basel, Switzerland [REDACTED] Report No 217451 GLP Not Published	Y	N	-	Syngenta
KCP 10.2/05	An, der Kolk J.	1996	GS 13529, static acute toxicity test with daphnids (Daphnia magna) Novartis Crop Protection AG, Basel, Switzerland Springborn Smithers Laboratories (Europe) AG, Horn, Switzerland, Report No 96-075-1008 GLP Not Published	N	N	-	Syngenta

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 10.2/06	Shillabeer, N, Maynard, S.J, Woodyer, JM	2002	GS13529 (Terbuthylazine technical): Chronic toxicity to Daphnia magna Syngenta Crop Protection AG, Basel, Switzerland Brixham Environmental Laboratory, Brixham, United Kingdom, Report No BL7397/B GLP Not Published	N	N	-	Syngenta
KCP 10.2/07	Grade, R.	1993a	Report on the growth inhibition test of GS 13529 tech. to Green algae (Scenedesmus subspicatus) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 928431 GLP Not Published	N	N	-	Syngenta
KCP 10.2/08	Grade, R.	1993b	Growth inhibition test of GS 13529 tech. to Blue algae (Microcystis aeruginosa) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 928432 GLP Not Published	N	N	-	Syngenta

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KCP 10.2/09	Grade, R.	1993c	Report on the growth inhibition test of GS 13529 tech. to Diatoms (Navicula pelliculosa) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Basel, Oekotoxikologie, Basel, Switzerland, Report No 928433 GLP Not Published	N	N	-	Syngenta
KCP 10.2/10	Palmer, S. Kendall, T, Kreuger, H	2001	A 96-Hour Growth Inhibition Test of GS-26379 (Metabolite of GS-13529) to the Green Alga, Selenastrum capricornutum Syngenta Crop Protection AG, Basel, Switzerland Wildlife International Ltd., Easton, MD, United States, Report No 528A-109 GLP Not Published	N	N	-	Syngenta
KCP 10.2/11	Grade, R.	2000b	Growth inhibition of GS 23158 (metabolite of GS 13529) to green algae (Selenastrum capricornutum) under static conditions Novartis Crop Protection AG, Basel, Switzerland, Report No 2001571 GLP Not Published	N	N	-	Syngenta

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KCP 10.2/12	Vial, A.	1991g	Report on the growth inhibition test of GS 28620 to Green algae (Scenedesmus subspicatus) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 918160 GLP Not Published	N	N	-	Syngenta
KCP 10.2/13	Vial, A.	1991h	Report on the growth inhibition test of G 28273 to Green algae (Scenedesmus subspicatus) Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 918140 GLP Not Published	N	N	-	Syngenta

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 10.2/14	Grade,R.	1997	Growth inhibition test of GS 14260 tech. to green algae (<i>Selenastrum capricornutum</i>) under static conditions Novartis Crop Protection AG, Basel, Switzerland Novartis Crop Protection AG, Basel, Switzerland, Report No 961714 GLP Not Published	N	N	-	Syngenta
KCP 10.2/15	Memmert, U.	1998	Effects of ¹⁴ C-labelled GS 13529 (Terbutylazine tech.) on the development of sediment-dwelling larvae of <i>Chironomus riparius</i> in a water-sediment system Novartis Crop Protection AG, Basel, Switzerland RCC Ltd., Itingen, Switzerland, Report No 690524 GLP Not Published	N	N	-	Syngenta
KCP 10.2/16	Grade, R.	2000c	Toxicity test of GS 23158 (Metabolite of GS 13529) on sediment-dwelling <i>Chironomus riparius</i> (syn. <i>Chironomus thummi</i>) under static conditions Novartis Crop Protection AG, Basel, Switzerland, Report No 2001572 GLP Not Published	N	N	-	Syngenta

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 10.2/17	Hoberg, J.	1993	GS 13529 - Toxicity to Duckweed, Lemna gibba Novartis Crop Protection AG, Basel, Switzerland Springborn Laboratories Inc., Wareham, United States, Report No 93-9-4947 GLP Not Published	N	N	-	Syngenta
KCP 10.2/18	Douglas M.T., Handley J.W., Macdonald I.A.	1988c	THE ACUTE TOXICITY OF TERBUTHYLAZINE TO DAPHNIA MAGNA Huntingdon Research Centre Ltd., Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 10(a)/88505 GLP: yes published: no	N	N	-	Oxon
KCP 10.2/19	Wuntrich V.	1995b	INFLUENCE OF THE SOIL LEACHATES OF THE LYSIMETER STUDY WITH 14C-TERBUTHYLAZINE ON DAPHNIA MAGNA RCC AG., Itingen, Switzerland Oxon Italia S.P.A, Pero, Italy Report-no. 399778 GLP: yes published: no	N	N	-	Oxon

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KCP 10.2/20	Bell G.	1995	TERBUTHYLAZINE: PROLONGED TOXICITY TO DAPHNIA MAGNA Huntingdon Research Centre Ltd., Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 18(a)/942069 GLP: yes published: no	N	N	-	Oxon
KCP 10.2/21	Kelly C.	1996	TERBUTHYLAZINE TECHNICAL ALGAL GROWTH INHIBITION Huntingdon Life Sciences Limited, Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 180/962297 GLP: yes published: no	N	N	-	Oxon
KCP 10.2/22	Wuthrich V.	1995c	INFLUENCE OF THE SOIL LEACHATES OF THE LYSIMETER STUDY WITH 14C-TERABUTHYLAZINE ON THE GROWTH OF SCENEDESMUS SUBSPICATUS RCC AG., Itingen, Switzerland Oxon Italia S.P.A, Pero, Italy Report-no. 399791 GLP: yes published: no	N	N	-	Oxon

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 10.2/23	Dengler D.	2004a	TESTING OF TOXIC EFFECTS OF DESETHYL-TERBUTHYLAZINE ON THE SINGLE CELL GREEN ALGA DESMODESMUS SUBSPICATUS (FORMERLY SCENEDESMUS SUBSPICATUS) GAB Biotechnologie GmbH, Niefern- Öschelbron, Germany Oxon Italia S.P.A, Pero, Italy Report-no. 20041034/01-AADs GLP: yes published: no	N	N	-	Oxon
KCP 10.2/24	Dengler D.	2004b	TESTING OF TOXIC EFFECTS OF 2- HYDOXY-TERBUTHYLAZINE ON THE SINGLE CELL GREEN ALGA DESMODESMUS SUBSPICATUS (FORMERLY SCENEDESMUS SUBSPICATUS) GAB Biotechnologie GmbH, Niefern- Öschelbron, Germany Oxon Italia S.P.A, Pero, Italy Report-no. 20041035/01-AADs GLP: yes published: no	N	N	-	Oxon

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 10.2/25	Migchielsen M.H.J	2002a	120-HOUR FRESH WATER CYANOBACTERIA GROWTH INHIBITION TEST WITH TERBUTHYLAZINE TECHNICAL Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 314055 GLP: yes published: no	N	N	-	Oxon
KCP 10.2/26	Migchielsen M.H.J	2002b	FRESH WATER ALGAL GROWTH INHIBITION TEST WITH TERBUTHYLAZINE TECHNICAL Notox B.V, 's-Hertogenbosch, The Netherlands Oxon Italia S.P.A, Pero, Italy Report-no. 346444 GLP: yes published: no	N	N	-	Oxon
KCP 10.2/27	Dengler D.	2001	ASSESSMENT OF TOXIC EFFECTS OF TERBUTHYLAZINE TECHNICAL ON THE DUCKWEED LEMNA GIBBA IN A SEMI STATIC TEST AND A RECOVERY PERIOD GAB Biotechnologie GmbH, Niefern- Öschelbron Oxon Italia S.P.A, Pero, Italy Report-no. 20001420/01-ARLg GLP: yes published: no	N	N	-	Oxon

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 10.2/28	-	1993a	Acute toxicity to bluegill sunfish (<i>Lepomis macrochirus</i>) under flow-through conditions RPA210772 Report No.: R004943, Report includes Trial Nos.: 10566.0493.6283.105 Edition Number: M-166868-01-1 EPA MRID No.: 435732-35 Date: 1993-11-15 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.2/29	-	1993b	RPA201772 - Acute toxicity to rainbow trout (<i>Oncorhynchus mykiss</i>) under flowthrough conditions Report No.: R004946, Report includes Trial Nos.: 10566.0493.6284.108 Edition Number: M-166876-01-1 EPA MRID No.: 435732-36 Date: 1993-12-08 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.2/30	-	1995a	RPA202248 - Acute toxicity (96 hours) to rainbow trout (<i>Oncorhynchus mykiss</i>) under semi-static conditions Report No.: R005355, Edition Number: M-170804-01-1 EPA MRID No.: 439048-22 Date: 1995-11-03 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.2/31	-	1995	RPA203328 - Acute toxicity to rainbow trout (<i>Oncorhynchus mykiss</i>) under flowthrough	Y	N	-	Bayer CropScience

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
			conditions Report No.: R005254, Report includes Trial Nos.: 10566.0194.6328.108 Edition Number: M-170722-01-1 EPA MRID No.: 43904825 Date: 1995-06-22 GLP/GEP: yes, unpublished				
KCP 10.2/32	-	1995	RPA 205834 - Acute toxicity (96 hours) to rainbow trout (<i>Oncorhynchus mykiss</i>) under semi-static conditions Report No.: C022449, Edition Number: M-213119-01-1 Date: 1995-11-10 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.2/33	-	1994	RPA201772 technical - Acute toxicity to sheepshead minnow (<i>Cyprinodon variegatus</i>) under flow-through conditions Report No.: R002592, Report includes Trial Nos.: 10566.0194.6320.505 Edition Number: M-162973-01-1 Date: 1994-07-01 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.2/34	-	2000	RPA 202248 - Acute Toxicity to the Sheepshead Minnow (<i>Cyprinodon variegatus</i>) under Static Conditions Report No.: B002804, Report includes Trial Nos.: 10566.6574	Y	N	-	Bayer CropScience

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
			GOod #18308 Edition Number: M-238523-01-1 Date: 2000-02-22 GLP/GEP: yes, unpublished				
KCP 10.2/35	-	1995	Isoxaflutole: Fish, juvenile growth test - 28 days Report No.: C022450, Edition Number: M-213121-01-1 Date: 1995-11-23 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.2/36	-	2013	Early-life stage toxicity of isoxaflutole (tech.) to fish (Pimephales promelas) under flow-through conditions Report No.: EBISX074, Edition Number: M-469327-01-1 Date: 2013-11-13 GLP/GEP: yes, unpublished	Y	N	-	Bayer CropScience
KCP 10.2/37	Putt, A. E.	1993	RPA201772 - Acute toxicity to daphnids (Daphnia magna) under flow-through conditions Springborn Laboratories, Inc., Environmental Sciences Division, USA Bayer CropScience, Report No.: R004944, Report includes Trial Nos.: 10566.0493.6285.115 Edition Number: M-166871-01-1 Date: 1993-10-06 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience

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 10.2/38	McElligott, A.; McCahon, P.	1995	RPA202248 - Acute toxicity (48 hours) to daphnids (Daphnia magna) under semistatic conditions Rhone-Poulenc Agro, Sophia Antipolis, France Bayer CropScience, Report No.: SA95142, Edition Number: M-170841-03-1 Date: 1995-12-19 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/39	Putt, A. E.	1994	RPA203328 - Acute toxicity to daphnids (Daphnia magna) under flow-through conditions Springborn Laboratories, Inc. (SLS), Environmental Sciences Division, Wareham, MA, USA Bayer CropScience, Report No.: R005204, Report includes Trial Nos.: 10566.0194.6329.115 Edition Number: M-170649-01-1 EPA MRID No.: 43573241 Date: 1994-09-16 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/40	Suteau, P.	1995	RPA205834 - Acute toxicity (48 hours) to daphnids (Daphnia magna) under semistatic conditions Rhone-Poulenc Agro, Sophia Antipolis, France Bayer CropScience,	N	N	-	Bayer CropScience

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
			Report No.: R005379, Edition Number: M-170847-01-1 Date: 1995-12-13 GLP/GEP: yes, unpublished				
KCP 10.2/41	McCahon, P.; Suteau, P.	1995	RPA205834: Acute toxicity (48 hours) to daphnids (<i>Daphnia magna</i>) under semistatic conditions Rhone-Poulenc Agro, Sophia Antipolis, France Report No.: R005380, Edition Number: M-170850-01-1 GLP/GEP: no, unpublished	N	N	-	Bayer CropScience
KCP 10.2/42	Silke, G.	2013	Acute toxicity of isoxaflutole (tech.) to larvae of <i>Chironomus riparius</i> in a 48 h static laboratory test system - LIMIT - test Bayer CropScience, Report No.: EBISN014, Edition Number: M-468785-01-1 Date: 2013-11-05 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/43	Bettencourt, M.J.	1994	RPA201772 technical - Acute toxicity to mysid shrimp (<i>Mysidopsis bahia</i>) under flow through conditions Springborn Laboratories, Inc., Wareham, MA, USA Bayer CropScience, Report No.: R002591, Report includes Trial Nos.: 10566.0194.6319.515 10566.1094.6319.515	N	N	-	Bayer CropScience

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
			Edition Number: M-227961-02-1 Date: 1994-07-22 GLP/GEP: yes, unpublished				
KCP 10.2/44	Collins, M. K.	1995	RPA202248 - Acute toxicity to mysids (Mysidopsis bahia) under static renewal conditions Springborn Laboratories, Inc. (SLS), Environmental Sciences Division, Wareham, MA, USA Bayer CropScience, Report No.: R005386, Report includes Trial Nos.: 10566.0895.6369.510 Edition Number: M-170861-01-1 EPA MRID No.: 439048-24 Date: 1995-12-22 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/45	Sousa, J. V.	1998	RPA 203328 - Acute toxicity to mysids (Mysidopsis bahia) under static acute conditions Springborn Laboratories, Inc., Wareham, MA, USA Report No.: C026471, Report includes Trial Nos.: 10566.0797.6436.510 Edition Number: M-211469-01-1 EPA MRID No.: 44718801 Date: 1998-12-10 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP	McElligott, A.	1995	Isoxaflutole - Daphnia magna life cycle	N	N	-	Bayer

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
10.2/46			(21 day flow-through) chronic toxicity study Rhone-Poulenc Agro, Sophia Antipolis, France Bayer CropScience, Report No.: C022451, Edition Number: M-213123-01-1 Date: 1995-11-30 GLP/GEP: yes, unpublished				CropScience
KCP 10.2/47	Putt, A. E.	1998	IFT Technical RPA201772 - The chronic toxicity to Daphnia magna under static renewal conditions Springborn Laboratories, Inc. (SLS), Wareham, MA, USA Bayer CropScience, Report No.: 98-10-7505, Report includes Trial Nos.: 10566,0898.6516.130 Edition Number: M-210464-01-2 EPA MRID No.: 48660702 Date: 1998-11-10 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/48	Sousa, J. V.	1995	Isoxaflutole - Chronic toxicity to mysids (Mysidopsis bahia) under flow-through conditions Springborn Laboratories, Inc., Environmental Sciences Division, USA Bayer CropScience, Report No.: R004949, Report includes Trial Nos.:	N	N	-	Bayer CropScience

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
			10566.1294.6352.530 Edition Number: M-166884-01-1 EPA MRID No.: 439048-21 Date: 1995-12-01 GLP/GEP: yes, unpublished				
KCP 10.2/49	Odin-Feurtet, M.	1997	Isoxaflutole - Toxicity to the sediment dwelling chironomid larvae (Chironomus riparius) - 28 days Rhone-Poulenc Agro, Sophia Antipolis, France Bayer CropScience, Report No.: C026473, Edition Number: M-211474-01-1 Date: 1997-12-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/50	Odin-Feurtet, M.	1997	Isoxaflutole - Toxicity to the sediment dwelling chironomid larvae (Chironomus riparius) - 28 days Rhone-Poulenc Agro, Sophia Antipolis, France Bayer CropScience, Report No.: C026473, Edition Number: M-211474-01-1 Date: 1997-12-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/51	Hoberg, J. R.	1993	RPA201772 - Toxicity to the the freshwater green alga, Selenastrum capricornutum Springborn Laboratories, Inc. (SLS), Environmental Sciences Division, Wareham, MA, USA Bayer CropScience,	N	N	-	Bayer CropScience

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
			Report No.: R004955, Report includes Trial Nos.: 10566.0493.6286.430 Edition Number: M-166898-01-1 Date: 1993-09-10 GLP/GEP: yes, unpublished				
KCP 10.2/52	Sewell, J. G.; Bartlett, A. J.	1995	RPA 202248: Algal inhibition test Safepharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: C022452, Edition Number: M-213125-01-1 Date: 1995-10-23 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/53	Hoberg, J. R.	1995	5-day toxicity to the freshwater green alga, Selenastrum capricornutum RPA203328 Springborn Laboratories, Inc. (SLS), Environmental Sciences Division, Wareham, MA, USA BCS, Report No.: R005374, Report includes Trial Nos.: 10566.0595.6367.430 Edition Number: M-170835-01-1 EPA MRID No.: 43904826 Date: 1995-11-22 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/54	Sewell, I. G.; Bartlett, A. J.	1995	RPA 205834: Algal inhibition test Safepharm Lab. Ltd., Derby, United Kingdom	N	N	-	Bayer CropScience

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
			Bayer CropScience, Report No.: C022453, Edition Number: M-213127-01-1 Date: 1995-10-23 GLP/GEP: yes, unpublished				
KCP 10.2/55	Hoberg, J. R.	1997	RPA202248 technical - Toxicity to the freshwater green alga, (<i>Selenastrum capricornutum</i>) Springborn Laboratories, Inc. (SLS), Environmental Sciences Division, Wareham, MA, USA BCS, Report No.: R004952, Report includes Trial Nos.: 10566.0797.6435.430 Edition Number: M-166891-01-1 EPA MRID No.: 44399908 Date: 1997-09-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/56	Khul, K.	2015	Pseudokirchneriella subcapitata growth inhibition test with isoxaflutole (tech.) Bayer CropScience AG, BCS-D-EnSa- Testing, 40789 Monheim Germany Report No.: E 201 4803-8 Edition Number M-533501-01-1 Date: 2015-09-16 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/57	Hoberg, J. R.	1999	Isoxaflutole (IFT) - Toxicity to the duckweed, <i>Lemna gibba</i> - Code: AE B197278 Springborn Laboratories, Inc., Wareham, MA, USA	N	N	-	Bayer CropScience

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
			Bayer CropScience, Report No.: C024183, Report includes Trial Nos.: 10566.1198.6532.410 Edition Number: M-216432-01-1 Date: 1999-03-19 GLP/GEP: yes, unpublished				
KCP 10.2/58	Hoberg, J. R.	1997	RPA 202248 technical - Toxicity to duckweed, Lemna gibba Springborn Laboratories, Inc., Wareham, MA, USA Bayer CropScience, Report No.: R004951, Report includes Trial Nos.: 10566.0797.6434.410 Edition Number: M-166889-01-1 EPA MRID No.: 44399909 Date: 1997-09-16 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/59	Bruns, E.; Solga, A.	2013	Isoxaflutole technical: Recalculation of 9- days endpoints for Lemna gibba (Original Study Report No. 94-6-5319) Bayer CropScience, Report No.: M-449195-01-1, Edition Number: M-449195-01-1 GLP/GEP: n.a., unpublished	N	N	-	Bayer CropScience
KCP 10.2/60	Banman, C.S., Moore, S.	2013	Toxicity of isoxaflutole technical to the aquatic macrophyte, Myriophyllum spicatum SynTech Research Laboratory, Stilwell,	N	N	-	Bayer CropScience

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			Kansas, USA Bayer CropScience, Report No.: EBISX046, Edition Number: M-452561-01-1 Date: 2013-04-22 GLP/GEP: yes, unpublished				
KCP 10.2/61	Hoberg, J. R.	1997	RPA203328 technical - Toxicity to the duckweed, Lemna gibba Springborn Laboratories, Inc., Wareham, MA, USA Bayer CropScience, Report No.: R004953, Report includes Trial Nos.: 10566.0797.6441.410 Edition Number: M-166893-01-1 EPA MRID No.: 44399910 Date: 1997-09-17 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/62	Hoberg, J. R.	2004	RPA 205834 - Toxicity To Duckweed, Lemna gibba Springborn Smithers Laboratories Bayer CropScience, Report No.: B004561, Report includes Trial Nos.: 13798.6107 Edition Number: M-241470-01-1 Date: 2004-01-08 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.2/63		1994a	Acute toxicity of mesotrione to Oncorhynchus mykiss GLP, not published	Y	N	-	Syngenta

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
			Original DAR (1999)				
KCP 10.2/64		1994b	Acute toxicity of mesotrione to <i>Lepomis macrochirus</i> GLP, not published Original DAR (1999)	Y	N	-	Syngenta
KCP 10.2/65		1997a	Acute toxicity of MNBA (97.1% purity) to <i>Oncorhynchus Mykiss</i> GLP, not published Original DAR (1999)	Y	N	-	Syngenta
KCP 10.2/66		1998a	Acute toxicity of AMBA (99% purity) to <i>Oncorhynchus mykiss</i> GLP, not published Original DAR (1999)	Y	N	-	Syngenta
KCP 10.2/67		1997	Chronic toxicity of mesotrione to <i>Pimephales promelas</i> GLP, not published Original DAR (1999)	Y	N	-	Syngenta
KCP 10.2/68	Taylor S., Taylor J.	2013b	ZA1296 - Statistical Re-analysis: Chronic toxicity to fathead minnow (<i>Pimephales promelas</i>) embryos and larvae Syngenta Cambridge Environmental Assessments, United Kingdom, CEA.1043 Not GLP, not published	N	N	-	Syngenta
KCP 10.2/69	Gentle & Hamer	1995	Acute toxicity of mesotrione to <i>Daphnia magna</i> GLP, not published	N	N	-	Syngenta

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			Original DAR (1999)				
KCP 10.2/70	Kent & Shillaber	1997	Acute toxicity of MNBA (97.1% purity) to Daphnia magna GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/71	Magor & Gore	1998b	Acute toxicity of AMBA (99% purity) to Daphnia magna GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/72	Morris et al.	1996	Chronic toxicity of mesotrione to Daphnia magna GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/73	Liedtke A.	2013	ZA1296 - Statistical Re-analysis: Chronic Toxicity to Daphnia magna Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, D79284 Not GLP, not published	N	N	-	Syngenta
KCP 10.2/74	Shillabeer, kent & Smith	1997	Chronic toxicity of mesotrione to Pseudokirchneriella subcapitata GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/75	Dark R.	2013	ZA1296 - Statistical Re-analysis: Toxicity to the Green Alga Selenastrum capricornutum Syngenta tecsolve, North Ascot, United Kingdom, ZA1296/0214/1	N	N	-	Syngenta

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
			Not GLP, not published				
KCP 10.2/76	Smyth et al.	1997c	Chronic toxicity of MNBA (97.1% purity) to <i>Pseudokirchneriella subcapitata</i> GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/77	Dark R.	2013a	MNBA - Statistical Re-analysis: Toxicity to the Green Alga <i>Selenastrum capricornutum</i> Syngenta tecsolve, North Ascot, United Kingdom, ZA1296/0533/1 Not GLP, not published	N	N	-	Syngenta
KCP 10.2/78	Smith, Magor & Shillabeer	1998c	Chronic toxicity of AMBA (99% purity) to <i>Pseudokirchneriella subcapitata</i> GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/79	Dark R.	2013b	AMBA - Statistical Re-analysis: Toxicity to the Green Alga <i>Selenastrum capricornutum</i> Syngenta tecsolve, North Ascot, United Kingdom, AMBA/0220/1 Not GLP, not published	N	N	-	Syngenta
KCP 10.2/80	Smyth et al.	1997b	Chronic toxicity of mesotrione to <i>Navicula pelliculosa</i> GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/81	Dark R.	2012	ZA1296 - Statistical Re-analysis: Toxicity to the Freshwater Diatom <i>Navicula pelliculosa</i> Syngenta	N	N	-	Syngenta

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			tecsolve, North Ascot, United Kingdom, ZA1296/0184/1 Not GLP, not published				
KCP 10.2/82	Smyth et al.	1997d	Chronic toxicity of mesotrione to Lemna gibba GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.2/83	Liedtke A.	2013a	ZA1296 - Statistical Re-analysis: Toxicity to Lemna gibba Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, D83053 Not GLP, not published	N	N	-	Syngenta
KCP 10.2/84	Liedtke A.	2013b	R44276 - Toxicity to the Aquatic Higher Plant Lemna gibba in a 7-Day Growth Inhibition Test Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, D55614 GLP, not published	N	N	-	Syngenta
KCP 10.2/85	Liedtke A.	2013c	R169649 - Toxicity to the Aquatic Higher Plant Lemna gibba in a 7-Day Growth Inhibition Test Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, D55592 GLP, not published	N	N	-	Syngenta
KCP 10.2/86	Liedtke A.	2013d	SYN546974 - Toxicity to the aquatic higher plant Lemna gibba in a 7-day growth inhibition test Syngenta Harlan Laboratories Ltd., Itingen, Switzerland, D77394 GLP, not published	N	N	-	Syngenta

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KCP 10.3.1/01	Petto,R., Klepka, S.	1994	Laboratory testing for toxicity (acute contact and oral LD50) of GS 13529 to honey bees (Apis mellifera L.) (Hymenoptera, Apidae) Novartis Crop Protection AG, Basel, Switzerland RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany, Report No 416902 GLP Not Published	N	N	-	Syngenta
KCP 10.3.1/02	Bell G.	1994b	TERBUTHYLAZINE: ACUTE TOXICITY TO HONEY BEES (APIS MELLIFERA) Huntingdon Life Sciences Limited, Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 25/931946 GLP: yes published: no	N	N	-	Oxon
KCP 10.3.1/03	Bell G.	1994b	TERBUTHYLAZINE: ACUTE TOXICITY TO HONEY BEES (APIS MELLIFERA) Huntingdon Life Sciences Limited, Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 25/931946 GLP: yes published: no	N	N	-	Oxon
KCP 10.3.1/04	Petto, R.	1994	Laboratory testing for toxicity (acute contact and oral LD50) of RPA201772 to honey bees (Apis mellifera L.) (Hymenoptera, Apidae)	N	N	-	Bayer CropScience

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			RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany Bayer CropScience, Report No.: M-170652-02-1, Edition Number: M-170652-02-1 Date: 1994-09-26 ...Amended: 1996-02-14 GLP/GEP: yes, unpublished				
KCP 10.3.1/05	Schmitzer, S.	2012	Effects of isoxaflutole tech. (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 72931035, Edition Number: M-441348-01-1 Date: 2012-11-08 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.3.1/06	Petto, R.	1994	Laboratory testing for toxicity (acute contact and oral LD50) of RPA201772 to honey bees (<i>Apis mellifera</i> L.) (Hymenoptera, Apidae) RCC Umweltchemie GmbH & Co. KG, Rossdorf, Germany Bayer CropScience, Report No.: M-170652-02-1, Edition Number: M-170652-02-1 Date: 1994-09-26 ...Amended: 1996-02-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP	Schmitzer, S.	2012	Effects of isoxaflutole tech. (acute contact	N	N	-	Bayer

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10.3.1/07			and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 72931035, Edition Number: M-441348-01-1 Date: 2012-11-08 GLP/GEP: yes, unpublished				CropScience
KCP 10.3.1/08	Jackson, D. & Gough, H.J.	1995	ZA 1296: Acute Contact and Oral Toxicity to the Honey Bees (<i>Apis mellifera</i>) of Technical Material GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.4/01	Rufli, H.	1989	GS 13529, Earthworm, acute toxicity test Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 891347 GLP Not Published	N	N	-	Syngenta
KCP 10.4/02	Van, Erp Y.	2000a	Acute toxicity study in the earthworm with GS13529 (terbuthylazine) Novartis Crop Protection AG, Basel, Switzerland NOTOX B.V., 'S Hertogenbosch, Netherlands, Report No 281677 GLP Not Published	N	N	-	Syngenta

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KCP 10.4/03	Knops, M.	2000	Acute toxicity of GS 26379 to the earthworm <i>Eisenia fetida</i> Novartis Crop Protection AG, Basel, Switzerland BioChem GmbH, Cunnersdorf, Germany, Report No 001048066 GLP Not Published	N	N	-	Syngenta
KCP 10.4/04	Van, Erp Y.	2000b	Acute toxicity study in the earthworm with GS 26379 (deethylterbuthylazine) Novartis Crop Protection AG, Basel, Switzerland NOTOX B.V., 'S Hertogenbosch, Netherlands, Report No 281699 GLP Not Published	N	N	-	Syngenta
KCP 10.4/05	Van, Erp Y.	2000c	Acute toxicity study in the earthworm with GS 23158 (hydroxy-terbuthylazine) Novartis Crop Protection AG, Basel, Switzerland NOTOX B.V., 'S Hertogenbosch, Netherlands, Report No 281688 GLP Not Published	N	N	-	Syngenta

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KCP 10.4/06	Van, Erp Y.	2000d	Acute toxicity study in the earthworm with GS 28620 (deethylhydroxyterbuthylazine) Novartis Crop Protection AG, Basel, Switzerland NOTOX B.V., 'S Hertogenbosch, Netherlands, Report No 281701 GLP Not Published	N	N	-	Syngenta
KCP 10.4/07	Gossmann, A.	1998	Effects of GS 13529 / CGA 77102 SC 500 (A-9476 B) on reproduction and growth of earthworms Eisenia fetida (Savigny 1826) in artificial soil Novartis Crop Protection AG, Basel, Switzerland IBACON GmbH, Rossdorf, Germany, Report No 3450022 GLP Not Published	N	N	-	Syngenta
KCP 10.4/08	Kleiner, R.	2000	Sublethal toxicity (on reproduction and growth) of GS13529 SC 500 (A5435E) to the earthworm Eisenia fetida Novartis Crop Protection AG, Basel, Switzerland BioChem GmbH, Cunnersdorf, Germany, Report No 991048021 GLP Not Published	N	N	-	Syngenta

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KCP 10.4/09	Klein, O.	2006	S-metolachlor (A9396A), terbuthylazine (A5435E) and S-metolachlor + terbuthylazine (A9476C): A field study to evaluate effects on the earthworm fauna in maize in southern Germany. GAB Biotechnologie GmbH & GAB Analytik GmbH, Niefern-Öschelbronn, Germany. Report No. 20051078/G1-NFEw. GLP: Yes Published: No	N	N	-	Syngenta
KCP 10.4/10	Pease G., Foster A., Milanesi F.	2006	S-metolachlor (A9396C), terbuthylazine (A5435E) and s-metolachlor + terbuthylazine (A9476C): A field study to evaluate effects on the earthworm fauna of a maize field in Denmark. Ecotox Limited, Devon, UK. Report No. ER-06-KCB 215. Non GLP report from GLP study. Published: No	N	N	-	Syngenta
KCP 10.4/11	Meister, A	2002	Effects of GS 13529/CGA77102 SC 500 (A9476 B) on Reproduction of the Collembola Folsomia candida in Artificial Soil Syngenta Crop Protection AG, Basel, Switzerland IBACON GmbH, Rossdorf, Germany, Report No 11661016 GLP Not Published	N	N	-	Syngenta

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KCP 10.4/12	Stabler D.	2003	ACUTE TOXICITY OF TERBUTHYLAZINE-DESETHYL ON EARTHWORMS, EISENIA FETIDA USING AN ARTIFICIAL SOIL TEST ArGe GAB Biotech/IFU, D-75223 Niefern-Öschelbronn Oxon Italia S.P.A, Pero, Italy Report-no. 20021389/01-NLEf GLP: yes published: no	N	N	-	Oxon
KCP 10.4/13	Stabler D.	2002	ACUTE TOXICITY OF 2-HYDROXY-TERBUTHYLAZINE ON EARTHWORMS, EISENIA FETIDA USING AN ARTIFICIAL SOIL TEST ArGe GAB Biotech/IFU, D-75223 Niefern-Öschelbronn Oxon Italia S.P.A, Pero, Italy Report-no. 20011377/01-NLEf GLP: yes published: no	N	N	-	Oxon

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KCP 10.4/14	Luhrs U.	1999	EFFECTS OF CLICK (TERBUTHYLAZINE 500 G/L SC) ON REPRODUCTION AND GROWTH OF EARTHWORMS EISENIA FETIDA (SAVIGNY 1826) IN ARTIFICIAL SOIL IBACON, Rossdorf, Germany Oxon Italia S.P.A, Pero, Italy Report-no. 4580022 GLP: yes published: no	N	N	-	Oxon
KCP 10.4/15	Handley, J. W.; Wetton, P. M.	1993	The acute toxicity of RPA201772 to earthworms (Eisenia foetida) SafePharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: R002139, Edition Number: M-162062-01-1 Date: 1993-07-21 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/16	Odin-Feurtet, M.	1997	RPA 203328 - Acute toxicity (14-day) to earthworms (Eisenia foetida) - Artificial soil method Rhône-Poulenc Agro, Sophia Antipolis, France Bayer CropScience, Report No.: C026475, Edition Number: M-211477-01-1 Date: 1997-10-28 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience

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KCP 10.4/17	Kratz, M. A.	2013	Isoxaflutole (AE B197278) technical: Effects on survival, growth and reproduction on the earthworm <i>Eisenia fetida</i> tested in artificial soil Bayer CropScience, Report No.: kra-Rg-R-129/12, Edition Number: M-450435-01-1 Date: 2013-03-25 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/18	Kratz, M. A.	2012	Isoxaflutole-RPA202248: Effects on survival, growth and reproduction on the earthworm <i>Eisenia fetida</i> tested in artificial soil Bayer CropScience, Report No.: KRA-RG-R-132/12, Edition Number: M-442776-01-1 Date: 2012-11-29 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/19	Moser, T.; Scheffczyk, A.	2004	Isoxaflutole-RPA203328 (AE B197555): Reproduction toxicity to earthworm <i>Eisenia fetida</i> in artificial soil ECT Oekotoxikologie GmbH, Floersheim, Germany Bayer CropScience, Report No.: C041342, Edition Number: M-230530-01-1 Date: 2004-04-26 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/20	Frommholz, U.	2011	Isoxaflutole a.s.: Influence on the reproduction of the collembolan species	N	N	-	Bayer CropScience

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			Folsomia candida tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-124/11, Edition Number: M-416012-01-1 Date: 2011-10-14 GLP/GEP: yes, unpublished				
KCP 10.4/21	Kratz, M.A.	2011	Isoxaflutole a. s.: Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil Bayer CropScience, Report No.: KRA-HR-46/11, Edition Number: M-416751-01-1 Date: 2011-11-08 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/22	Frommholz, U.	2011	Isoxaflutole-RPA202248 (AE 0540092): Influence on the reproduction of the collembolan species Folsomia candida tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-134/11, Edition Number: M-420112-01-1 Date: 2011-12-16 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/23	Kratz, M.A.	2011	Isoxaflutole-RPA202248 (AE 0540092): Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil Bayer CropScience, Report No.: KRA-HR-63/11, Edition Number: M-417912-01-1	N	N	-	Bayer CropScience

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			Date: 2011-11-25 GLP/GEP: yes, unpublished				
KCP 10.4/24	Frommholz, U.	2011	Isoxaflutole-RPA203328 (AE B197555): Influence on the reproduction of the collembolan species Folsomia candida tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-135/11, Edition Number: M-420062-01-1 Date: 2011-12-15 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/25	Kratz, M.A.	2011	Isoxaflutole-RPA203328 (AE B197555): Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil Bayer CropScience, Report No.: KRA-HR-64/11, Edition Number: M-419849-01-1 Date: 2011-12-14 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.4/26	Bembridge, J.D. & Jackson, D.	1996	ZA 1296: Toxicity of Technical Material to the Earthworm Eisenia fetida in an Artificial Soil Test GLP, not published Original DAR (1999)	N	N	-	Syngenta
KCP 10.4/27	Friedrich S.	2011	Mesotrione SC (A12739A) - Sublethal toxicity to the earthworm Eisenia fetida in artificial soil Syngenta - Jealott's Hill, Bracknell, United Kingdom BioChem Agrar, Gerichshain, Germany, 11 10 48 003 S	N	N	-	Syngenta

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			GLP, not published				
KCP 10.4/28	Friedrich S.	2013	R44276 - Sublethal Toxicity to the Earthworm <i>Eisenia fetida</i> in Artificial Soil with 5 % Peat Syngenta BioChem Agrar, Gerichshain, Germany, 13 10 48 111 S GLP, not published	N	N	-	Syngenta
KCP 10.4/29	Friedrich S.	2013a	R169649 - Sublethal Toxicity to the Earthworm <i>Eisenia fetida</i> in Artificial Soil with 5 % Peat Syngenta BioChem Agrar, Gerichshain, Germany, 13 10 48 086 S GLP, not published	N	N	-	Syngenta
KCP 10.4/30	Friedrich S.	2013b	Mesotrione SC (A12739A) - Effects on the Reproduction of the Collembolan <i>Folsomia candida</i> Syngenta BioChem Agrar, Gerichshain, Germany, 13 10 48 009 S GLP, not published	N	N	-	Syngenta
KCP 10.4/31	Schulz L.	2013	Mesotrione SC (A12739A) - Effects on the Reproduction of the Predatory Mite <i>Hypoaspis aculeife</i> Syngenta BioChem Agrar, Gerichshain, Germany, 13 10 48 010 S GLP, not published	N	N	-	Syngenta

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 10.5/01	Lemnitzer, B.	2001	Effects of terbuthylazine tech. (GS 13529 U) on the activity of soil microflora Syngenta Crop Protection AG, Basel, Switzerland BioChem agrar, Gerichshain, Germany, Report No 0110351004 GLP Not Published	N	N	-	Syngenta
KCP 10.5/02	Suter, P.	1987	Influence of the herbicide Terbuthylazine (GS 13529) on soil microorganisms Novartis Crop Protection AG, Basel, Switzerland Ciba-Geigy Ltd., Basel, Switzerland, Report No 22-87 GLP Not Published	N	N	-	Syngenta
KCP 10.5/03	Van, der Kolk J.	2001	GS23158, GS26379 and GS28620 (metabolites of GS13529 Terbuthylazine): Determination of effects on soil microflora activity Syngenta Crop Protection AG, Basel, Switzerland Springborn Smithers Laboratories (Europe) AG, Horn, Switzerland, Report No 1047.110.747 GLP Not Published	N	N	-	Syngenta

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 10.5/04	Carter J.N.	1996	TERBUTHYLAZINE TECHNICAL AI EFFECTS ON SOIL NON-TARGET MICRO-ORGANISMS Huntingdon Life Sciences Limited, Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 165/952682 GLP: yes published: no	N	N	-	Oxon
KCP 10.5/05	Kolzer U.	2003	ASSESSMENT OF THE SIDE EFFECTS OF DESETHYL TERBUTHYLAZINE ON THE ACTIVITY OF THE SOIL MICROFLORA ArGe GAB Biotech/IFU, D-75223 Niefern-Öschelbronn Oxon Italia S.P.A, Pero, Italy Report-no. 20021389/01-ABMF GLP: yes published: no	N	N	-	Oxon
KCP 10.5/06	Kolzer U.	2002	ASSESSMENT OF THE SIDE EFFECTS OF 2-HYDROXY-TERBUTHYLAZINE ON THE ACTIVITY OF THE SOIL MICROFLORA ArGe GAB Biotech/IFU, D-75223 Niefern-Öschelbronn Oxon Italia S.P.A, Pero, Italy Report-no. 20011377/01-ABMF GLP: yes published: no	N	N	-	Oxon

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KCP 10.5/07	Carter J.N.	1996	TERBUTHYLAZINE TECHNICAL AI EFFECTS ON SOIL NON-TARGET MICRO-ORGANISMS Huntingdon Life Sciences Limited, Cambridgeshire, UK Oxon Italia S.P.A, Pero, Italy Report-no. OXN 165/952682 GLP: yes published: no	N	N	-	Oxon
KCP 10.5/08	Kolzer U.	2003	ASSESSMENT OF THE SIDE EFFECTS OF DESETHYL TERBUTHYLAZINE ON THE ACTIVITY OF THE SOIL MICROFLORA ArGe GAB Biotech/IFU, D-75223 Niefern-Öschelbronn Oxon Italia S.P.A, Pero, Italy Report-no. 20021389/01-ABMF GLP: yes published: no	N	N	-	Oxon
KCP 10.5/09	Kolzer U.	2002	ASSESSMENT OF THE SIDE EFFECTS OF 2-HYDROXY-TERBUTHYLAZINE ON THE ACTIVITY OF THE SOIL MICROFLORA ArGe GAB Biotech/IFU, D-75223 Niefern-Öschelbronn Oxon Italia S.P.A, Pero, Italy Report-no. 20011377/01-ABMF GLP: yes published: no	N	N	-	Oxon
KCP 10.5/10	Forster, J.	1994	A laboratory assessment of the effects of RPA 201772 on soil microflora respiration and nitrogen turnover according to BBA	N	N	-	Bayer CropScience

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			guidelines VI 1-1 (1990) Euro Laboratories Ltd., Bedfordshire, United Kingdom Bayer CropScience, Report No.: C022454, Edition Number: M-213129-01-1 Date: 1994-12-02 GLP/GEP: yes, unpublished				
KCP 10.5/11	McMurray, A.	1997	A laboratory assessment of the effects of RPA 203328 on soil microflora respiration and nitrogen transformations according to EPPO Bulletin 24, 1-16 (1994) Chemex International plc, United Kingdom Bayer CropScience, Report No.: C038791, Edition Number: M-225762-01-1 Date: 1997-12-18 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.5/12	Schulz, L.	2013	Isoxaflutole-RPA202248 (BCS-AB59005): Effects on the activity of soil microflora (nitrogen transformation test) BioChem Agrar GmbH, Gerichshain, Germany Bayer CropScience, Report No.: 13 10 48 084 N, Edition Number: M-469915-01-1 Date: 2013-11-19 GLP/GEP: yes, unpublished	N	N	-	Bayer CropScience
KCP 10.5/13	Schulz L.	2013a	Mesotrione SC (A12739A) - Effects on the Activity of Soil Microflora (Nitrogen and Carbon Transformation Tests)	N	N	-	Syngenta

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
			Syngenta BioChem Agrar, Gerichshain, Germany, 13 10 48 006 C/N GLP, not published				
KCP 10.5/14	Schulz L.	2013b	R169649 and R44276 - Effects on the Activity of Soil Microflora (Nitrogen and Carbon Transformation Tests) Syngenta BioChem Agrar, Gerichshain, Germany, 12 10 48 045 C/N GLP, not published	N	N	-	Syngenta

The following tables are to be completed by MS

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

List of data relied on and not submitted by the applicant but necessary for evaluation

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