

REGISTRATION REPORT

Part A

Risk Management

Product code: 102000028562

Product name(s): deltamethrin + flupyradifurone EC 85
(10+75 g/L)

Central Zone

Zonal Rapporteur Member State: Poland

NATIONAL ASSESSMENT: Poland
(Authorization)

Applicant: Bayer Crop Science Division

Submission date: 01/09/2019 (intended)

MS Finalisation date: 06/2021 (initial National Assessment)
03/2022 (final National Assessment)
05/2022 (update final National
Assessment)

Version history

When	What
09/2019	Original Bayer Crop Science Division submission
October 2021	Initial zRMS assessment In order to facilitate tracking of changes of the intended uses of the product due to the performed evaluation, amendments of the GAP table and the product label are highlighted in grey, while not agreed use pattern is struck through and shaded .
March 2022	Final report (National Assessment updated following the commenting period) Additional information/assessments included by the zRMS in the report in response to comments recieved from the cMS and the Applicant are highlighted in yellow. Information no longer relevant is struck through and shaded .
May 2022	Correction by zRMS: 1) an additional commenting box following directly the GAP table, p. 14, 2) amendments in the national label, listed and described in the commenting box preceding the label (pt no. 5, starting p. 33, in Polish). Amendments 1 and 2 are highlighted in yellow.

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PART A

RISK MANAGEMENT

1 Details of the application

This application is submitted for the authorization of the product Deltamethrin + Flupyradifurone EC 85 (10+75 g/L), an EC formulation containing 10 g of the active substance deltamethrin and 75 g of the active substance flupyradifurone per liter.

1.1 Application background

This product is submitted in the Central zone. Poland has accepted to act as the Zonal Rapporteur Member State and the cMS are Belgium, The Czech Republic, Hungary, ~~The Netherlands~~, Romania, Slovakia and Slovenia.

The main intended extension of use is the foliar spray of :

- Oilseed rape for the control of pests such as *Ceutorhynchus napi*, *Ceutorhynchus quadridens* (*pallidactylus*), *Ceutorhynchus obstrictus* (*assimilis*), *Brassicogethes* (*Meligethes*) *aeneus* or *Dasineura brassica*,
- White and black mustard for the control of pests such as *Brassicogethes* (*Meligethes*) *aeneus*.

This Part A is intended for Poland.

1.2 Letters of Access

Deltamethrin and flupyradifurone are owned by Bayer and no access to third party data is required. In addition, the applicant has access to any protected studies required for the evaluation of the product or has provided sufficient data to show that access is not required.

1.3 Justification for submission of tests and studies

Deltamethrin + Flupyradifurone EC 85 (10+75 g/L) is a new formulation not yet evaluated in Europe. All the reports submitted are therefore necessary for the evaluation of this new product.

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	Deltamethrin + Flupyradifurone EC 85 (10+75 g/L)
Product name in MS	Sivanto Energy
Authorization number	n.a.
Function	Insecticide
Applicant	Bayer SAS
Active substance(s) (incl. content)	Deltamethrin; 10 g/L Flupyradifurone; 75 g/L
Formulation type	Emulsifiable Concentrate [Code: EC]
Packaging	50 mL, 100 mL, 250 mL, 500 mL, 1 L, 3 L, 5 L, 10 L, 15 L (HDPE) 50 mL, 100 mL, 250 mL, 500 mL, 1 L (Coex HDPE/EVOH) 250 mL, 500 mL, 1 L, 3 L, 5L, 10 L, 15 L (Coex HDPE/PA)
Coformulants of concern for national authorizations	none
Restrictions related to identity	none
Mandatory tank mixtures	none
Recommended tank mixtures	none

2.2 Conclusion

The evaluation of the application for DLT+FPF EC85/Sivanto Energy resulted in the decision to ~~grant~~ **refuse** the authorisation, **provided that respective risk mitigation measures are respected in order to protect aquatic organisms, bees and non-target arthropods. Detailed information on the accepted uses may be found in the GAP table in point 2.6 below.**

~~The intended use patterns supported for Sivanto Energy in oilseed rape and mustard seeds will not be covered by the currently approved MRLs for flupyradifurone and its metabolite DFA. Until the new MRLs for flupyradifurone and its metabolite DFA come into force, authorisation of the GAP (oilseed rape and mustard) will not be possible.~~

In the meantime new MRLs (0.3 mg/kg) for oilseed rape and mustard seed were set for flupyradifurone and DFA in Commission Regulation 2021/1842 of 20 October 2021, applying from 10 November 2021 on.

Available results of residue trials show that the in force MRLs of flupyradifurone and DFA on oilseed rape seed and mustard of 0.3 mg/kg (Reg. (EU) 2021/1842) will not be exceeded. The current EU MRLs for flupyradifurone and DFA are sufficient to support the proposed uses.

Additionally, there is no sufficient data to support application of DLT+FPF EC 85 at flowering oilseed rape (BBCH 60-69). Following the review done by zRMS, the applicant would like to request to restrict the use of the product to applications outside of flowering.

2.3 Substances of concern for national monitoring

No need to initiate monitoring.

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 toxicity: category 4; H302: Harmful if swallowed Acute toxicity : category 4; H332: Harmful if inhaled Skin sensitisation: Category 1; H317: May cause an allergic skin reaction.
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	Serious eye damage: category 1; H318: Causes serious eye damage Acute aquatic toxicity: category 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:	
Signal word:	Danger
Hazard statement(s):	H 302 + H 332: Harmful if swallowed or if inhaled H 317 May cause an allergic skin reaction. H 318: Causes serious eye damage H 410: Very toxic to aquatic life with long lasting effects
Precautionary statement(s):	P280: Wear protective gloves /eye protection/face protection P305 + P351 + P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor/ physician. P310: Immediately call a Poison center/doctor/physician P391 Collect spillage. P501 Dispose of contents/container in accordance with local regulation
Additional labelling phrases:	None

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:	
None	

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

None	
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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:	
respective code if available	national PPE requirements

Worker protection:	
respective code if available	national PPE requirements
Integrated pest management (IPM)/sustainable use:	
respective code if available	None
Environmental protection	
SPe 3	In case of application to winter oilseed rape at 2x0.75 L/ha with 14 days interval, in order to protect aquatic organisms respect an unsprayed vegetated filter strip of 20 m to surface water bodies in combination with 75% drift reduction using appropriate drift reducing techniques.
SPe 3	In case of application to winter oilseed rape at 2x0.50 L/ha with 14 days interval, in order to protect aquatic organisms respect an unsprayed buffer zone of 20 m (including 10 m vegetated filter strip) to surface water bodies in combination with 50% drift reduction using appropriate drift reducing techniques.
SPe 3	In case of application to spring oilseed rape at 2x0.75 L/ha with 14 days interval, in order to protect aquatic organisms respect an unsprayed buffer zone of 20 m (including 10 m vegetated filter strip) to surface water bodies in combination with 75% drift reduction using appropriate drift reducing techniques.
SPe 3	In case of application to spring oilseed rape at 2x0.50 L/ha with 14 days interval, in order to protect aquatic organisms respect an unsprayed buffer zone of 20 m (including 10 m vegetated filter strip) to surface water bodies in combination with 50% drift reduction using appropriate drift reducing techniques.
No code available	<p>In order to protect bees in case of pre-flowering application of the product, the last application must be performed not later than at BBCH 57, but not less than 10 days before beginning of the flowering (BBCH 60). Application date must be thus determined on the basis of the expected number of days to flowering, estimated with consideration of the expected weather conditions, variety, agricultural practices and the BBCH stage on the day when the decision is taken.</p> <p>Do not apply when flowering weeds are present.</p> <p>Regardless of the developmental stage of the treated crop, apply in the evening after the bee flight in order to exclude accidental exposure to the spray drift of bees foraging on flowering weeds outside the field or in adjacent crops.</p>
SPe 3	<p>In case of application in winter and spring oilseed rape at 2x0.75 L/ha with 14 days interval, in order to protect non-target arthropods:</p> <ul style="list-style-type: none"> respect an unsprayed buffer zone of 10 m to non-agricultural land, or respect an unsprayed buffer zone of 5 m to non-agricultural land in combination with 50% drift reduction using appropriate drift reducing techniques, or reduce the spray drift by 90% using appropriate drift reducing techniques.
SPe 3	<p>In case of application in winter and spring oilseed rape at 2x0.50 L/ha with 14 days interval, in order to protect non-target arthropods:</p> <ul style="list-style-type: none"> respect an unsprayed buffer zone of 5 m to non-agricultural land, or reduce the spray drift by 90% using appropriate drift reducing techniques.
Other specific restrictions	

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

Integrated pest management (IPM)/sustainable use:	
respective code if available	According to the label.

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.
respective code if available	None	
Environmental protection:		Relevant for use no.
respective code if available	According to mitigations described in § 3.8.2. and 3.8.4.	use number from GAP table in 2.6

2.6 Intended uses (only NATIONAL GAP)

GAP rev. 2, date: 2022-03

PPP (product name/code): deltamethrin + flupyradifurone EC 85 (10+75 g/L)
Active substance 1: deltamethrin
Active substance 2: flupyradifurone
Safener: none
Synergist: none
Applicant: Bayer Crop Science Division
Zone(s): central ^(d)
Verified by MS: yes
Field of use: insecticide applied as a foliar spray

Formulation type: EC ^(a, b)
Conc. of as 1: 10 g/L ^(c)
Conc. of as 2: 75 g/L ^(c)
Conc. of safener: not applicable ^(c)
Conc. of synergist: not applicable ^(c)
Professional use: ☒
Non professional use: ☐

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
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: developmental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks: e.g. g safener/synergist per ha (f)	Overall conclusions								
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	L product / ha a) max. rate per appl. b) max. total rate per crop/season	g as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min / max			Phys-chem	Analytical methods	Toxicology	Residues	Fate & behaviour	Ecotoxicology ***	Relevance of metabolites	Efficacy	
Zonal uses (field or outdoor uses, certain types of protected crops)																						
11	POL	Rape, winter (BRSNW)	F	CEUTNA, CEUTQU	spraying (foliar)	30-49	a) 2 b) 2	14	a) 0.75 b) 1.5	a) DLT 7.5 + FPF 56.25 b) DLT 15 + FPF 112.5	200-600 250-300 200-600	as per growth stage		A	A	A	A	A	R Aquatic org. bees NTAs	A	A	
																			A Remaining species			
12	POL	Rape, spring (Canola) (BRSNS)	F	CEUTNA, CEUTQU	spraying (foliar)	30-49	a) 2 b) 2	14	a) 0.75 b) 1.5	a) DLT 7.5 + FPF 56.25 b) DLT 15 + FPF 112.5	200-600	as per growth stage		A	A	A	A	A	R Aquatic org. bees NTAs	A	N (possible registratio as minor uses according Art. 51)	
																			A Remaining species			
13	POL	Rape, winter (BRSNW)	F	MELIAE	spraying (foliar)	50-57 50-59	a) 2 b) 2	14	a) 0.75 b) 1.5	a) DLT 7.5 + FPF 56.25 b) DLT 15 +	200-600 250-300 200-600	as per growth stage	Application not later than 10 days before	A	A	A	A	A	R Aquatic org. bees NTAs	A	A	

										FPF 112.5			flowering						A Remaining species		
14	POL	Rape, spring (Canola) (BRSNS)	F	MELIAE	spraying (foliar)	50-57 50-59	a) 2 b) 2	14	a) 0.75 b) 1.5	a) DLT 7.5 + FPF 56.25 b) DLT 15 + FPF 112.5	200-600 250-300 200-600	as per growth stage	Application not later than 10 days before flowering	A	A	A	A	A	R Aquatic org. bees NTAs	A	A
																		A Remaining species			
15	POL	Rape, winter (BRSNW)	F	CEUTAS, DASYBR	spraying (foliar)	71-79 65-79	a) 2 b) 2	14	a) 0.5 b) 1	a) DLT 5 + FPF 37.5 b) DLT 10 + FPF 75	200-600 250-300 200-600	45	Restricting the use of the product to applications outside of flowering (Residue and ecotox).	A	A	A	A	A	R Aquatic org. bees NTAs	A	A
																		A Remaining species			
16	POL	Rape, spring (Canola) (BRSNS)	F	CEUTAS, DASYBR	spraying (foliar)	71-79 65-79	a) 2 b) 2	14	a) 0.5 b) 1	a) DLT 5 + FPF 37.5 b) DLT 10 + FPF 75	200-600	45	Restricting the use of the product to applications outside of flowering (Residue and ecotox).	A	A	A	A	A	R Aquatic org. bees NTAs	A	N (possible registration as minor uses according to Art. 51)
																		A Remaining species			
31	POL	Mustard, winter (SINSS)	F	MELIAE	spraying (foliar)	50-57 50-59	a) 2 b) 2	14	a) 0.75 b) 1.5	a) DLT 7.5 + FPF 56.25 b) DLT 15 + FPF 112.5	200-600	as per growth stage	In area of efate and ecotox, exposure and risk covered by evaluation performed for oilseed rape. Application not later than 10 days before flowering NDE exposure covered by evaluation performed for oilseed rape.	A	A	A	A	A	R Aquatic org. bees NTAs	A	N (possible registration as minor uses according to Art. 51)
																		A Remaining species			
32	POL	Mustard, spring (SINSS)	F	MELIAE	spraying (foliar)	50-57 50-59	a) 2 b) 2	14	a) 0.75 b) 1.5	a) DLT 7.5 + FPF 56.25 b) DLT 15 +	200-600	as per growth stage	In area of efate and ecotox, exposure and	A	A	A	A	A	R Aquatic org. bees NTAs	A	N (possible registration as minor

*** Explanation for column 15 “Overall conclusions”	
A	Acceptable
R	Acceptable with further restriction
N	Not acceptable / evaluation not possible

Remark:

Comments of zRMS – corrigendum to the GAP table:

In the GAP table above the applicant had listed 3 application windows for the use in the oilseed rape, and had included the maximum of 2 applications per each use, *i.e. per* application window, as well as 2 applications *per* season. This notation is inconsistent with the anti-resistance strategy declared by the applicant in the dRR Part B3 (a total of 2 applications *per* growth season) and it should have been corrected in the course of evaluation.

Presenting the applicant's claim properly would require remodelling of the table, first by altering the sequence of the uses to make all winter form uses or spring form uses neighbouring, and then by collating rows in columns 8-10, separately for winter and spring uses, in order to place one common statement for 2 or 3 uses, concerning no. of applications, interval and maximum dose rate *per* season. As it might be inappropriate to interfere so extensively with the GAP's original layout, we decided to make the corrigendum textual, without changing the GAP notation.

The GAP table must be interpreted as follows:

- 1) A single application of Sivanto Energy should be authorized in each separate application window / for each group of target pests, in the oilseed rape. At the same time, the maximum of two applications of Sivanto Energy *per* growth season must be authorized overall.
- 2) The interval between the applications carried out within the neighbouring application windows is claimed as ≥ 14 days. At the same time, the anti-resistance strategy assumed by the applicant, and explained in the respective chapter in the Part B3, holds it that no two consecutive applications should use Sivanto Energy.
- 3) Therefore the GAP has been interpreted as allowing choice of the maximum two application options, out of the three available, using Sivanto Energy, with a product of another MoA being used in between, as the third application, while still respecting the interval ≥ 14 days. The alternative MoAs are listed in the zRMS comments to resistance chapter, B3.
- 4) For the mustard crop the number of applications with Sivanto Energy: "2" must be considered an error either, because it is the only pest claimed in that crop and the single application window envisaged. As MELIAE is the important pest with high risk of resistance to pyrethroids, the proper anti-resistance strategy should be also extended over other crops infested by the species. Therefore if necessary, the second application in mustard must use an insecticide showing different MoA. The number of applications allowed in the mustard crop in should be therefore 1 *per* growth season.

3 Background of authorization decision and risk management

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

All studies have been performed in accordance with the current requirements and the results are deemed to be acceptable.

Deltamethrin + Flupyradifurone EC 85 (10 + 75 g/L) is an EC formulation consisting of a light yellow to brown emulsifiable concentrate with a characteristic odour. The pH of the neat product is 3.1 – 3.3. The pH of a 1% aqueous dilution is 3.7. It has no oxidising, explosive or flammable properties. Accelerated storage stability tests indicate that the product will exhibit acceptable chemical and physical stability under normal storage conditions as indicated by the product label. The physical/chemical properties of this product indicate that the product would give satisfactory handling and dilution properties in the field when it is used as recommended. High density polyethylene – COEX (HDPE/EVOH and HDPE/PA) containers have been found suitable for storage of this product.

The intended concentration of use is 0.08% to 0.375%.
Concentration used in studies: 0.125% - 0.5%.

The packaging materials HDPE/EVOH and HDPE/PA tested in the 2-years storage stability studies have been approved and are suitable for the storage of the plant protection product. For packages made of HDPE for EC formulation additional study should be provided, extrapolation from HDPE/PA and HDPE/EVOH to HDPE is not acceptable.

3.2 Efficacy (Part B, Section 3)

Please refer to 3.3.

3.3 Efficacy data

Justification of the mixture

Flupyradifurone, which has no registered use against the pollen beetle, has demonstrated to be effective against this pest. The mixture can be justified by a better lasting efficacy, in comparison with the single active substances, as observed in countries belonging to The North-East EPPO Climatic Zone and to the South-East EPPO climatic zone. The ability of DLT+FPF EC 85 to control pyrethroid-resistant populations of pollen beetle is also to be considered.

Minimum effective dose

According to the presented results, the proposed rate of 0.75 L/ha should be considered the minimum effective dose to deliver broad spectrum control of MELIAE, CEUTNA and CEUTQU under a wide range of environmental conditions, as well as the proposed rate of 0.5 L/ha should be considered the minimum effective dose to deliver broad spectrum control of CEUTAS and DASYBR.

Efficacy

All the trials were conducted to GEP by officially recognized testing organisations and followed the appropriate EPPO standards. Against *C. napi* and *C. qudridens*, 41 field trials were implemented in the period of 2014-2017 to evaluate the efficacy of DLT+FPF EC85. From these trials, it can be concluded that the label claim for the use of DLT+FPF EC85 in winter oilseed rape against CEUTNA and CEUTQU at 0.75 L/ha in the European regulatory central zone has been fully justified.

Against *B. aeneus*, 24 fields trials (20 in winter oilseed rape and 4 in spring oilseed rape) were implemented in the period of 2014-2017 to evaluate the efficacy of DLT+FPF EC85. From these trials,

it can be concluded that a label claim for the use of DLT+FPF EC85 in oilseed rape against MELIAE at 0.75 L/ha in Poland and Romania has been fully justified.

Against *C. obstrictus* and *D. brassica*, 33 fields trials were implemented in the period of 2014-2018 to evaluate the efficacy of DLT+FPF EC85. From these trials, it can be concluded that a label claim for the use of DLT+FPF EC85 in winter oilseed rape against CEUTAS and DASYBR at 0.5 L/ha in the European regulatory central zone has been fully justified.

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

None of the oilseed rape pest species targeted by the DLT+FPF EC85 has been exposed to flupyradifurone yet, but the potential for resistance to the other of the actives, deltamethrin, should not be ignored, even though the proposed product is the co-formulation of the two. The absence of reported resistance cases for flupyradifurone in the oilseed rape pests may be the consequence of this active's absence in that crop. Resistance management information regarding key invertebrate pests in oilseed rape in the central zone (CZ) such as stem weevils, pollen beetle and pod pests, *e.g. Ceutorhynchus assimilis* (syn. *obstrictus*) and *Dasineura brassicae*, targeted with formulations containing flupyradifurone and deltamethrin (DLT+FPF EC85), was provided.

3.3.2 Adverse effects on treated crops

No phytotoxicity was observed after the first and second application of the test product at the dose 0.5L/ha and 0.75L/ha in winter and spring oilseed rape on a number of commercially important varieties. Effects of DLT+FPF EC85 on yield were measured in the efficacy trials, in situations of low to high pests pressure. In no situation, any negative effect on yield could be observed. Since no phytotoxicity symptoms were observed in field, it can be stated that DLT+FPF EC85 will not have any detrimental effect on quality of crops, when applied according to the recommendations for use. As in the EPPO standard PP1/243(2) "Effects of plant protection products on transformation processes", oilseed rape is not included in the list of crops which may be subject to transformation processes, no specific study was conducted. As DLT and FPF are insecticides, they show no herbicidal or PGR activity. No phytotoxicity effects have ever been reported in any of the DLT+FPF EC85 efficacy trials performed in oilseed rape after foliar spray corresponding to the supported uses. Therefore, it is reasonable to conclude that there will be negligible risk of adverse effects on plant parts used for propagating purposes.

3.3.3 Observations on other undesirable or unintended side-effects

The effects of DLT+FPF EC85 on non-target plants, beneficial and other non-target organisms are included in the dRR part B Section 9 Ecotoxicology. Please refer to Chapter 3.8. Evidence generated from application of DLT +FPF EC85, at 1.25 L/ha, measuring seedling emergence and possible phytotoxic symptoms on a representative range of crop seeds resulted in no negative effect being observed. Therefore, no adverse effect to succeeding crops is expected when DLT+FPF EC85 is applied according to the recommendations for use.

A study has been conducted to evaluate the effects of DLT+FPF EC85 on a representative range of crops. A statistically significant reduction of shoot dry weight was reported in 3 crops (oilseed rape; sugarbeet, tomato) as well as a light phytotoxicity (sugarbeet, oilseed rape). However the product was applied at a higher dose (1.25 L/ha, whereas 0.75 L/ha is supported) and at BBCH 12-14, whereas an application from BBCH 30 is supported. In the field trials there was never any phytotoxicity observed with DLT+FPF EC85, when applied according to the recommendations. Therefore, no adverse effect to adjacent crops is expected when DLT+FPF EC85 is applied according to the recommendations for use.

3.4 Methods of analysis (Part B, Section 5)

3.4.1 Analytical method for the formulation

The same method of analysis (AM023614MF1) is used for both active substances deltamethrin and flupyradifurone. They are separated from formulation components on reversed phase column (XBridge Phenyl from Waters; 50 x 4.6 mm; 2.5 µm) using isocratic elution. After UV detection at 270 nm, the quantitative evaluation is carried out by comparing the peak areas with those of reference items, using an external standard. The method was found valid.

With respect to toxicological, eco-toxicological or environmental aspects the product DLT+FPF EC 85 does not contain any relevant formulators. Therefore, a special analytical method and validation is not needed.

There is no CIPAC method available for the determination of deltamethrin + flupyradifurone in formulations.

3.4.2 Analytical methods for residues

An overview on the acceptable methods and possible data gaps for analysis of residues of deltamethrin and flupyradifurone was given in all matrices (plant, animal, body fluids and tissues, soil, water, air). For the crop matrices submitted in this registration report, additional validations were conducted with a limited dataset of recoveries during the conduct of the residue studies. All data are considered adequate.

Deltamethrin

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

Residue definitions for monitoring purposes

Food of plant origin	Cis-deltamethrin
Food of animal origin	Cis-deltamethrin
Soil	Cis-deltamethrin
Sediment	Cis-deltamethrin
Water surface	Cis-deltamethrin
drinking/ground	Cis-deltamethrin
Air	Cis-deltamethrin
Body fluids and tissues	Cis-deltamethrin

Plant residue definition for monitoring (RD-Mo)	Cis - Deltamethrin
Plant residue definition for risk assessment (RD-RA)	Sum of cis - deltamethrin and its alpha-R isomer and trans-isomer
Animal residue definition for monitoring (RD-Mo)	Deltamethrin
Animal residue definition for risk assessment (RD-RA)	Sum of deltamethrin and its alpha-R isomer and trans-isomer

Excerpt from the EFSA Journal 2015;13(11):4309:

“Methods of analysis in plants

During the peer review under Directive 91/414/EEC, an analytical method using GC-ECD, was evaluated for the determination of deltamethrin in plant matrices with a limit of quantification (LOQ) of 0.02 mg/kg in high water content, high fat content, acidic and dry commodities. According to the current guideline, the method is not considered highly specific and a confirmatory method is still required. Independent laboratory validation (ILV) data are available for the determination of deltamethrin in high water content, high fat content and acidic commodities but not for dry commodities (Sweden, 2002; European Commission, 2002). Consequently, an analytical method fully validated and its ILV is still required for dry commodities. An analytical method for the determination of deltamethrin

in complex matrices, such as spices and herbal infusions, is not available and it is still required. Hence it is concluded that there are indications that deltamethrin can be monitored with an LOQ of 0.02 mg/kg in high water content, high fat content, acidic and dry commodities but full validation data are still required (confirmatory method for all the matrices and ILV for dry commodities). A fully validated analytical method for the determination of deltamethrin in spices and herbal infusion is not available and it is still required.”

Methods of analysis in livestock

During the peer review under Directive 91/414/EEC, an analytical method using GC-ECD and its ILV, was evaluated for the determination of deltamethrin in food of animal origin with an LOQ of 0.02 mg/kg in milk, meat, fat, liver, kidney and eggs (Sweden, 2002; European Commission, 2002). The method is not considered highly specific. Consequently, a confirmatory method is still required.

Hence, there are indications that deltamethrin can be monitored in animal tissues, in milk and eggs at the LOQ of 0.02 mg/kg but a confirmatory method is still required.”

The Applicant submitted a number of methods for analysis of residues of deltamethrin for the generation of pre-authorization data and methods for post-authorization control and monitoring purposes.

The details of the evaluation of new and additional studies are referred in Appendix 2 of Registration Report, Part 5.

Currently, some methods are evaluated in the AIR process for deltamethrin (DRAR, 2018). This process is not finalized at this time.

Flupyradifurone

According to the EFSA Journal 2015;13(2):4020:

Analytical methods for residues (Annex IIA, point 4.2)

Residue definitions for monitoring purposes

Food of plant origin	Two separate residue definitions: 1) Flupyradifurone 2) DFA, expressed as DFA
Food of animal origin	Two separate residue definitions: 1) Flupyradifurone 2) DFA, expressed as DFA
Soil	Flupyradifurone
Water surface	Flupyradifurone
drinking/ground	Flupyradifurone
Air	Flupyradifurone

Monitoring/ Enforcement methods

Analytical methods for residues (Annex IIA, point 4.2)

Food/feed of plant origin (principle of method and LOQ for methods for monitoring purposes)	HPLC-MS/MS method 01330 with acetonitrile/water (4/1, v/v) with 2.2 mL/L formic acid extraction. LOQ 0.01 mg/kg for flupyradifurone for lettuce, wheat, orange, rape seed potato, and wheat. LOQ 0.05 mg/kg for hop. LOQ 0.02 mg/kg for DFA for lettuce, wheat, orange, rape seed potato, and wheat. LOQ 0.10 mg/kg for hop.
Food/feed of animal origin (principle of method and LOQ for methods for monitoring purposes)	HPLC-MS/MS acetonitrile/water (4/1, v/v), with the addition of heptane in the cases of fat and milk. LOQ 0.01 mg/kg for flupyradifurone and LOQ 0.02 mg/kg for DFA in fat, liver, kidney, muscle, egg and milk.
Soil (principle of method and LOQ)	HPLC-MS/MS after extraction with acetonitrile. LOQ of 5 µg/kg for flupyradifurone
Water (principle of method and LOQ)	HPLC-MS/MS LOQ for flupyradifurone is 0.05 µg/L in drinking and surface water.
Air (principle of method and LOQ)	HPLC/MS-MS after extraction with acetonitrile. LOQ for flupyradifurone 7 µg /m ³
Body fluids and tissues (principle of method and LOQ)	No methods required.

“Two separate residue definitions for monitoring were proposed in food of plant and animal origin: flupyradifurone and the second, its metabolite DFA expressed as DFA (see Section 3). Appropriate single HPLC-MS/MS methods exist for monitoring residues in food and feed of plant origin with LOQs of 0.01 mg/kg flupyradifurone and with LOQs of 0.02 mg/kg DFA respectively, in all commodities, except for hops, for which the respective LOQs were 0.05 mg/kg a.s. and 0.10 mg/kg DFA. Residues of flupyradifurone and DFA in food of animal origin can be monitored with single HPLC-MS/MS method with LOQs of 0.01 mg/kg a.s. and 0.02 mg/kg DFA respectively, in all matrices. HPLC-MS/MS methods exist for monitoring flupyradifurone in the environmental matrices with LOQs of 5 µg/kg in soil, 0.05 µg/L in surface water and drinking water and 7 µg/m³ in the air, respectively. The active substance is not classified or proposed to be classified as toxic according to Regulation (EC) No 1272/2008 (CLP Regulation),⁶ therefore a method of analysis is not required for body fluids and tissues.”

Additionally in EFSA Journal 2020;18(6):6133 it is stated that:

“The availability of analytical enforcement methods for the determination of flupyradifurone and DFA in plant matrices was investigated in the framework of the EU pesticides peer review (EFSA, 2015). It was concluded that a method (method reference number 01330) using HPLC-MS/MS is sufficiently validated for the determination of flupyradifurone and DFA residues; LOQs achievable with the method were 0.01 and 0.007 mg/kg⁸ for flupyradifurone and DFA (expressed as DFA), respectively, in plant matrices with high water (lettuce), high starch (wheat, potato), high acid (oranges) and high oil content (rapeseed). In hops, the validated LOQ for the determination of flupyradifurone is 0.05 mg/kg and for DFA (expressed as DFA), it is 0.03 mg/kg. The validation data for high starch content crop matrix is sufficiently representative to cover high protein content plant matrix (OECD, 2007a–h). EFSA concludes that a sufficiently validated analytical method is available for the enforcement of flupyradifurone and DFA residues in the crops under consideration.”

The Applicant submitted a number of methods for analysis of residues of flupyradifurone and DFA for the generation of pre-authorization data and methods for post-authorization control and monitoring purposes.

The details of the evaluation of new and additional studies are referred in Appendix 2.

The data are sufficient in order to cover this application. No further data are required.

3.5 Mammalian toxicology (Part B, Section 6)

3.5.1 Acute toxicity

For a registration in a country outside of Europe toxicity studies were conducted. A summary of the toxicological evaluation for DLT+FPF EC 85 is given in the following tables.

Summary of the classification with a calculation method and evaluation of the studies on acute toxicity including irritancy and skin sensitisation for DLT+FPF EC 85

Type of test, species, model system (Guideline)	Result	Acceptability	Classification (acc. to the criteria in Reg. 1272/2008)	Reference
Calculation method ATE _{mix} * LD ₅₀ oral, rat (OECD 425)	4242.7 mg/kg bw* 550 < LD ₅₀ < 2000 mg/kg bw	Yes	Acute Tox. Cat. 4, H302	Mátyás, A.; 2015; M-516318-01-1
Calculation method ATE _{mix} * LD ₅₀ dermal, rat (OECD 402)	No relevant ingredients for calculation* LD ₅₀ > 2000 mg/kg bw	Yes	None	Mátyás, A.; 2015; M-515269-01-1
Calculation method ATE _{mix} * LC ₅₀ inhalation, rat (OECD 403)	5 mg/L air* 4-h LC ₅₀ , males: 1.31 mg/L air 4-h LC ₅₀ , females: > 4.62 mg/L air	Yes	Acute Tox. Cat. 4, H332	Brandt, P.; Nagy, K.; 2015; M-534789-01-1
Skin irritation, evaluation based on ingredients Skin irritation, rabbit (OECD 404)*	Non-irritant Non-irritant*	Yes	None	
In vitro eye irritation, ICET (OECD 438)	Not classified as severe irritant and not classified as non-irritant.	Supplementary	None	
Eye irritation, evaluation based on ingredients Eye irritation, rabbit (OECD 405) *	Irritant Irritant *	Yes	Eye Corr. Cat. 1, H318	
Skin sensitisation, evaluation based on ingredients * Skin sensitisation, mouse (OECD 429, LLNA)	Non-sensitiser * Sensitising	Yes	Skin Sens. Cat. 1B, H317	
Supplementary studies for combinations of plant protection products	No data – not required			

* test system marked with grey fonts has not been considered for hazard assessment, however in case of *in vivo* tests they are scientifically valid without deviation from OECD protocols; see comments dRR Part B6 Appendix. 2

** results achieved from *in vitro* study (Valiczko, E., 2015) does not allow conclude on hazard classification of the product, thus *in vivo* studies required.

For the purposes of the current product registration, APPL provided an assessment of the toxicological potential based on the calculation method (ATE_{mix}), *in vitro* and *in vivo* tests. In accordance with the EC recommendations to avoid tests on animals, for the purposes of hazard classification PL tried to use the data obtained using the calculation method. However, due to the fact that the some of results of ATE_{mix} calculation gave clearly different results than the *in vivo* test, for this reason ZRMS PL took into account the results of *in vivo* tests as **high tier** precautionary approach for the purpose of hazard assessment.

3.5.2 Operator exposure

A summary of the exposure models used for estimation of operator exposure to the active substances during application of DLT+FPF EC 85 according to the critical use as well as the outcome of the estimation are presented in the below tables.

Exposure models for intended uses

Critical use(s)	Rape, winter (max. 0.75 L product/ha)
Model(s)	All exposure calculations are in accordance with the <i>EFSA guidance on the assessment of exposure of operators, workers, residents and bystanders in risk assessment for plant protection products.(2014)</i> ¹

Estimated operator exposure

Deltamethrin			
Long term exposure			
Model data	Level of PPE	Total absorbed dose (mg/kg/day)	% of systemic AOEL ¹
Tractor mounted boom spray application outdoors to low crops Application rate: 0.0075 kg a.s./ha			
EFSA Operator Model (75 th quantile regression) Body weight: 60 kg	Potential	0.0037	50
	no PPE ²	0.0021	28
	with PPE ³	0.0001	2

¹ AOEL (RVNAS) of deltamethrin: 0.0075 mg/kg bw/day

² no PPE: Work wear - arms, body and legs covered

³ with PPE: Work wear - arms, body and legs covered. In addition gloves during mixing and loading

Flupyradifurone			
Model data	Level of PPE	Total absorbed dose (mg/kg/day)	% of systemic AOEL ¹
Tractor mounted boom spray application outdoors to low crops Application rate: 0.05625 kg a.s./ha			
EFSA Operator Model (75 th quantile regression) Body weight: 60 kg	Potential	0.0110	17
	no PPE ²	0.0067	10
	with PPE ³	0.0006	1

¹ AOEL (RVNAS) of flupyradifurone: 0.064 mg/kg bw/day

² no PPE: Work wear - arms, body and legs covered

³ with PPE: Work wear - arms, body and legs covered. In addition gloves during mixing and loading.

3.5.3 Worker exposure

A summary of the exposure models used for estimation of worker exposure to the active substances after entry into a previously treated area or handling a crop treated with DLT+FPF EC 85 according to the critical use as well as the outcome of the estimation are presented in the below tables.

¹ EFSA (European Food Safety Authority), 2014. Guidance on the assessment of exposure of operators, workers, residents and bystanders in risk assessment for plant protection products. EFSA Journal 2014;12(10):3874, 55 pp., doi:10.2903/j.efsa.2014.3874

Exposure models for intended uses

Critical use(s)	Rape, winter (max. 0.75 L product/ha)
Model	All exposure calculations are in accordance with the <i>EFSA guidance on the assessment of exposure of operators, workers, residents and bystanders in risk assessment for plant protection products.(2014)</i> ²

Estimated worker exposure

Deltamethrin			
Model data	Level of PPE	Total absorbed dose (mg/kg/day)	% of systemic AOEL
Application in Rape, winter Number of applications: 2 application rate: 0.0075 kg a.s./ha			
2 hours/day ⁽¹⁾ , TC: 1400 cm ² /person/h ⁽²⁾ Body weight: 60 kg	Potential	0.0009	11
	no PPE ⁽³⁾	0.0013	7 1.28

Flupyradifurone			
Model data	Level of PPE	Total absorbed dose (mg/kg/day)	% of systemic AOEL
Application in Rape, winter Number of applications: 2 application rate: 0.05625 kg a.s./ha			
2 hours/day ⁽¹⁾ , TC: 1400 cm ² /person/h ⁽²⁾ Body weight: 60 kg	Potential	0.0059	9
	no PPE ⁽³⁾	0.0007	1

⁽¹⁾ e.g. 8 h/day for professional applications for harvesting, pruning, tying, thinning or weeding activities etc. or 2 h/day for professional applications for maintenance, inspection or irrigation activities etc.

⁽²⁾ e.g. EUROPOEM II, 2002, Post-Application Exposure of Workers to Pesticides in Agriculture or US-EPA policy paper [EPA, Science Advisory Council for Exposure; Agricultural Transfer Coefficients, Policy # 3.]. TC: Transfer coefficient

⁽³⁾ no PPE: Worker wearing long sleeved shirt, long trousers (“permeable”) but no gloves

3.5.4 Bystander and resident exposure

A summary of the exposure models used for estimation of bystander and resident exposure to the active substances during application of DLT+FPF EC 85 according to the critical use as well as the outcome of the estimation are presented in the below tables.

No acute acceptable operator exposure level (AAOEL) has been set during the last EU review of flupyradifurone (Final Review report for the active substance flupyradifurone, SANTE/11649/2015/ rev 1) and the last review of deltamethrin (Final Review report for the active sub-stance deltamethrin, SANCO 3504/VI/99-final) therefore bystander exposure is covered by resident exposure.

Exposure models for intended uses

Critical use(s)	Rape, winter (max. 0.75 L product/ha)
Model	All exposure calculations are in accordance with the <i>EFSA guidance on the assessment of exposure of operators, workers, residents and bystanders in risk assessment for plant protection products.(2014)</i> ³

² EFSA (European Food Safety Authority), 2014. Guidance on the assessment of exposure of operators, workers, residents and bystanders in risk assessment for plant protection products. EFSA Journal 2014;12(10):3874, 55 pp., doi:10.2903/j.efsa.2014.3874

³ EFSA (European Food Safety Authority), 2014. Guidance on the assessment of exposure of operators, workers, residents and bystanders in risk assessment for plant protection products. EFSA Journal 2014;12(10):3874, 55 pp., doi:10.2903/j.efsa.2014.3874

Estimated resident exposure to deltamethrin

Estimated Resident exposure to deltamethrin					
	Adult ²		Child ²		
Outdoor, Downward spraying, Vehicle-mounted Application rate: 2 x 0,0075 kg a.s./ha, 14 days interval, Minimum water volume: 200 L/ha					
Routes of exposure	75 th centile (mg/kg bw/day)	in % of AOEL ¹ (RVNAS)	75 th centile (mg/kg bw/day)	in % of AOEL ¹ (RVNAS)	
Spray drift ³	0.00001	0.1	0.00003	0.4	
Vapour	0,00023	3.1	0,00107	14	
Surface deposits	0.000005	0.1	0.00002	0.2	
Entry into treated crops	0.00006	0.9	0.00012	1.5	
	Sum of all pathways (mean): in % of AOEL (RVNAS)		3.8	Sum of all pathways (mean): in % of AOEL (RVNAS)	16

¹ AOEL (RVNAS) of DLT: 0,0075 mg/kg bw/day

² Considered bodyweight: adult = 60 kg, child = 10 kg

³ Exposure at 2-3 m distance

Estimated resident exposure to flupyradifurone

Estimated resident exposure to nupyradufurone					
		Adult ²		Child ²	
Outdoor, Downward spraying, Vehicle-mounted Application rate: 2 x 0,05625 kg a.s./ha, 14 days interval, Minimum water volume: 200 L/ha					
Routes of exposure	75 th centile (mg/kg bw/day)	in % of AOEL ¹ (RVNAS)	75 th centile (mg/kg bw/day)	in % of AOEL ¹ (RVNAS)	
Spray drift ³	0.00009	0.1	0.00038		0.6
Vapour	0,00023	0.4	0,00107		1.7
Surface deposits	0.00003	0.05	0.00015		0.2
Entry into treated crops	0.00045	0.7	0.00080		1.3
	Sum of all pathways (mean): in % of AOEL (RVNAS)		1.0	Sum of all pathways (mean): in % of AOEL (RVNAS)	
				3.2	

¹ AOEL (RVNAS) of FPF: 0,064 mg/kg bw/day

² Considered bodyweight: adult = 60 kg, child = 10 kg

³ Exposure at 2-3 m distance

3.5.5 Combined exposure

At the first tier, combined exposure is calculated as the sum of the component exposures without regard to the mode of action or mechanism/target of toxicity. Initially, the individual Hazard Quotients (HQ) are calculated for all active substances in the PPP by assessing the exposure according to appropriate models and dividing the individual exposure levels by the respective systemic AOEL/RVNAS. The Hazard Index (HI) is the sum of the individual HQs.

The Hazard Index is < 1. Thus combined exposure to all active substances in DLT+FPF EC 85 is not expected to present a risk for operators, workers, bystanders and residents. No further refinement of the assessment is required.

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

3.6.1 Residues

Oilseed rape is the major crop in Northern Europe (Technical Guidelines SANTE/2019/12752). A minimum of eight independent trials representative of the proposed growing area for outdoor are

required.

White and black mustard is a minor crop in the Northern zone of Europe. Therefore, 4 NEU trials are therefore required to support the use of Deltamethrin + Flupyradifurone EC 85 on mustard in NEU.

In accordance with Technical Guidelines SANTE/2019/12752 eight residue trials on rapeseeds/canola seeds (0401060) for foliar treatments before and after forming of the edible part can be extrapolated to support mustard seeds (0401080). Therefore the data cover the use on white and black mustard.

Flupyradifurone

The proposed GAP of this dRR submission for the central zone is as follows:

Crop: oilseed rape

- (1) 2 x 37.5 g FPF/ha, interval 14 d, BBCH 65-79, PHI 45 d;
- (2) 2 x 56.25 g FPF/ha, interval 14 d, BBCH 30-49, no PHI,
- (3) 2 x 56.25 g FPF/ha, interval 14 d, BBCH 50-59, no PHI.

Crop: mustard seed

- (1) 2 x 56.25 g FPF/ha, interval 14 d, BBCH 50-59, no PHI.

FPF - flupyradifurone

The Applicant submitted eight residue trials on oilseed rape, which were conducted in France, Germany and Belgium in 2015 and 2016. Residue trials were designed as decline trials (two/three sampling points at the preharvest intervals (PHIs) of 34–38 days, 42–48 days and 50–54 days) and performed with two applications at a nominal application rate of 56.2 g/ha; the last treatment took place at the BBCH of 73–80.

Residue trials are not fully compliant with any of the intended NEU GAPs.

The Applicant argues that the GAPs with earlier applications at a higher rate are less critical than the GAP with lower rate but later applications (i.e. GAP with a PHI of 45 days). This is confirmed in residue trials, where at longer PHIs of 50–54 days a decline of residues was observed in all trials, except one. In the EFSA Journal 2020;18(11):6298 it is stated that the EMS disagrees with the Applicant and concludes that intended NEU GAPs number 2 and 3 are not supported by residue trials.

In order to support the NEU GAP number 1, the EMS proposes and EFSA agrees to apply the proportionality principle to potentially account for residues in oilseed rape at a lower application rate of 37.5 g/ha.

1. The study of Schulte, G.; 2017; 15-2132; M-578527-02-1

Since the application rate of the trials is higher than in the NEU GAP number 1, residues should be scaled down:

Residues used for monitoring and risk assessment:

Trial GAP: 2 x 56.25 g a.s./ha, interval = 14 d, PHI = 45 d

Mo (FPF): 0.065; 0.088; 0.13; 0.21 mg/kg

Mo (DFA): 0.048; 0.068; 0.075; 0.095 mg/kg

RA (sum): 0.27; 0.27; 0.31; 0.50 mg/kg

Residue values downscaled to the intended application rate:

Mo (FPF): 0.043; 0.059; 0.087; 0.14 mg/kg

Mo (DFA): 0.032; 0.045; 0.050; 0.063 mg/kg

RA (sum): 0.18; 0.18; 0.21; 0.33 mg/kg.

2. The study of Kaussmann, M.; Kerkerling, S.; 2018; M-641044-01-1:

Since the application rate of the trials is higher than in the NEU GAP number 1, residues should be scaled down:

Residues used for monitoring and risk assessment:

Trial GAP: 2 x 56.25 g a.s./ha, interval = 14 d, PHI = 45 d

Mo (FPF): 0.066; 0.12; 0.15; 0.15 mg/kg,

Mo (DFA): 0.043; 0.063; 0.068; 0.075 mg/kg,
RA (sum): 0.25; 0.25; 0.35; 0.35 mg/kg.

Residue values downscaled to the intended application rate:

Mo (FPF): 0.044; 0.080; 0.10; 0.10 mg/kg,
Mo (DFA): 0.032; 0.042; 0.045; 0.050 mg/kg,
RA (sum): 0.17; 0.17; 0.23; 0.23 mg/kg.

~~The MRL required for the GAP is 0.3 mg/kg. The current MRL for oilseed rape and mustard is 0.01 mg/kg for flupyradifurone and 0.05 mg/kg for DFA. The current MRLs do not support the proposed GAP.~~

~~An EFSA reasoned opinion on the Article 6 application has since been published (EFSA Journal 2020;18(11):6298) and the draft regulation SANTE/11428/2020 is now available regarding raising the MRL for flupyradifurone and its metabolite difluoroacetic acid (DFA) in rapeseeds/canola seeds and mustard seeds, from 0.01 mg/kg (LOQ) to 0.3 mg/kg for flupyradifurone and from 0.05 mg/kg to 0.3 mg/kg for DFA. This is not currently published.~~

~~Considering the intended uses in oilseed rape, an exceedance of the default MRL of 0.01 mg/kg for flupyradifurone (expressed as flupyradifurone), as established in Commission Regulation (EU) 2016/1902, is expected. The current MRL of 0.05 mg/kg for DFA (expressed as DFA) will also also be exceeded in oilseed rape seed. Therefore until the new MRLs for flupyradifurone and its metabolite DFA come into force, authorisation of the GAP (oilseed rape and mustard) will not be possible.~~

In the meantime new MRLs (0.3 mg/kg) for oilseed rape and mustard seed were set for flupyradifurone and DFA in Commission Regulation 2021/1842 of 20 October 2021, applying from 10 November 2021 on.

Available results of residue trials show that the in force MRLs of flupyradifurone and DFA on oilseed rape seed and mustard of 0.3 mg/kg (Reg. (EU) 2021/1842) will not be exceeded. The current EU MRLs for flupyradifurone and DFA are sufficient to support the proposed uses.

Deltamethrin

The proposed GAP of this dRR submission for the central zone is as follows:

Crop: oilseed rape

- (1) 2 x 5 g DLT/ha, interval 14 d, BBCH 65-79, PHI 45 d;
- (2) 2 x 7.5 g DLT/ha, interval 14 d, BBCH 30-49, no PHI,
- (3) 2 x 7.5 g DLT/ha, interval 14 d, BBCH 50-59, no PHI.

Crop: mustard seed

- (1) 2 x 7.5 g DLT/ha, interval 14 d, BBCH 50-59, no PHI.

DLT - deltamethrin

The Applicant submitted eight residue trials on oilseed rape, which were conducted in northern Europe in 2015 and 2016. Two applications were made at an interval of 13-14 days, each at a rate of 0.75 L/ha, corresponding to 7.5 g a.s./ha. The last application was done at a crop growth stage of BBCH 73-80 (30% to 70% of pods have reached final size). The envisaged PHI was 45 days.

Residues of deltamethrin and its isomers AE F108569 and AE 0035073 were determined by LC-MS/MS according to method 00855/M004.

The individual LOQs for deltamethrin and its isomers are 0.05 mg/kg in green material and straw and 0.01 mg/kg in seed.

No deltamethrin-related residue will be detected in mature seeds (<0.01 mg/kg for each isomer).

Residue results (mg/kg) in seed:

E: 8x<0.01

RA: 8x<0.01

Available results show that the in force MRLs of deltamethrin on oilseed rape of 0.2 mg/kg and on mustard seeds of 0.07 mg/kg (Reg. (EU) 2018/832) will not be exceeded. The current EU MRLs for deltamethrin are sufficient to support the proposed uses.

No additional data are required.

Conclusion:

Considering the intended uses in oilseed rapeseed, an exceedance of the default MRL of 0.01 mg/kg for flupyradifurone (expressed as flupyradifurone), as established in Commission Regulation (EU) 2016/1902, is expected. The current MRL of 0.05 mg/kg for DFA (expressed as DFA) will also be exceeded in oilseed rape seed. Therefore until the new MRLs for flupyradifurone and its metabolite DFA come into force, authorisation of the GAP (oilseed rape and mustard) will not be possible.

In the meantime new MRLs (0.3 mg/kg) for oilseed rape and mustard seed were set for flupyradifurone and DFA in Commission Regulation 2021/1842 of 20 October 2021, applying from 10 November 2021 on.

Available results of residue trials show that the in force MRLs of flupyradifurone and DFA on oilseed rape seed and mustard of 0.3 mg/kg (Reg. (EU) 2021/1842) will not be exceeded. The current EU MRLs for flupyradifurone and DFA are sufficient to support the proposed uses.

Additionally, there is no sufficient data to support application of DLT+FPF EC 85 at flowering oilseed rape. Following the review done by zRMS, the applicant would like to request to restrict the use of the product to applications outside of flowering.

3.6.2 Consumer exposure

Deltamethrin

The data available are considered sufficient for risk assessment. An exceedance of the current MRL of 0.2 mg/kg for deltamethrin as laid down in Reg. (EU) 396/2005 is not expected.

The calculation of the IEDI using EFSA model (version 3) and STMR values reported in EFSA Journal 2015;13(11):4309 and STMR values detected in the supervised field trials submitted in this registration report led to a utilisation of the ADI of 89% with the NL toddler being the population group with the highest value. For this diet, the highest contributor is maize/corn with 62% of the ADI. The intended uses will not result in a consumer chronic exposure exceeding the ADI.

An acute consumer risk assessment was performed based on the highest residues value (HR) for oilseed rape and based on rape seed extrapolation for mustard seed. The highest International Estimated Short-Term Intake (IESTI) is at 0.1% and 0.05% of the ARfD for the consumption of rapeseeds/canola by children and by adults respectively.

The proposed uses of deltamethrin in the product DLT+FPF EC 85 (Sivanto Energy) do not represent unacceptable acute and chronic risks for the consumer.

Consumer risk assessment - Deltamethrin

TMDI (% ADI) according to EFSA PRIMo	Not conducted, please refer to IEDI
IEDI (% ADI) according to EFSA PRIMo Rev.3.0	89% (based on NL toddler)
IESTI (% ARfD) according to EFSA PRIMo Rev.3.0	Rape seed:0.1 % (based on children)

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

** if national model is available

The proposed uses of deltamethrin in the formulation DLT+FPF EC 85 do not represent unacceptable acute and chronic risks for the consumer.

Flupyradifurone

Thus far, EU MRLs in oilseed rape have only been established for DFA based on rotational crops (EFSA Journal 2015;13(2):4020). Considering the intended uses in oilseed rapeseed, an exceedance of the default MRL of 0.01 mg/kg for flupyradifurone (expressed as flupyradifurone), as established in Commission Regulation (EU) 2016/1902, is not expected. The current MRL of 0.05 mg/kg for DFA (expressed as DFA) will also not be exceeded in oilseed rape seed. Therefore, an MRL Evaluation Report (ER) has already been submitted to the Netherlands (Ctgb) as designated EMS in February 2019 (update March 2019) in order to support this submission for oilseed rape. The current EU MRLs for flupyradifurone and DFA are sufficient to support the proposed uses.

The calculation of the IEDI using EFSA model (version 3) and STMR values reported in EFSA Journal 2016;14(3):4423 and STMR values detected in the supervised field trials of primary or field rotational crop trials submitted in this registration report led to a utilisation of the ADI of 17% with the NL toddler being the population group with the highest value. For this diet, the highest contributor is milk:cattle with 5% of the ADI. The intended uses will not result in a consumer chronic exposure exceeding the ADI.

An acute consumer risk assessment was performed based on the median residues for oilseed rape and highest residue values (HR) of matrices of animal origin. The highest International Estimated Short-Term Intake (IESTI) is at 0.3% and 0.1% of the ARfD for the consumption of rapeseeds/canola by children and by adults respectively.

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

Consumer risk assessment - Flupyradifurone

TMDI (% ADI) according to EFSA PRIMo 3	Not suitable, please refer to IEDI
IEDI (% ADI) according to EFSA PRIMo 3	17% (NL toddler)
IESTI (% ARfD) according to EFSA PRIMo 3*	<u>Results for children (<1% of ARfD):</u> unprocessed and processed rapeseeds: 0.3% unprocessed mustard seeds: 0.2% <u>Results for adults (<1% of ARfD):</u> unprocessed rapeseeds: 0.1% unprocessed mustard seeds: 0.1%
NTMDI (% ADI) **	Not relevant
NEDI (% ADI)**	
NESTI (% ARfD)**	

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

** if national model is available

The proposed uses of flupyradifurone in the formulation DLT+FPF EC 85 does not represent unacceptable acute and chronic risks for the consumer.

Combined exposure and risk assessment

From a scientific point of view it is regarded necessary to take into account potential combination effects. However, the evaluation of cumulative or synergistic effects as requested by Art. 4 (3b) of Regulation (EC) No. 1107/2009 should only be performed when harmonised “scientific methods accepted by the Authority to assess such effects are available.”

Currently, no EU-harmonized guidance is available on the risk assessment of combined exposure to multiple active substances; this approach is not mandatory at EU level.

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

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

The predicted environmental concentrations in soil were assessed in accordance with the recommendations of the respective EU guidance documents on the basis of the EU agreed input parameters and intended use pattern of DLT+FPF EC 85.

The results for PEC_{soil} for the active substances and their metabolites were used for the ecotoxicological risk assessment.

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

The leaching behaviour of deltamethrin, flupyradifurone and their soil metabolites was assessed using FOCUS leaching models FOCUS PEARL v. 4.4.4, FOCUS PELMO v. 5.5.3 and MACRO 5.5.4 on the basis of the EU agreed input parameters and intended use pattern of DLT+FPF EC 85.

Based on the performed assessment, no unacceptable leaching of deltamethrin, flupyradifurone or their metabolites is expected following application of DLT+FPF EC 85 according to the intended Central Zone use pattern.

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

The surface water exposure was estimated using the respective FOCUS models. EU agreed endpoints and intended Central Zone use pattern were considered.

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

Based on the available data contamination of the atmosphere with deltamethrin or flupyradifurone from the intended uses of DLT+FPF EC 85 is considered to be negligible.

3.8 Ecotoxicology (Part B, Section 9)

3.8.1 Effects on terrestrial vertebrates

All acute and long-term TER values are higher than the trigger values indicating an acceptable risk after use of DLT+FPF EC85 for all intended uses.

The assessment on combined toxicity risk proved an acceptable risk for the application rate of 0.75 L product/ha (use group A) after the use of DLT+FPF EC 85.

No risk resulted from exposure via drinking water.

The risk from secondary poisoning via prey like fish and earthworms is considered to be low.

3.8.2 Effects on aquatic species

As the risk assessment performed for DLT+FPF EC 85 was not entirely accepted by the zRMS and further calculations are deemed necessary, no final conclusion at this stage is possible.

The Applicant is kindly requested to provide following calculations during the commenting period:

- Risk assessment for aquatic invertebrates from deltamethrin based on the EAC of 3.2 ng a.s./L with an AF of 2.
- Combined risk assessment performed fully in line with EFSA (2013) on the basis of endpoints agreed by the zRMS.
- Additional explanations to justify selection of the substance for chemical verification in the studies performed with DLT+FPF EC 85 or data to confirm that deltamethrin was most stable during the study.

Respective data and calculations based on the listed above assumptions were provided by the Applicant during the commenting period. On the basis of the risk assessment provided in the initial dRR and additional evaluation performed following the commenting period acceptable risk to aquatic species may be concluded provided that respective risk mitigation measures are respected. Summary of risk mitigation measures for deltamethrin and flupyradifurone identified in surface water scenarios representative for Poland and depending on the use pattern is presented in table below.

Use group	Intended uses	RMM relevant for winter OSR uses		RMM relevant for spring OSR uses	
		DLT	FPF	DLT	FPF
C	Winter and spring OSR (spring application) 2 × 0.75 L/ha, 14 d interval BBCH 30-49	D3 5 m + 90% DRN; 20 m + 75% DRN D4 5 m + 90% DRN; 20 m + 75% DRN R1 5 m + 90% DRN; 10 m + 75% DRN	D3 None D4 None R1 20 m VFS	D3 5 m + 90% DRN; 20 m + 75% DRN D4 5 m + 90% DRN; 20 m + 75% DRN R1 5 m + 90% DRN; 10 m + 75% DRN	D3 None D4 None R1 10 m VFS
D	Winter and spring OSR (spring /summer application) 2 × 0.75 L/ha, 14 d interval BBCH 50-59	D3 5 m + 90% DRN; 20 m + 75% DRN D4 5 m + 90% DRN; 20 m + 75% DRN R1 5 m + 90% DRN; 10 m + 75% DRN	D3 None D4 None R1 10 m VFS	D3 5 m + 90% DRN; 20 m + 75% DRN D4 5 m + 90% DRN; 20 m + 75% DRN R1 5 m + 90% DRN; 10 m + 75% DRN	D3 None D4 None R1 10 m VFS
E	Winter and spring OSR (spring/summer application) 2 × 0.5 L/ha, 14 d interval BBCH 65-79	D3 5 m + 90% DRN; 10 m + 75% DRN; 20 m + 50% DRN D4 5 m + 90% DRN; 10 m + 75% DRN; 20 m + 50% DRN R1 5 m + 90% DRN; 10 m + 75% DRN; 20 m + 50% DRN	D3 None D4 None R1 10 m VFS	D3 5 m + 90% DRN; 10 m + 75% DRN; 20 m + 50% DRN D4 5 m + 90% DRN; 10 m + 75% DRN; 20 m + 50% DRN R1 5 m + 90% DRN; 10 m + 75% DRN; 20 m + 50% DRN	D3 None D4 None R1 10 m VFS

3.8.3 Effects on bees

The acute risk assessment performed in line with current guidance document (SANCO/10329/2002 rev 2 final) demonstrated unacceptable acute oral and contact risk from deltamethrin for both application rates (2x0.75 L product/ha and 2x0.5 L product/ha). The contact toxicity from the formulated product was unacceptable from both rates, while the oral risk was unacceptable only from the higher rate. The acute oral and contact risk from flupyradifurone was acceptable from both application rates of DLT+FPF EC 85.

In order to resolve the risk the Applicant submitted higher tier studies: one tunnel study performed with DLT+FPF EC 85 and multiple semi-field as well as field studies performed with solo formulation of the individual active compounds. It is, however, noted that the combined risk resulting from the exposure to mixture of deltamethrin and flupyradifurone cannot be addressed based on semi-field and field studies performed with solo formulations of particular compounds and the semi-field and field studies should be performed with the formulation for which authorisation is sought, at least in case of products containing more than one active substances.

In the only tunnel study performed with DLT+FPF EC 85 the test item was applied 10 days before introduction of bees to the tunnels and for this reason its results are not relevant to address the risk resulting from direct overspray of the bees foraging on the flowering oilseed rape. However, results of the study may be used to confirm lack of residual toxicity after application outside of the flowering (i.e. for BBCH stages 30-59 and 70-79). Application after the flowering (BBCH 70-79) will not lead to exposure to residues of the product, since bees will no longer forage in the treated crop. However, application at BBCH 59 (i.e. just before the flowering) may not warrant the 10 day window between the last application and start of the flowering, which was included in the tunnel study by Taenzler (2017). In consultation with the efficacy specialising in agronomy of oilseed rape, the following restriction is proposed to be displayed on the label:

The last application must be performed not later than at BBCH 57, but not less than 10 days before beginning of the flowering (BBCH 60). Application date must be thus determined on the basis of the expected number of days to flowering, estimated with consideration of the expected weather conditions, variety, agricultural practices and the BBCH stage on the day when the decision is taken.

In addition to that the product cannot be applied when flowering weeds are present in the treated crop and the application must be performed in the evening in order to avoid accidental exposure to the spray drift of bees foraging on flowering weeds outside the field or in adjacent crops.

In order to support application of DLT+FPF EC 85 to flowering oilseed rape, more data must be generated. Study/studies should be performed in line with most up-to-date requirement (e.g. in case of field indications of EFSA bee guidance should be considered in order to assure sufficient statistical power of the study). Exposure regime should reflect the intended use pattern (including two applications of the product due to systemicity of flupyradifurone) and all parameters necessary to evaluate effects on the colony development should be investigated (in case of field studies it is highly recommended to investigate effects on the overwintering success). As the intended crop is highly attractive to bees, consideration of the surrogate attractive crop (i.e. *Phacelia tanacetifolia*) is not necessary and the study (studies) should be performed in the intended crop.

In conclusion, the zRMS is of the opinion that the available data are not sufficient to support application of DLT+FPF EC 85 during the flowering period of oilseed rape. Application outside the flowering is possible provided that **respective risk mitigation measures indicated above are respected**. ~~more detailed evaluation of results obtained during colonies assessments in the study by Taenzler (2017, M 598914-01-1) is submitted during the commenting period. At this stage no final conclusion may be taken and the risk remains unresolved.~~

Furthermore, studies on chronic and larvae toxicity of DLT+FPF EC 85 should be submitted in order to fulfil data requirements as set by the Commission Regulation (EU) No 284/2013. These studies may be waived provided that the Applicant will perform relevant semi-field and field studies including all relevant parameters.

3.8.4 Effects on other arthropod species other than bees

No unacceptable risk can be concluded from the in-field risk assessment for use group A and B following application of up to 2 x 0.75 L/ha in OSR.

An acceptable off-crop risk can be concluded following the application of drift reducing measures as outlined below.

Group	Mitigation
OSR (use group A) 2 x 0.75 L/ha, 14 d interval	No-spray buffer zone of 10m
	No-spray buffer zone of 5 m with 50% drn
	90% drn without additional buffer
OSR (use group B) 2 x 0.5 L/ha, 14 d interval	No-spray buffer zone of 5m
	90% drn without additional buffer

3.8.5 Effects on soil organisms

As demonstrated by the risk assessment, no unacceptable effects on earthworms, other soil macro-organisms and soil micro-organisms are to be expected from the application of the product according to the proposed use pattern.

3.8.6 Effects on non-target terrestrial plants

The TER values for the risk envelope approach considering the highest application rate (2 x 0.75 L prod./ha) and the highest drift rate for OSR is above the trigger of 5 for the Tier 2 risk assessment. Accordingly, the use of the product as recommended is considered to be safe.

3.8.7 Effects on other terrestrial organisms (Flora and Fauna)

No further information is available or considered to be necessary.

3.9 Relevance of metabolites (Part B, Section 10)

Deltamethrin

The metabolite **Br₂CA** is not predicted to occur in groundwater at concentrations above 0.1 µg/L (see dRR core Part B section 8). **Assessment of the relevance of this metabolite** according to the stepwise procedure of the EC guidance document SANCO/221/2000 –rev.10 **is therefore not required.**

Flupyradifurone

The metabolite difluoroacetic acid (DFA) is predicted to occur in groundwater at concentrations above 0.1 µg/L (see Section 8, Chapter 8.8). Assessment of the relevance of this metabolite according to the stepwise procedure of the EC guidance document SANCO/221/2000 –rev.10 is therefore required.

The relevance of the groundwater metabolite difluoroacetic acid (DFA) has already been assessed and the assessment agreed at EU level (DAR 2014, EFSA Journal 2015;13(2):4020). The relevance assessment is applicable as well for the GAP and groundwater scenarios considered in this dRR (i.e., the conclusions reached at Step 4 and 5 of the relevance assessment made at the EU-level are valid also with regard to the PEC_{gw} calculated for the GAP and groundwater scenarios considered in this dRR). Metabolite difluoroacetic acid (DFA) is not considered relevant according to the criteria laid down in the EC guidance document SANCO/221/2000 –rev.10. A summary of the relevance assessment is given in the below table.

Summary of the relevance assessment for Difluoroacetic Acid

Summary of the relevance assessment for Dinitroprostate (DNP)				
	Assessment step		Result of assessment	
	STEP 1		Metabolite of no concern?	no
Quantification of groundwater contamination	STEP 2		Max PEC _{gw}	0.697 µg/L
			Based on	0.654 µg/L FOCUS PELMO 5.5.3 (Tier 2, TSCF = 0) Hamburg
Hazard assessment	STEP 3	Stage 1	Biological activity comparable to the parent?	no
		Stage 2	Genotoxic properties of metabolite	non-genotoxic
		Stage 3	Toxic properties of metabolite;	
			Classification of parent	no classification
			Classification of metabolite	no classification
Consumer health risk assessment	STEP 4		Estimated consumer exposure via drinking water and other sources; threshold of concern approach	acceptable (<0.75 µg/L)
	STEP 5	Refined risk assessment		N/A*
		Predicted exposure (% of ADI)		N/A*

* N/A: not applicable

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

Not relevant (deltamethrin and flupyradifurone are not active substances candidates for substitution).

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

Noticed data gaps are:

Physical and chemical properties:

- 2-years storage stability study in HDPE packaging.

Ecotoxicology:

- ~~Risk assessment for aquatic invertebrates from deltamethrin based on the EAC of 3.2 ng a.s./L with an AF of 2.~~
- ~~Combined risk assessment performed fully in line with EFSA (2013) on the basis of endpoints agreed by the zRMS.~~
- ~~Additional explanations to justify selection of the substance for chemical verification in the studies performed with DLT+FPF EC 85 or data to confirm that deltamethrin was most stable during the study.~~
- ~~Detailed evaluation of results obtained during colonies assessments in the study by Taenzler (2017, M 598914 01-1, see Section 9 for details).~~
- Studies on chronic and larvae toxicity of DLT+FPF EC 85 should be submitted in order to fulfil data requirements as set by the Commission Regulation (EU) No 284/2013.

Appendix 1 Copy of the product authorization

None.

Appendix 2 Copy of the product label

Komentarz oceniających:

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

Zakres zmian jest następujący:

Sekcja właściwości fizykochemiczne:

1. Środek nie wykazuje właściwości wybuchowych i utleniających, znakowanie środka wynikające z wyżej wymienionych właściwości fizykochemicznych zgodnie z zapisami Rozporządzenia Parlamentu Europejskiego i Rady (WE) NR 1272/2008 z dnia 16 grudnia 2008 r. nie jest wymagane.
2. Okres ważności: 2 lata na podstawie wyników 2-letnich badań stabilności środka przechowywanego w opakowaniach wykonanych z HDPE/PA i HDPE/EVOH. Zgodnie z zapisami aktualnie obowiązującej wytycznej Ministerstwa Rolnictwa i Rozwoju Wsi w sprawie zasad zatwierdzania opakowań środków ochrony roślin z dnia 17/10/2019 nie możliwa jest ekstrapolacja wyników badań stabilności z opakowań wykonanych z HDPE/PA i HDPE/EVOH na HDPE. W związku z powyższym dla uzyskania zgody na sprzedaż środka w opakowaniach wykonanych z HDPE konieczne jest przedstawienie wyników 2-letnich badań stabilności. Dla uzyskania zgody warunkowo na 2-letni okres przechowywania środka w opakowaniach wykonanych z HDPE z możliwością późniejszego dostarczenia wyników 2-letnich badań stabilności konieczne jest przedstawienie wyników badań przyspieszonego starzenia środka przechowywanego w opakowaniach wykonanych z HDPE.
3. Brak uwag do punktu dotyczącego sporządzania cieczy użytkowej.
4. W punkcie dotyczącym warunków przechowywania i bezpiecznego usuwania środka ochrony roślin i opakowania dodano zapis „Środek ochrony roślin przechowywać: - w temperaturze 0°C-30°C”.
5. Brak uwag do zapisu nazw grup chemicznych, do których przyporządkowano substancje czynne. Dodano zawartość substancji czynnych wyrażoną w procentach (zawartość substancji czynnych wyrażona w procentach została obliczona w oparciu o gęstość produktu 1,16 g/ml zgodnie z punktem 1.2.1 Części C).

Sekcja skuteczność:

1. Dane przedłożone przez Wnioskodawcę pozwalają na rejestrację środka Sivanto Energy w zakresie ochrony rzepaku ozimego przed chowaczem czterozębny, chowaczem brukwiaczką, chowaczem podobnikiem, pryszczarką kapustnikiem i przed słodyszką rzepakową oraz w zakresie ochrony rzepaku jarego przed słodyszką rzepakową, w trybie art. 33 rozporządzenia 1107/2009.
2. Nie przedłożono żadnych badań ze strefy NE i/lub krajów sąsiadujących z Polską i należących do innych stref EPPO, dotyczących zwalczania chowacza czterozębny, chowacza brukwiaczka, chowacza podobnika i pryszczarka kapustnika w rzepaku jarym. Nie ma zatem także podstaw do zastosowania ekstrapolacji (zgodnie z ustaleniami niezbędne jest w tym celu przedstawienie minimum 1 badania skuteczności). Z uwagi jednak na fakt, że rzepak jary to gatunek małoobszarowy, możliwa jest rejestracja tych zastosowań w trybie art. 51 rozporządzenia 1107/2009 (w treści etykiety wprowadzono propozycję ewentualnej zmiany trybu rejestracji).
3. Nie przedłożono również żadnych badań skuteczności ze strefy NE i/lub krajów sąsiadujących z Polską i należących do innych stref EPPO, wykonanych na gorczycy. Nie ma zatem także podstaw do zastosowania ekstrapolacji (zgodnie z ustaleniami niezbędne jest w tym celu przedstawienie minimum 1 badania skuteczności). Z uwagi jednak na fakt, że gorczyca to gatunek małoobszarowy, możliwa jest rejestracja tych zastosowań w trybie art. 51 rozporządzenia 1107/2009.
4. Środek Sivanto Energy w zwalczaniu słodyszki rzepakowej w rzepaku jarym oraz pryszczarka kapustnika w rzepaku ozimym wykazuje średni poziom zwalczania (szczegółowa ocena zawarta jest w części B3).
5. W ramach autokorekty wykonanej przez zRMS doprecyzowano zalecenia dotyczące maksymalnej liczby zabiegów w rzepaku ozimym, rzepaku jarym i w gorczycy, w celu ich uzgodnienia ze strategią anty-odpornościową, usunięto jedno z zaleceń strategii anty-odpornościowej zaproponowane przez

wnioskodawcę, gdyż nie odnosi się ono specyficznie do szkodników będących celem zwalczania wnioskowanego środka i może powodować dezorientację użytkownika, oraz dodano uwagę o dostosowaniu objętości cieczy do fazy rozwojowej rośliny, gdyż ze względu na strefowy charakter wniosku zaakceptowano stosunkowo szeroki zakres objętości wody.

6. Zmieniono brzmienie rozdziału OPIS DZIAŁANIA, korygując nieprawidłowe określenie aktywności środka w roślinie.
- ~~7. Poprawiono dawki wody dla poszczególnych zastosowań, uzgadniając wartości z danymi z metodyki poszczególnych badań jak i z wielkościami deklarowanymi przez wnioskodawcę w tabelach z metodyką dla każdego zastosowania, w części B3.~~
8. Zmieniono brzmienie rozdziału „Działania w celu ograniczenia ryzyka wystąpienia odporności”, wprowadzając prawidłowy opis substancji czynnych i dodając zagadnienia oraz usuwając jeden z akapitów, który wyrażał zalecenia ogólnie, w sposób nie odnoszący się wyraźnie do wnioskowanego preparatu. Treść tych zaleceń, wyraźnie w odniesieniu do środka Sivanto Energy, zawarto w dwóch z dodanych punktów tego rozdziału, w jego początkowej części.

Sekcja metody analityczne:

1. Brak uwag.

Sekcja toksykologia i istotność toksykologiczna metabolitów:

1. W części dotyczącej środków ostrożności dla osób stosujących środek, pracowników oraz osób postronnych zapis zmodyfikowano tak aby stanowił wypadkową klasyfikacji zagrożeń oraz szacowania narażenia (OPEX)
2. W części dotyczącej klasyfikacji zagrożeń zmodyfikowano zwrot P280 zgodnie zaakceptowaną klasyfikacją na podstawie badań toksykologicznych środka
3. W części dotyczącej klasyfikacji zagrożeń dodano zwrot H317 zgodnie zaakceptowaną klasyfikacją na podstawie badań toksykologicznych środka

Sekcja pozostałości:

1. Etykieta – instrukcja stosowania ~~nie została sprawdzona w zakresie pozostałości. ze względu na przekroczenia wartości NDP dla flupyradifuronu i jego metabolitu DFA. Na dzień dzisiejszy nie możliwe jest zaakceptowanie stosowania środka Sivanto Energy w ochronie rzepaku i gorczycy. Należy nadmienić, że obecnie trwają prace legislacyjne dotyczące zmiany wartości NDP m.in. dla roślin oleistych.~~
2. Ze względu na brak wystarczających danych nie należy stosować środka Sivanto Energy w ochronie rzepaku i gorczycy w okresie ich kwitnienia, czyli w fazach rozwojowych BBCH 60-69. Skorygowano w etykiecie zapis dotyczący terminu zabiegu, zmieniono fazy z BBCH 65-79 na BBCH 71-79.
3. Wykreślono zapis: „Na uprawach kwitnących roślin i tam gdzie występują kwitnące chwasty środek stosować wieczorem po zakończeniu oblotu roślin przez pszczoły i inne gatunki zapylające.”
Dodano następujący zapis: Środka Sivanto Energy nie stosować w okresie kwitnienia rzepaku i gorczycy (BBCH 61-69).
4. Wprowadzono do etykiety zapis dotyczący roślin uprawianych następco. „Okres od ostatniego zastosowania środka na rośliny do dnia, w którym można siać lub sadzić rośliny uprawiane następco: Nie dotyczy”.

Sekcja los i zachowanie w środowisku:

1. Brak uwag.

Sekcja ekotoksykologia:

1. Usunięto zwrot P273, gdyż zgodnie z Rozporządzeniem Parlamentu Europejskiego i Rady (WE) Nr 1272/2008 nie ma on zastosowania, gdy preparat jest przeznaczony do stosowania w warunkach polowych.
2. Dodano zwrot P501.
3. Zmieniono najpóźniejszą fazę do jakiej środek można stosować przed kwitnieniem.
4. Dodano zwroty dotyczące zarządzania ryzykiem dla organizmów wodnych, pszczoł i owadów niebędących celem zwalczania.
- ~~5. Projekt etykiety nie został sprawdzony pod kątem ekotoksykologii, gdyż ocena w tym zakresie nie mogła zostać zakończona na podstawie dostępnych danych.~~

Posiadacz zezwolenia:

Bayer SAS, 16 Rue Jean-Marie Leclair, 69009 Lyon, Republika Francuska,
tel. : 33 472 852 525, fax: 33 472 853 082.

Podmiot wprowadzający środek ochrony roślin na terytorium Rzeczypospolitej Polskiej:

Bayer Sp. z o.o., ul. Al. Jerozolimskie 158, 02-326 Warszawa, Rzeczpospolita Polska,
tel.: 22 572 35 00, fax: 22 572 36 03 www.agro.bayer.com.pl

Podmiot odpowiedzialny za końcowe pakowanie i etykietowanie środka ochrony roślin:

.....

SIVANTO ENERGY


Środek przeznaczony do stosowania przez użytkowników profesjonalnych.

Zawartość substancji czynnej:

flupyradifuron (substancja z grupy butenolidów) - 75 g/l (6,47%)

deltametryna (substancja z grupy pyretroidów) - 10 g/l (0,86%)

Zezwolenie MRiRW nr R- z dnia r.

	
Niebezpieczeństwo	
H302+H332 H318 H317 H410	Działa szkodliwie po połknięciu lub w następstwie wdychania. Powoduje poważne uszkodzenie oczu. Może powodować reakcję alergiczną skóry. Działa bardzo toksycznie na organizmy wodne, powodując długotrwałe skutki.
EUH401	W celu uniknięcia zagrożeń dla zdrowia ludzi i środowiska, należy postępować zgodnie z instrukcją użycia.
P273 P280 P304 + P340	Unikać uwolnienia do środowiska. Stosować ochronę oczu i ochronę twarzy. Stosować rękawice ochronne/ochronę oczu/ochronę twarzy. W PRZYPADKU DOSTANIA SIĘ DO DRÓG ODDECHOWYCH: wyprowadzić lub wynieść poszkodowanego na świeże powietrze i zapewnić mu warunki do swobodnego oddychania.
P305 + P351 + P338 P310 P391 P501	W PRZYPADKU DOSTANIA SIĘ DO OCZU: Ostrożnie płukać wodą przez kilka minut. Wyjąć soczewki kontaktowe, jeżeli są i można je łatwo usunąć. Nadal płukać. Natychmiast skontaktować się z OŚRODKIEM ZATRUĆ lub lekarzem Zebrać wyciek. Zawartość/pojemnik usuwać do recyklingu bądź składowania na składowiskach odpowiednich dla pestycydów lub spalania w odpowiednich instalacjach.

OPIS DZIAŁANIA

INSEKTYCYD w formie koncentratu do sporządzania emulsji wodnej (EC) o działaniu kontaktowym i żołądkowym. W roślinie działa powierzchniowo (deltametryna) i systemicznie (flupyradifuron).

Środek stosowany zgodnie z etykietą jest bezpieczny dla organizmów pożytecznych, spełnia wymogi integrowanej ochrony i integrowanej produkcji.

Zgodnie z klasyfikacją IRAC substancja czynna flupyradifuron zaliczana jest do grupy butenolidów - 4D, natomiast substancja czynna deltametryna zaliczana jest do grupy blokerów kanałów sodowych, IRAC 3A.

STOSOWANIE ŚRODKA

Środek przeznaczony do stosowania przy użyciu samobieżnych lub ciągnikowych opryskiwaczy polowych

Rzepak ozimy, ~~rzepak jary~~

Chowacz czterozębny, chowacz brukwiaczek

Maksymalna dawka dla jednorazowego zastosowania: 0,75 l/ha.

Zalecana dawka dla jednorazowego zastosowania: 0,75 l/ha.

Opryskiwać zgodnie z sygnalizacją, od fazy wzrostu pędu głównego do początku rozwoju pąków kwiatowych (BBCH 30-49).

Zalecana ilość wody: ~~200-600 l/ha~~ 250-300 200-600 l/ha

UWAGA: niższe dawki cieczy należy stosować we wcześniejszych fazach rozwojowych rośliny

Ślodyszek rzepakowy

Maksymalna dawka dla jednorazowego zastosowania: 0,75 l/ha.

Zalecana dawka dla jednorazowego zastosowania: 0,75 l/ha.

Opryskiwać po wystąpieniu szkodnika na roślinach, w fazie zwanego kwiatostanu, najpóźniej w fazie luźnego pąka kwiatowego (BBCH 50-~~57~~ 59).

Zalecana ilość wody: ~~200-600 l/ha~~ 250-300 200-600 l/ha

UWAGA: niższe dawki cieczy należy stosować we wcześniejszych fazach rozwojowych rośliny

Pryszczarek kapustnik, chowacz podobnik

Środek stosowany przeciwko pryszczarkowi kapustnikowi wykazuje średni poziom zwalczania.

Maksymalna dawka dla jednorazowego zastosowania: 0,5 l/ha.

Zalecana dawka dla jednorazowego zastosowania: 0,5 l/ha.

Zabieg wykonać **od początku formowania i rozwoju łuszczyn** ~~w początkowym okresie opadania płatków kwiatowych;~~ nie później niż do końca rozwoju owoców (90% łuszczyn osiąga typową wielkość) (BBCH ~~65~~ **71**-79).

Zalecana ilość wody: ~~200-600 l/ha~~ 250-400 200-600 l/ha

UWAGA: niższe dawki cieczy należy stosować we wcześniejszych fazach rozwojowych rośliny

Maksymalna liczba zabiegów w sezonie wegetacyjnym w rzepaku ozimym: 2

UWAGA: Dopuszczalne są maksymalnie dwie aplikacje środka, każda w odrębnym oknie zabiegowym i przeciwko innej grupie szkodników spośród trzech wymienionych grup, pod warunkiem, że nie będą to dwie aplikacje w sąsiadujących (kolejnych) oknach zabiegowych (patrz także strategia antyodpornościowa w rozdziale ŚRODKI OSTROŻNOŚCI).

Rzepak jary

Ślodyszek rzepakowy

Środek stosowany przeciwko ślodyszkowi rzepakowemu wykazuje średni poziom zwalczania.

Maksymalna dawka dla jednorazowego zastosowania: 0,75 l/ha.

Zalecana dawka dla jednorazowego zastosowania: 0,75 l/ha.

Opryskiwać po wystąpieniu szkodnika na roślinach, w fazie zwanego kwiatostanu, najpóźniej w fazie luźnego pąka kwiatowego (BBCH 50-~~57~~ 59).

Zalecana ilość wody: ~~200-600 l/ha~~ ~~250-300~~ 200-600 l/ha

UWAGA: niższe dawki cieczy należy stosować we wcześniejszych fazach rozwojowych rośliny

Maksymalna liczba zabiegów w sezonie wegetacyjnym w rzepaku jarym: 1 ²

STOSOWANIE ŚRODKA OCHRONY ROŚLIN W UPRAWACH I ZASTOSOWANIACH MAŁOObszarowych

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

Gorczyca

Słodyszek rzepakowy

Maksymalna dawka dla jednorazowego zastosowania: 0,75 l/ha.

Zalecana dawka dla jednorazowego zastosowania: 0,75 l/ha.

Opryskiwać po wystąpieniu szkodnika na roślinach, w fazie zwanego kwiatostanu, najpóźniej w fazie luźnego pąka kwiatowego (BBCH 50-~~57~~ ⁵⁹).

Zalecana ilość wody: 200-600 l/ha

UWAGA: niższe dawki cieczy należy stosować we wcześniejszych fazach rozwojowych rośliny

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 2 ¹

Rzepak jary

Chowacz czterozębny, chowacz brukwiaczek

Maksymalna dawka dla jednorazowego zastosowania: 0,75 l/ha.

Zalecana dawka dla jednorazowego zastosowania: 0,75 l/ha.

Opryskiwać zgodnie z sygnalizacją, od fazy wzrostu pędu głównego do początku rozwoju pąków kwiatowych (BBCH 30-49).

Zalecana ilość wody: 200-600 l/ha

Pryszczarek kapustnik, chowacz podobnik

Maksymalna dawka dla jednorazowego zastosowania: 0,5 l/ha.

Zalecana dawka dla jednorazowego zastosowania: 0,5 l/ha.

Zabieg wykonać **od początku formowania i rozwoju łuszczyn** w początkowym okresie opadania płatków kwiatowych, nie później niż do końca rozwoju owoców (90% łuszczyn osiąga typową wielkość) (BBCH ~~65~~ ⁷¹-79).

Zalecana ilość wody: 200-600 l/ha

UWAGA: niższe dawki cieczy należy stosować we wcześniejszych fazach rozwojowych rośliny

Maksymalna liczba zabiegów w sezonie wegetacyjnym: 2, w tym zabieg przeciwko słodyszkowi rzepakowemu (patrz rozdział STOSOWANIE ŚRODKA; rzepak jary)

UWAGA:

Zabiegi środkiem Sivanto Energy wykonać dokładnie, aby wszystkie części roślin były pokryte cieczą użytkową.

ŚRODKI OSTROŻNOŚCI, OKRESY KARENCJI I SZCZEGÓLNE WARUNKI STOSOWANIA

Okres od ostatniego zastosowania środka do dnia zbioru rośliny uprawnej (okres karencji):
Rzepak – 45 dni

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

ŚRODKI OSTROŻNOŚCI I ZALECENIA STOSOWANIA ZWIĄZANE Z DOBRĄ PRAKTYKĄ ROLNICZĄ

1. Działania w celu ograniczenia ryzyka wystąpienia odporności:

Środek zawiera substancję czynną flupyradifuron – modulator receptora nikotyno-acetylocholinowego (nAChR) należący do grupy 4D wg klasyfikacji IRAC, (butenolidy), oraz deltametrynę – modulator kanałów sodowych należący do grupy 3A, wg IRAC (pyretroidy).

~~związek z grupy butenolidów, (insektycydy współdziałające z nikotynowymi receptorami acetylocholino (nAChR) – grupa IRAC 4D) oraz deltametrynę, związek z grupy pyretroidów (wg IRAC grupa 3A – substancje działające na układ nerwowy owada – modulatory kanałów sodowych).~~

W celu zapobiegania wystąpieniu odporności w populacji szkodników rzepaku zwalczanych środkiem Sivanto Energy, należy przestrzegać następujących zasad:

- maksymalna liczba zabiegów środkiem Sivanto Energy w jednym sezonie wegetacyjnym wynosi 2,
- w wypadku gdy wymagana jest większa liczba zabiegów, należy użyć środków zawierających substancje aktywne z innych grup klasyfikacji IRAC, wykazujące inny mechanizm działania owadobójczego,
- po zastosowaniu Sivanto Energy nie należy nigdy używać do kolejnego zabiegu środka zawierającego substancje z grup IRAC 3A lub 4D. Zamiast nich, w kolejnym zabiegu należy użyć środka z substancją z jednej z następujących grup: 1B, 4A, 9B, lub 22A,
- kolejne pokolenia szkodnika powinny być zwalczane insektycydami należącym do innej grupy chemicznej i o innym mechanizmie działania, szczególnie gatunki wykazujące wysokie ryzyko powstawania odporności (np. szkodniki mające wiele pokoleń w roku),
- należy unikać stosowania dawek niższych niż zamieszczone na etykiecie, zarówno w przypadku zabiegu pojedynczo jak i w mieszaniu środków,
- **w przypadku konieczności zastosowania insektycydu należącego do grupy IRAC 4D przeciwko różnym gatunkom szkodników w tym samym momencie należy zastosować dawkę zalecaną dla stosowania przeciwko gatunkowi szkodnika trudniejszego w zwalczaniu;**
- jeśli to możliwe, stosować kilka metod programu integrowanej ochrony przed szkodnikami,
- w przypadku stwierdzenia wystąpienia odporności na insektycydy należące do grupy IRAC 4D należy zaprzestać stosowania insektycydów o takim samym mechanizmie działania.

~~Każdy środek owadobójczy może z czasem stać się mniej skuteczny jeśli zwalczane szkodniki rozwiną odporność na mechanizm działania jego substancji czynnej. Przestrzeganie poniższych zaleceń pomoże zapewnić długotrwałą przydatność produktów owadobójczych:~~

- ~~– niezmiennie stosowanie jednej substancji czynnej lub substancji czynnych z tej samej grupy przyspiesza rozwój odporności – zaleca się stosowanie go naprzemiennie z innymi środkami owadobójczymi, zawierającymi substancje czynne z innych grup, o odmiennych mechanizmach działania;~~

SPORZĄDZANIE CIECZY UŻYTKOWEJ

Przed przystąpieniem do sporządzania cieczy użytkowej dokładnie ustalić potrzebną jej ilość. Odmierzoną ilość środka wlać do zbiornika opryskiwacza napełnionego do połowy wodą, uzupełnić do potrzebnej ilości i dokładnie wymieszać. Puste opakowanie należy ręcznie przepłukać wodą (kolejno trzykrotnie, potrząsając pojemnikiem) lub korzystając z systemu czyszczenia przy użyciu strumienia wody pod ciśnieniem, jeśli system taki znajduje się na opryskiwaczu. Popłuczyny należy wlać do

zbiornika opryskiwacza. Środek pozostały po przeprowadzeniu oprysku należy co najmniej 10-krotnie rozcieńczyć i wypryskać na powierzchni uprzednio opryskiwanej, stosując te same środki ochrony osobistej.

POSTĘPOWANIE Z RESZTKAMI CIECZY UŻYTKOWEJ I MYCIE APARATURY

Resztki cieczy użytkowej należy:

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

Po pracy aparaturę dokładnie wymyć.

ŚRODKI OSTROŻNOŚCI DLA OSÓB STOSUJĄCYCH ŚRODEK, PRACOWNIKÓW ORAZ OSÓB POSTRONNYCH

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

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

Unikać wdychania rozpylonej cieczy.

~~Stosować rękawice ochronne i odzież roboczą (zastosowania polowe) lub odzież ochronną zabezpieczającą przed oddziaływaniem środków ochrony roślin (zastosowanie w szklarniach) w trakcie przygotowywania cieczy użytkowej oraz w trakcie wykonywania zabiegu.~~

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

~~Stosować rękawice ochronne podczas wkraczania na obszar poddany zabiegowi.~~

Zanieczyszczonej odzieży ochronnej nie wnosić poza miejsce pracy.

Zanieczyszczoną odzież zdjąć i wyprać przed ponownym użyciem.

Okres od zastosowania środka do dnia, w którym na obszar, na którym zastosowano środek mogą wejść ludzie oraz zostać wprowadzone zwierzęta (okres prewencji):
nie wchodzić do czasu całkowitego wyschnięcia cieczy użytkowej na powierzchni roślin.

ŚRODKI OSTROŻNOŚCI ZWIĄZANE Z OCHRONĄ ŚRODOWISKA NATURALNEGO

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

W przypadku stosowania środka w rzepaku ozimym w dawce 2x0,75 l/ha z odstępem 14 dni, w celu ochrony organizmów wodnych konieczne jest wyznaczenie zadarnionej strefy ochronnej o szerokości 20 m od zbiorników i cieków wodnych w połączeniu z redukcją znosu z chmurą oprysku o 75% za pomocą odpowiednich technik antyznoszeniowych.

W przypadku stosowania środka w rzepaku ozimym w dawce 2x0,50 l/ha z odstępem 14 dni, w celu ochrony organizmów wodnych konieczne jest wyznaczenie strefy ochronnej o szerokości 20 m (w tym 10 m zadarnionej strefy ochronnej) od zbiorników i cieków wodnych w połączeniu z redukcją znosu z chmurą oprysku o 50% za pomocą odpowiednich technik antyznoszeniowych.

W przypadku stosowania środka w rzepaku jarym w dawce 2x0,75 l/ha z odstępem 14 dni, w celu ochrony organizmów wodnych konieczne jest wyznaczenie strefy ochronnej o szerokości 20 m (w tym

10 m zadarnionej strefy ochronnej) od zbiorników i cieków wodnych w połączeniu z redukcją znosu z chmurą oprysku o 75% za pomocą odpowiednich technik antyznoszeniowych.

W przypadku stosowania środka w rzepaku jarym w dawce 2x0,50 l/ha z odstępem 14 dni, w celu ochrony organizmów wodnych konieczne jest wyznaczenie strefy ochronnej o szerokości 20 m (w tym 10 m zadarnionej strefy ochronnej) od zbiorników i cieków wodnych w połączeniu z redukcją znosu z chmurą oprysku o 50% za pomocą odpowiednich technik antyznoszeniowych.

W przypadku stosowania środka w rzepaku ozimym i jarym w dawce 2x0,75 l/ha, w celu ochrony organizmów wodnych konieczne jest wyznaczenie strefy ochronnej o szerokości 20 m (w tym 10 m zadarnionej strefy ochronnej) od zbiorników i cieków wodnych w połączeniu z redukcją znosu z chmurą oprysku o 75% za pomocą odpowiednich technik antyznoszeniowych.

W celu ochrony owadów niebędących celem zwalczania:

1. W przypadku stosowania środka w rzepaku ozimym i jarym w dawce 2x0,75 l/ha z odstępem 14 dni konieczne jest:

- wyznaczenie strefy ochronnej o szerokości 10 m od terenów nieużytkowanych rolniczo, lub
- wyznaczenie strefy ochronnej o szerokości 5 m od terenów nieużytkowanych rolniczo z jednoczesną redukcją znosu z chmurą oprysku o 50% za pomocą odpowiednich technik antyznoszeniowych, lub
- redukcja znosu z chmurą oprysku o 90% za pomocą odpowiednich technik antyznoszeniowych.

2. W przypadku stosowania środka w rzepaku ozimym i jarym w dawce 2x0,75 l/ha z odstępem 14 dni konieczne jest:

- wyznaczenie strefy ochronnej o szerokości 5 m od terenów nieużytkowanych rolniczo, lub
- redukcja znosu z chmurą oprysku o 90% za pomocą odpowiednich technik antyznoszeniowych.

Uwaga:

W celu ochrony pszczół ostatni zabieg przed kwitnieniem wolno wykonać nie później niż w fazie BBCH 57, lecz nie mniej niż 10 dni przed początkiem kwitnienia (BBCH 60). Termin zabiegu należy zatem ustalić biorąc pod uwagę spodziewaną liczbę dni do kwitnienia, oszacowaną na podstawie spodziewanego przebiegu pogody, cech odmianowych, oraz fazy rozwojowej rzepaku w dniu podejmowania decyzji.

Środka nie wolno stosować w czasie kwitnienia rośliny uprawnej (BBCH 60-69).

Nie stosować, gdy w roślinie uprawnej występują kwitnące chwasty.

Niezależnie od fazy rozwojowej rośliny uprawnej, środek stosować wieczorem by zapobiec narażeniu na znos środka z chmurą oprysku pszczół i innych gatunków zapylających żerujących poza opryskiwanym polem.

W celu ochrony pszczół i innych owadów zapylających nie stosować środka na rośliny pokryte spadzią.

~~Na uprawach kwitnących roślin i tam gdzie występują kwitnące chwasty środek stosować wieczorem po zakończeniu oblotu roślin przez pszczoły i inne gatunki zapylające.~~

Środka Sivanto Energy nie stosować w tym okresie w mieszaninach z fungicydami z grup: triazoli, pirydyn, pirymidyn i piperazyn (grupa IBE -inhibitory biosyntezy ergosterolu klasy I - inhibitory demetylacji, grupa 3 wg klasyfikacji FRAC).

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.

Chronić przed mrozem.

Chronić przed bezpośrednim dostępem promieni słonecznych.

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 przypadku awarii lub jeśli źle się poczujesz, niezwłocznie zasięgnij porady lekarza – jeżeli to możliwe, pokaż etykietę.

W przypadku dostania się do dróg oddechowych: wyprowadzić lub wynieść poszkodowanego na świeże powietrze i zapewnić mu warunki do swobodnego oddychania.

W przypadku złego samopoczucia skontaktować się z ośrodkiem zatruc lub lekarzem.

W przypadku kontaktu ze skórą: Umyć dużą ilością wody lub wody z mydłem.

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

Okres ważności - 2 lata

Data produkcji -

Zawartość netto -

Nr partii

Appendix 3 Letter of Access

Deltamethrin and flupyradifurone are owned by Bayer and no access to third party data is required.

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 GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.1 / 01 ... also filed: KCP 2.4 / 01 KCP 2.5 / 01 KCP 2.6 / 01 KCP 2.8.2 / 01 KCP 2.8.6 / 01	Hennig-Gizewski, S.	2015	Physical, chemical and technical properties of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Final report Report No.: FM0239(PCF00)G01, Edition Number: M-513765-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 2.2 / 01 ... also filed: KCP 2.3 / 01	Keldenich, H. P.	2015	Safety-relevant data of deltamethrin + flupyradifurone EC 85 (10+75 g/L) Report No.: 2014/00975, Edition Number: M-518123-01-1 Bayer Technology Services GmbH, Leverkusen, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 2.3 / 01 ... also filed: KCP 2.2 / 01	Keldenich, H. P.	2015	Safety-relevant data of deltamethrin + flupyradifurone EC 85 (10+75 g/L) Report No.: 2014/00975, Edition Number: M-518123-01-1 Bayer Technology Services GmbH, Leverkusen, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 2.4 / 01 ... also filed: KCP 2.1 / 01 KCP 2.5 / 01 KCP 2.6 / 01 KCP 2.8.2 / 01 KCP 2.8.6 / 01	Hennig-Gizewski, S.	2015	Physical, chemical and technical properties of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Final report Report No.: FM0239(PCF00)G01, Edition Number: M-513765-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 2.5 / 01 ... also filed: KCP 2.1 / 01 KCP 2.4 / 01 KCP 2.6 / 01 KCP 2.8.2 / 01 KCP 2.8.6 / 01	Hennig-Gizewski, S.	2015	Physical, chemical and technical properties of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Final report Report No.: FM0239(PCF00)G01, Edition Number: M-513765-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.6 / 01 ... also filed: KCP 2.1 / 01 KCP 2.4 / 01 KCP 2.5 / 01 KCP 2.8.2 / 01 KCP 2.8.6 / 01	Hennig- Gizewski, S.	2015	Physical, chemical and technical properties of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Final report Report No.: FM0239(PCF00)G01, Edition Number: M-513765-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 2.7 / 01	Rexer, K.	2016	Storage stability at elevated temperature and cold stability of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Packaging material: COEX/EVOH - Final report (14 days) - 1. Amendment Report No.: FM0239(ACF03)N01, Edition Number: M-523981-02-1 Bayer CropScience AG, Monheim, Germany ... amended: 2016-10-07 GLP/GEP: No unpublished	No	No		Bayer
KCP 2.7 / 02	Rexer, K.	2016	Storage stability at elevated temperature and cold stability of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Packaging material: COEX/PA - Final report (14 days) - 1. Amendment Report No.: FM0239(ACF02)N01, Edition Number: M-523979-02-1 Bayer CropScience AG, Monheim, Germany ... amended: 2016-10-07 GLP/GEP: No unpublished	No	No		Bayer
KCP 2.7 / 03	Rexer, K.	2017	Shelf life of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Packaging material: COEX/EVOH - Final report (2 years) Report No.: FM0239(SLF03)N01, Edition Number: M-579373-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 2.7 / 04	Rexer, K.	2017	Shelf life of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Packaging material: COEX/PA - Final report (2 years) Report No.: FM0239(SLF02)N01, Edition Number: M-579371-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 2.8.2 / 01 ... also filed: KCP 2.1 / 01 KCP 2.4 / 01 KCP 2.5 / 01 KCP 2.6 / 01 KCP 2.8.6 / 01	Hennig- Gizewski, S.	2015	Physical, chemical and technical properties of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Final report Report No.: FM0239(PCF00)G01, Edition Number: M-513765-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 2.8.6 / 01 ... also filed: KCP 2.1 / 01 KCP 2.4 / 01 KCP 2.5 / 01 KCP 2.6 / 01 KCP 2.8.2 / 01	Hennig- Gizewski, S.	2015	Physical, chemical and technical properties of deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Final report Report No.: FM0239(PCF00)G01, Edition Number: M-513765-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 4.2.1/01	H. Schaffrath/D. Krüger	2020	Compatibility Testing of Hostalen GF 4750 in DLT+FPF EC 10+75 according to Laboratory Methods A, B1, and C1, Test period: July 15, 2020 – September 16, 2020 Report No.: M-770245-01-2 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No Yes		Bayer
KCP 4.2.1/02 KCP 2.4.2/02	Zhang Y.	2021	Statement to the requests of the authorities of Poland on Physicochemical properties of Sivanto Energy. Report No.: M-770383-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No Yes		Bayer
KCP 4.2.2/01	Friessleben, R.	2008	Summary and conclusive report of studies on spray tank cleaning realized in the years 2000 – 2008 Report No.: M-357166-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	Yes		Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.1 / 01	Michel, A.	2014	Determination of deltamethrin and flupyradifurone in formulations - Assay - HPLC, external standard Report No.: AM023614MF1, Edition Number: M-485797-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.1 / 02	Kienow, A.; Michel, A.	2014	Validation of HPLC-method AM023614MF1 - Determination of deltamethrin and flupyradifurone in formulations - deltamethrin + flupyradifurone EC 85 (10+75 g/L) Report No.: VB1-AM023614MF1, Edition Number: M-485798-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.2.1 / 01 ... also filed: KCP 5.2.4 / 01	Brumhard, B.	2005	Analytical method 00877 for the determination of total residues of deltamethrin (AE F032640) in / on soil and sediment by HPLC-MS/MS Report No.: C047210, Edition Number: M-247896-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science. Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.1 / 02 ... also filed: KCP 5.2.4 / 02	Brumhard, B.	2009	Analytical method 00877 for the determination of total residues of Deltamethrin (AE F032640) in/on soil and sediment by HPLC-MS/MS Report No.: 00877, Edition Number: M-246580-02-1 Method Report No.: MR-081/04 Bayer CropScience AG, Monheim, Germany ... amended: 2009-03-31 GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science. Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.1 / 03 ... also filed: KCP 5.2.4 / 03	Freitag, T.	2013	Analytical method 01358 for the determination of cis-deltamethrin in soil by HPLC-MS/MS Report No.: MR-13/002, Edition Number: M-451547-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; new improved method for enforcement according to the latest science Data/study report never submitted before to Poland	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.1 / 04 ... also filed: KCP 5.2.5 / 01	Krebber, R.; Braune, M.	2013	Analytical method 01383 for the determination of deltamethrin in drinking and surface water by HPLC-MS/MS Report No.: MR-13/053, Edition Number: M-464818-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; new improved method for enforcement according to the latest science Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.1 / 05 ... also filed: KCP 5.2.5 / 02	Stanislawski, T.	2013	Independent laboratory validation of BCS analytical method no. 01383 for the determination of deltamethrin in surface water, using LC/MS/MS Report No.: P 3021 G, Edition Number: M-471762-01-1 PTRL Europe GmbH, Ulm, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; ILV of the new proposed enforcement method according to the latest science Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.1 / 06 ... also filed: KCP 5.2.5 / 03	Brumhard, B.	2005	Analytical method 00886 for the determination of total residues of deltamethrin (AE F032640) in surface water by HPLC-MS/MS Report No.: C047388, Edition Number: M-248040-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.1 / 07 ... also filed: KCP 5.2.5 / 04	Krebber, R.; Braune, M.	2007	Modification M001 of analytical method 00886 for the determination of total residues of deltamethrin (AE F032640) in surface water by HPLC-MS/MS Report No.: 00886/M001, Edition Number: M-291746-01-1 Method Report No.: MR-07/296 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.2.5 / 01	Lakaschus, S.; Winter, O.	2009	Validation of BCS Method 00855/M004 for the Determination of cis-deltamethrin, trans-deltamethrin and alpha-R-deltamethrin in foodstuff of plant origin Report No.: 00855/M004, Edition Number: M-356934-01-1 Method Report No.: BAY-0904V Eurofins Analytik GmbH, Dr. Specht Laboratorien, Hamburg, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science to support also the representative uses Data/study report never submitted before to Poland	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.5 / 02 ... also filed: KCA 6.3.1.1 / 01	Schulte, G.	2017	Amendment no. 1: Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in France (North), Germany and Belgium Report No.: 15-2132, Edition Number: M-578527-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2017-05-03 GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.5 / 03 ... also filed: KCA 6.3.1.1 / 02	Kaussmann, M.; Kerkering, S.	2018	Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in Germany, Belgium and northern France Report No.: 16-2044, Edition Number: M-641044-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.5 / 04	Schoening, R.; Willmes, J.	2014	Cross validation of extraction methods for the determination of residues of deltamethrin in plant materials by HPLC-MS/MS Report No.: MR-14/012, Edition Number: M-481952-02-1 Bayer CropScience AG, Monheim, Germany ... amended: 2014-04-11 GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.2.5 / 05 ... also filed: KCA 6.1 / 02	Lakaschus, S.; Gizler, A.	2017	Amendment no. 3 to final report - 7 days freezer storage stability study with different combinations of a total of 61 analytes (parent and metabolite molecules) and five matrix types (high water / acidic / starch / protein / oil) Report No.: S13-03307, Edition Number: M-480441-06-1 Eurofins Agrosience Services Chem GmbH (EAS Chem), Hamburg, Germany ... amended: 2017-08-16 GLP/GEP: Yes unpublished	No	Yes	To cover samples stored at increased temperatures Data/study report never submitted before to Poland	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.5 / 06 ... also filed: KCP 5.2.3 / 01	Krebber, R.	2009	Analytical method 01127 for the determination of cyfluthrin and deltamethrin in blood by HPLC-MS/MS Report No.: MR-08/176, Edition Number: M-348630-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I listing; required method improved according to the latest science Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.5 / 07 ... also filed: KCA 6.3.1.1 / 04	Miara, C.; Nayyar, B.; Kowalski, N.	2018	Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in Spain and Portugal Report No.: 16-2169, Edition Number: M-645539-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.5 / 08 ... also filed: KCA 6.3.1.1 / 03	Miara, C.; Nayyar, B.; Kowalski, N.	2018	Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in Spain, Portugal, southern France and Italy Report No.: 16-2131, Edition Number: M-643446-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.5 / 09 ... also filed: KCA 6.6.2 / 01	Freitag, T.	2018	Determination of the residues of BYI 02960 in/on potato and soil after spraying of BYI 02960 SL 200 in the field in Germany, the Netherlands, Italy and Spain Report No.: 16-2510, Edition Number: M-613149-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCP 5.1.2.5 / 10 ... also filed: KCA 6.6.2 / 02	Freitag, T.; Effertz, C.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop rape and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Belgium and the Netherlands - Final report Report No.: 16-2511, Edition Number: M-617178-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-12-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer

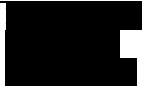
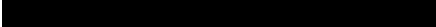
Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.5 / 11 ... also filed: KCA 6.6.2 / 03	Kaussmann, M.; van Berkum, S.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop rape and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Italy and Portugal Report No.: 16-2521, Edition Number: M-613466-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-12-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCP 5.1.2.5 / 12 ... also filed: KCA 6.6.2 / 04	Freitag, T.; Kaussmann, M.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop barley and soil after spray application of BYI 02960 SL 200 to bare soil in the field in United Kingdom and the Netherlands Report No.: 16-2512, Edition Number: M-612254-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCP 5.1.2.5 / 13 ... also filed: KCA 6.6.2 / 07	Freitag, T.; van Berkum, S.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop maize/corn and soil after spray application of BYI 02960 SL 200 to bare soil in the field in France (South) and Portugal - Final report Report No.: 16-2524, Edition Number: M-617943-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCP 5.1.2.5 / 14 ... also filed: KCA 6.6.2 / 08	Freitag, T.; Hoffmeister, R.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop strawberry and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Belgium and the Netherlands Report No.: 16-2515, Edition Number: M-617563-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.5 / 15 ... also filed: KCA 6.6.2 / 10	Freitag, T.; Effertz, C.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop cauliflower, broccoli and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Belgium, the Netherlands, Italy and Spain Report No.: 16-2516, Edition Number: M-617941-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-09-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCP 5.1.2.5 / 16 ... also filed: KCA 6.5.3 / 01	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on soybean processed commodities Report No.: RARVY029, Edition Number: M-428939-01-2 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCP 5.1.2.5 / 17 ... also filed: KCA 6.5.3 / 02	Lenz, C.; Beedle, E.	2012	BYI 02960 200 SL - Magnitude of the residue in cotton processed commodities (crop subgroup 20C) Report No.: RARVY033, Edition Number: M-433122-01-1 Bayer Corporation, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCP 5.1.2.5 / 18 ... also filed: KCA 6.5.3 / 03	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on potato processed commodities Report No.: RARVY038, Edition Number: M-430542-01-2 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCP 5.1.2.5 / 19 ... also filed: KCA 6.5.3 / 04	Freitag, T.; Hoffmeister, R.	2016	Determination of the residues of BYI 02960 in/on potato and the processed fractions (tuber, washed; peel washed; tuber, peeled; tuber, cooked; tuber with peel, cooked; fibre; pulp, dry; starch; waste; waste, dried; flakes; and crisps (Am.: chips)) after spray application of BYI 02960 SL 200 in the field in Germany and the Netherlands Report No.: 13-3149, Edition Number: M-546878-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.5 / 20 ... also filed: KCA 6.5.3 / 05	Schulte, G.; Ruhl, S.	2012	Processing study - Determination of the residues of BYI 02960 in/on spring barley and the processed fractions (malt sprouts; brewer's malt; brewer's grain, hops draff; brewer's yeast; beer; pearl barley; pearl barley rub off) after spraying of BYI 02960 SL 200 in the field in Germany Report No.: 10-3410, Edition Number: M-439853-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCP 5.1.2.5 / 21 ... also filed: KCA 6.5.3 / 06	Schulte, G.; Bauer, J.	2012	Processing study - Determination of the residues of BYI 02960 in/on wheat and the processed fractions (semolina; semolina bran; whiteflour bran; white flour; white bread; whole meal; wholemeal bread and wheat germ) after spraying of BYI 02960 SL 200 in the field in Germany Report No.: 10-3409, Edition Number: M-440307-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCP 5.1.2.5 / 22 ... also filed: KCA 6.5.3 / 07	Lenz, C.; Fischer, D. R.	2012	BYI 02960 200 SL - Magnitude of the residue in/on wheat processed commodities Report No.: RARVY031, Edition Number: M-427047-01-2 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCP 5.1.2.5 / 23 ... also filed: KCA 6.5.3 / 08	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on field corn processed commodities Report No.: RARVY030, Edition Number: M-424774-01-1 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCP 5.1.2.5 / 24	Schoening, R.; Willmes, J.	2014	Modification M001 of the analytical method 01304 for the determination of residues of BYI 02960 and its metabolites in plant materials by HPLC-MS/MS Report No.: 01304/M001, Edition Number: M-476845-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization but registration based on this report not yet granted	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.5 / 25	Block, H.	2016	Final report amendment no. 2 to study 15-2109 / S15-01020 - Determination of the residues of flupyradifurone (BYI 02960) in/on spring oilseed rape after seed dressing with BYI 02960 FS 480 in Poland, Denmark and Germany Report No.: 15-2109, Edition Number: M-546226-03-1 Eurofins Agrosience Services GmbH, Stade, Germany ... amended: 2016-04-22 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization but registration based on this report not yet granted	Bayer
KCP 5.1.2.5 / 26 ... also filed: KCA 6.1 / 03	Winter, O.; Amann, S.; Giesler, W.	2018	Storage stability of deltamethrin and flupyradifurone in oilseed rape (seed and straw) Report No.: S17-05312, Edition Number: M-626405-01-1 Eurofins Agrosience Services Chem GmbH, Hamburg, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.5 / 27	Kormos, T.	2017	An analytical method for the determination of residues of difluoroacetic acid in animal matrices using LC/MS/MS Report No.: RV-006-A17-01, Edition Number: M-589558-01-1 Bayer CropScience LP, RTP, NC, USA GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.2.5 / 28 ... also filed: KCA 6.1 / 04 KCA 6.4.1 / 01	██████	2017	Difluoroacetic acid - Magnitude of the residue in laying hens Report No.: RARVN150, Edition Number: M-611007-01-1 Bayer CropScience LP, ██████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization but registration based on this report not yet granted	Bayer
KCP 5.1.2.5 / 29 ... also filed: KCA 6.4.2 / 01	██████	2017	Difluoroacetic acid - Magnitude of the residue in dairy cows Report No.: RARVN149, Edition Number: M-608471-01-1 Bayer CropScience ██████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization but registration based on this report not yet granted	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.6 / 01 ... also filed: KCP 10.2.1 / 01	[REDACTED]	2001	Acute toxicity to Oncorhynchus mykiss (rainbow trout) AE F108565 (metabolite of deltamethrin) substance, pure Code: AE F108565 00 1B99 0001 Report No.: C010902, Edition Number: M-199816-01-1 [REDACTED] GLP/GEP: Yes unpublished	Yes	Yes	New study with the metabolite AE F108565 (Br2CA) to complete the aquatic data package Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.6 / 02	[REDACTED]	2000	Static-renewal acute toxicity to Oncorhynchus mykiss (rainbow trout) Deltamethrin emulsifiable concentrate 100 g/L Code: AE F032640 00 EC11 A308 Report No.: C007498, Edition Number: M-196047-01-1 [REDACTED] GLP/GEP: Yes unpublished	Yes	Yes	Data/study report already submitted before to Poland registration based on this report granted in 2011 (Patriot 100 EC – reg nr R-59/2011) Protection still valid	Bayer
KCP 5.1.2.6 / 03	Freitag, T.; Koch, V.	2011	Analytical method 01306 for the determination of deltamethrin and the metabolites a-R-deltamethrin and trans-deltamethrin in sediment by HPLC-MS/MS Report No.: MR-10/154, Edition Number: M-418179-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.2.6 / 04	Bruns, E.	2012	Chironomus riparius 28-day chronic toxicity test with deltamethrin (tech.) in a water-sediment system using spiked sediment Report No.: EBDAL036, Edition Number: M-425202-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	New study to complete the aquatic data package addressing sediment exposure Data/study report never submitted before to Poland	Bayer
KCP 5.1.2.6 / 05	Braune, M.	2011	Method 01307 for the determination of deltamethrin, á-R-isomer of deltamethrin and trans-isomer of deltamethrin in test water from aquatic toxicity tests by HPLC-MS/MS Report No.: 01307, Edition Number: M-410093-01-1 Method Report No.: MR-10/162 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.6 / 06 ... also filed: KCP 10.2.1 / 02	Sowig, P.; Gosch, H.	2001	Acute toxicity to Daphnia magna (Waterflea) AE F108565 (Metabolite of deltamethrin) substance, pure Code: AE F108565 00 1B99 0001 Report No.: C010889, Edition Number: M-199793-01-1 Aventis CropScience GmbH, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.1.2.6 / 07	Sowig, P.; Gosch, H.; Weller, O.	2000	Acute toxicity to Daphnia magna (waterflea) Deltamethrin emulsifiable concentrate 100 g/L Code: AE F032640 00 EC11 A308 Report No.: C006590, Edition Number: M-194240-01-1 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland registration based on this report granted in 2011 (Patriot 100 EC – reg nr R-59/2011) Protection still valid	Bayer
KCP 5.1.2.6 / 08	Weller, O.; Gosch, H.; Sowig, P.	2000	Algal growth inhibition - Pseudokirchneriella subcapitata Deltamethrin emulsifiable concentrate 100 g/L Code: AE F032640 00 EC11 A308 Report No.: C007531, Edition Number: M-196114-01-1 Aventis CropScience GmbH, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland registration based on this report granted in 2011 (Patriot 100 EC – reg nr R-59/2011) Protection still valid	Bayer
KCP 5.1.2.6 / 09 ... also filed: KCP 10.2.3 / 02		2005	Biological effects and fate of deltamethrin EW 015 in outdoor mesocosm ponds Report No.: HBF/BT 07, Edition Number: M-246137-01-2  GLP/GEP: Yes unpublished	Yes	No	Mesocosm study simulating fate after drift entry to surface water and simulating drift entry to surface water to support risk assessment for aquatic invertebrates Data/study report submitted before to Poland registration based on this report granted in 2009 (Decis2,5EC)	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.6 / 10	Brumhard, B.; Loehrwald, K.H.	2007	Analysis of deltamethrin concentrations in sediment samples of ECT study no. P1MA Report No.: MR-07/297, Edition Number: M-291818-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Accompanying residue analysis for higher tier study on Asellus aquaticus (M-291885-02-1) Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.1.2.6 / 11	Krebber, R.; Braune, M.	2007	Analysis of deltamethrin concentrations in water samples of ECT study no. P1MA Report No.: MR-07/295, Edition Number: M-291848-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Accompanying residue analysis for higher tier study on Asellus aquaticus (M-291885-02-1) Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.1.2.6 / 12	Schoening, R.; Willmes, J.	2013	Residue analytical method 01347 for the determination of residues of deltamethrin by HPLC with electrospray and MS/MS - detection Report No.: MR-012/067, Edition Number: M-444791-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.2.6 / 13	Schoening, R.; Willmes, J.	2013	Determination of deltamethrin in feeding solutions from a 10d continuous honeybee feeding study (Study Number: S13-00151; Eurofins) Report No.: MR-13/135, Edition Number: M-469484-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.1.2.6 / 14	Giddings, J. M.; Bayne, M. C. R.; Mitchell, K. L.; Shepherd, S. P.	1990	LX165-08 (deltamethrin technical) - Toxicity to the freshwater green alga, Selenastrum capricornutum Report No.: A47090, Edition Number: M-131038-01-1 Springborn Laboratories, Inc. (SLS), USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.1.2.6 / 15	Krebber, R.; Sandau, C.	2010	Method 01182 for the determination of BYI 02960 in test water from aquatic toxicity tests by HPLC-MS/MS Report No.: 01182, Edition Number: M-363959-01-1 Method Report No.: MR-10/002 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 5.1.2.6 / 16	Schoening, R.; Koester, P.	2011	Modification M001 of the analytical method 01206 for the determination of residues of BYI 02960 and Difluoroethylaminofuranone by HPLC with electrospray and MS/MS - detection Report No.: 01206/M001, Edition Number: M-404877-01-1 Method Report No.: MR-10/137 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCP 5.2.1 / 01	Weber, H.	2009	Validation of enforcement method DFG S19 (L 00.00-34) (BCS method ID 00086/M089) for the determination of cis-deltamethrin (AE F032640) in/on foodstuff of plant origin Report No.: S09-00553, Edition Number: M-351076-01-1 Eurofins Analytik GmbH, Dr. Specht Laboratorien, Hamburg, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19 Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.2.1 / 02	Merdian, H.	2009	Independent laboratory validation of the DFG method S19 (BCS method 00086/M089) for the determination of residues of cis-deltamethrin (AE F032640) in plant materials, using GC/MS Report No.: P/B 1681 G, Edition Number: M-356306-01-1 PTRL Europe GmbH, Ulm, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19 Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.2.2 / 01	Weber, H.	2009	Validation of enforcement method DFG S19 (L 00.00-34) (BCS method ID 00086/M090) for the determination of residues cis-deltamethrin (AE F032640) in/on foodstuff of animal origin Report No.: S09-00551, Edition Number: M-351080-01-1 Eurofins Analytik GmbH, Dr. Specht Laboratorien, Hamburg, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19 Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.2.2 / 02	Merdian, H.	2009	Independent laboratory validation of the DFG method S19 (BCS method 00086/M089) for the determination of residues of cis-deltamethrin (AE F032640) in foodstuffs of animal origin, using GC/MS Report No.: P/B 1682 G, Edition Number: M-356331-01-1 PTRL Europe GmbH, Ulm, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19 Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.2.3 / 01 ... also filed: KCP 5.1.2.5 / 06	Krebber, R.	2009	Analytical method 01127 for the determination of cyfluthrin and deltamethrin in blood by HPLC-MS/MS Report No.: MR-08/176, Edition Number: M-348630-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I listing; required method improved according to the latest science Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.2.3 / 02	Kaussmann, M.	2016	Analytical method 01495 for the determination of various pesticides and selected pesticide metabolites in blood plasma by HPLC-MS/MS Report No.: 01495, Edition Number: M-570324-01-1 Method Report No.: P683166506 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 5.2.4 / 01 ... also filed: KCP 5.1.2.1 / 01	Brumhard, B.	2005	Analytical method 00877 for the determination of total residues of deltamethrin (AE F032640) in / on soil and sediment by HPLC-MS/MS Report No.: C047210, Edition Number: M-247896-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science. Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.2.4 / 02 ... also filed: KCP 5.1.2.1 / 02	Brumhard, B.	2009	Analytical method 00877 for the determination of total residues of Deltamethrin (AE F032640) in/on soil and sediment by HPLC-MS/MS Report No.: 00877, Edition Number: M-246580-02-1 Method Report No.: MR-081/04 Bayer CropScience AG, Monheim, Germany ... amended: 2009-03-31 GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science. Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 5.2.4 / 03 ... also filed: KCP 5.1.2.1 / 03	Freitag, T.	2013	Analytical method 01358 for the determination of cis-deltamethrin in soil by HPLC-MS/MS Report No.: MR-13/002, Edition Number: M-451547-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; new improved method for enforcement according to the latest science Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.2.5 / 01 ... also filed: KCP 5.1.2.1 / 04	Krebber, R.; Braune, M.	2013	Analytical method 01383 for the determination of deltamethrin in drinking and surface water by HPLC-MS/MS Report No.: MR-13/053, Edition Number: M-464818-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; new improved method for enforcement according to the latest science Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.2.5 / 02 ... also filed: KCP 5.1.2.1 / 05	Stanislawski, T.	2013	Independent laboratory validation of BCS analytical method no. 01383 for the determination of deltamethrin in surface water, using LC/MS/MS Report No.: P 3021 G, Edition Number: M-471762-01-1 PTRL Europe GmbH, Ulm, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; ILV of the new proposed enforcement method according to the latest science Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 5.2.5 / 03 ... also filed: KCP 5.1.2.1 / 06	Brumhard, B.	2005	Analytical method 00886 for the determination of total residues of deltamethrin (AE F032640) in surface water by HPLC-MS/MS Report No.: C047388, Edition Number: M-248040-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer

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KCP 5.2.5 / 04 ... also filed: KCP 5.1.2.1 / 07	Krebber, R.; Braune, M.	2007	Modification M001 of analytical method 00886 for the determination of total residues of deltamethrin (AE F032640) in surface water by HPLC-MS/MS Report No.: 00886/M001, Edition Number: M-291746-01-1 Method Report No.: MR-07/296 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP Section 6 / 01	Van Waetermeulen, X.; Tossens, X.	2019	Biological assessment dossier - Efficacy data and information - Detailed summary - Deltamethrin + flupyradifurone EC85 (85 g/L) - Central zone - Zonal rapporteur member state: Poland - Core assessment (authorization) Report No.: M-665892-01-1 Bayer S.A.S., Crop Science Division, Lyon, France GLP/GEP: n.a. unpublished	No	No		Bayer
KCP 6.1 / 01	Malsam, O.	2019	Study report for FPF SL200 - Greenhouse study - Myzus persicae in cabbage; Aphis gossypii in cotton Report No.: M-659248-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 6.2 / 01 ... also filed: KCP 6.4 / 02	Tossens, X.	2019	Compilation of trial reports for DLT+FPF EC85 - Efficacy trials on Brassicogethes (Meligethes) aeneus on oilseed rape Report No.: M-659528-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 6.2 / 02 ... also filed: KCP 6.4 / 03	Tossens, X.	2019	Compilation of trial reports for DLT+FPF EC85 - Efficacy trials on Ceutorhynchus obstrictus (assimilis) and Dasineura brassica on oilseed rape Report No.: M-659527-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP 6.2 / 03 ... also filed: KCP 6.4 / 01	Tossens, X.	2019	Compilation of trial reports for DLT+FPF EC85 - Efficacy trials on Ceutorhynchus napi and Ceutorhynchus quadridens on oilseed rape Report No.: M-659525-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 6.3 / 01	Nauen, R.	2019	Information on the occurrence or possible occurrence of the development of resistance to DLT+FPF EC85 for the control of insects pests in oilseed rape, in central zone Report No.: M-659907-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 6.4 / 01 ... also filed: KCP 6.2 / 03	Tossens, X.	2019	Compilation of trial reports for DLT+FPF EC85 - Efficacy trials on Ceutorhynchus napi and Ceutorhynchus quadridens on oilseed rape Report No.: M-659525-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 6.4 / 02 ... also filed: KCP 6.2 / 01	Tossens, X.	2019	Compilation of trial reports for DLT+FPF EC85 - Efficacy trials on Brassicogethes (Meligethes) aeneus on oilseed rape Report No.: M-659528-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 6.4 / 03 ... also filed: KCP 6.2 / 02	Tossens, X.	2019	Compilation of trial reports for DLT+FPF EC85 - Efficacy trials on Ceutorhynchus obstrictus (assimilis) and Dasineura brassica on oilseed rape Report No.: M-659527-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP 6.4 / 04 ... also filed: KCP 10.6.2 / 01 KCP 6.5.2 / 01	Ripperger, D.	2016	Deltamethrin + flupyradifurone EC 85 (10+75 g/L): Effects on the vegetative vigour of non-target terrestrial plant species under greenhouse conditions Report No.: S15-01671, Edition Number: M-554604-01-1 Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 6.4 / 05 ... also filed: KCP 10.6.2 / 02 KCP 6.5.1 / 01	Ripperger, D.	2016	Deltamethrin + flupyradifurone EC 85 (10+75 g/L): Effects on the seedling emergence of non-target terrestrial plant species under greenhouse conditions Report No.: S15-01670, Edition Number: M-554592-01-1 Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 6.5.1 / 01 ... also filed: KCP 10.6.2 / 02 KCP 6.4 / 05	Ripperger, D.	2016	Deltamethrin + flupyradifurone EC 85 (10+75 g/L): Effects on the seedling emergence of non-target terrestrial plant species under greenhouse conditions Report No.: S15-01670, Edition Number: M-554592-01-1 Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 6.5.2 / 01 ... also filed: KCP 10.6.2 / 01 KCP 6.4 / 04	Ripperger, D.	2016	Deltamethrin + flupyradifurone EC 85 (10+75 g/L): Effects on the vegetative vigour of non-target terrestrial plant species under greenhouse conditions Report No.: S15-01671, Edition Number: M-554604-01-1 Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 7.1.1 / 01	████████	2015	Deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Acute oral toxicity study in the rat (Up and down procedure) Report No.: 14/384-001P, Edition Number: M-516318-01-1 ████████████████████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer
KCP 7.1.2 / 01	████████	2015	Deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Acute dermal toxicity study in the rat Report No.: 14/384-002P, Edition Number: M-515269-01-1 ████████████████████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer
KCP 7.1.3 / 01	████████	2015	Acute inhalation toxicity study (nose-only) in the rat with deltamethrin + flupyradifurone EC 85 (10+75 g/L) Report No.: 14/384-004P, Edition Number: M-534789-01-1 ████████████████████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer
KCP 7.1.4 / 01	████████	2015	Deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Acute skin irritation study in rabbits Report No.: 14/384-006N, Edition Number: M-511430-01-1 ████████████████████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer
KCP 7.1.5 / 01	Váliczkó, É.	2015	Deltamethrin + flupyradifurone EC 85 (10+75 g/L) - In vitro eye irritation test in isolated chicken eyes Report No.: 14/384-038CS, Edition Number: M-511433-01-1 CiToxLAB Hungary Ltd., Veszprém, Szabadságpuszta, Hungary GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 7.1.5 / 02	████████	2015	Deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Acute eye irritation study in rabbits Report No.: 14/384-005N, Edition Number: M-528983-01-1 ████████████████████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer

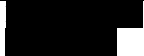

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KCP 7.1.6 / 01		2017	Deltamethrin + flupyradifurone EC 85 (10+75 g/L) - Local lymph node assay in the mouse Report No.: 14/384-037E, Edition Number: M-601871-01-1 GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer
KCP 7.3 / 01	Odin, M.	2016	Deltamethrin + flupyradifurone EC 85 (10+75) formulation: [14C]-deltamethrin in vitro dermal absorption study using human skin Report No.: SA 15251, Edition Number: M-559234-01-1 Bayer S.A.S., Bayer CropScience, Sophia Antipolis, France GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 7.3 / 02	Blanck, M.	2016	DLT+FPF EC 85 (10+75): [14C]-flupyradifurone - In vitro dermal absorption study using human skin Report No.: SA 15253, Edition Number: M-556571-01-1 Bayer S.A.S., Bayer CropScience, Sophia Antipolis, France GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 8.8/01	Lamshoeft, M., Gao, Z., Ressler, H., Schriever, C., Sur, R., Sweeney P., Webb, S., Zillgens, B., Reitz, M.U.	2018	Evaluation of a novel test design to determine uptake of chemicals by plant roots Science of the Total Environment 613-614 (2018) 10-19 GLP/GEP: Not applicable published	No	No		Public data
KCP 8.8/02	Schriever, C., Lamshoeft, M.	2020	Lipophilicity matters - A new look at experimental plant uptake data from literature Science of the Total Environment 713 (2020) 136667 GLP/GEP: Not applicable published	No	No		Public data
KCP 9.1.3 / 01	Schaefer, D.; Porschewski, R.	2019	Deltamethrin (DLT) and metabolite: PECsoil EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0101, Edition Number: M-658045-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

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KCP 9.1.3 / 02	Schaefer, D.; Porschewski, R.	2019	Deltamethrin (DLT) and metabolite: PECsoil EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0151, Edition Number: M-658046-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.1.3 / 03	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF) and metabolites: PECsoil EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0102, Edition Number: M-657222-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.1.3 / 04	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF) and metabolites: PECsoil EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0150, Edition Number: M-657224-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.1.3 / 05	Hammel, K.; Porschewski, R.	2018	Flupyradifurone (FPF): Core PECsoil EUR - Modelling core info document for soil risk assessment in Europe Report No.: EnSa-17-0510, Edition Number: M-613928-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 01	Schaefer, D.; Porschewski, R.	2019	Deltamethrin (DLT) and metabolite: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0092, Edition Number: M-658039-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 02	Schaefer, D.; Porschewski, R.	2019	Deltamethrin (DLT) and metabolite: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0093, Edition Number: M-658043-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

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KCP 9.2.4.1 / 03	Schaefer, D.; Porschewski, R.	2019	Deltamethrin (DLT) and metabolite: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0094, Edition Number: M-658042-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 04	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF) and metabolites: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0089, Edition Number: M-657208-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 05	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF) and metabolites: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0090, Edition Number: M-657210-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 06	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF) and metabolites: PECgw FOCUS PEARL, PELMO, MACRO EUR - Use in oilseed rape in Europe Report No.: EnSa-19-0091, Edition Number: M-657212-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 07	Hammel, K.; Garside, C.	2018	Statement: Implementation of aged sorption parameters for exposure assessment of flupyradifurone - Additional information on applicability following the release of the EFSA opinion in August 2018 Report No.: EnSa-18-0986, Edition Number: M-642729-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

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KCP 9.2.4.1 / 08	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF) and metabolites: PECgw FOCUS PEARL, PELMO, MACRO EUR using tier 2 (TDS) - Use in oilseed rape in Europe Report No.: EnSa-19-0119, Edition Number: M-657217-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 09	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF) and metabolites: PECgw FOCUS PEARL, PELMO, MACRO EUR using tier 2 (TDS) - Use in oilseed rape in Europe Report No.: EnSa-19-0120, Edition Number: M-657219-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.4.1 / 10	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF): Core PECgw EUR - Modelling core info document for groundwater risk assessment in Europe Report No.: EnSa-17-0508, Edition Number: M-613915-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2019-02-22 GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.5 / 01	Schaefer, D.; Srinivasan, P.	2019	Deltamethrin (DLT) and metabolite: PECsw,sed FOCUS EUR - Use in winter and spring oilseed rape in Europe Report No.: EnSa-19-0098, Edition Number: M-658044-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.5 / 02	Schaefer, D.; Srinivasan, P.	2019	Deltamethrin (DLT) and metabolite: PECsw,sed FOCUS EUR - Use in winter and spring oilseed rape in Europe Report No.: EnSa-19-0099, Edition Number: M-658048-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

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KCP 9.2.5 / 03	Schaefer, D.; Srinivasan, P.	2019	Deltamethrin (DLT) and metabolite: PECsw,sed FOCUS EUR - Use in winter and spring oilseed rape in Europe Report No.: EnSa-19-0100, Edition Number: M-658049-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.5 / 04	Schad, T.; Zerbe, P.	2016	Deltamethrin (DLT) core PECsw EUR - Modelling core info document for surface water risk assessment in Europe Report No.: EnSa-16-0250, Edition Number: M-553324-02-1 Bayer CropScience AG, Monheim, Germany ... amended: 2016-05-20 GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.5 / 05	Hammel, K.; Srinivasan, P.	2019	Flupyradifurone (FPF) and metabolites: PECsw,sed FOCUS EUR - Use in winter and spring oilseed rape in Europe Report No.: EnSa-19-0095, Edition Number: M-657234-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.5 / 06	Hammel, K.; Srinivasan, P.	2019	Flupyradifurone (FPF) and metabolites: PECsw,sed FOCUS EUR - Use in winter and spring oilseed rape in Europe Report No.: EnSa-19-0096, Edition Number: M-657241-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCP 9.2.5 / 07	Hammel, K.; Srinivasan, P.	2019	Flupyradifurone (FPF) and metabolites: PECsw,sed FOCUS EUR - Use in winter and spring oilseed rape in Europe Report No.: EnSa-19-0097, Edition Number: M-657360-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

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KCP 9.2.5 / 08	Hammel, K.; Porschewski, R.	2019	Flupyradifurone (FPF): Core PECsw EUR - Modelling core info document for surface water risk assessment in Europe Report No.: EnSa-17-0509, Edition Number: M-613927-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2019-02-22 GLP/GEP: No unpublished	No	No		Bayer
KCP Section 10 / 01 ... also filed: KCP Section 12 / 01	Anon.	2019	DLT+FPF EC 10+75 G Report No.: M-567053-03-1 Bayer AG, Leverkusen, Germany GLP/GEP: n.a. unpublished	No	No		Bayer
KCP 10.1.1 / 01 ... also filed: KCP 10.1.2 / 01 KCP 10.2 / 01	Gladbach, A.; Ebeling, M.; Weyers, A.	2017	Technical stand-alone combined toxicity assessment for the Central zone Report No.: M-571377-02-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: n.a. unpublished	No	No		Bayer
KCP 10.1.2 / 01 ... also filed: KCP 10.1.1 / 01 KCP 10.2 / 01	Gladbach, A.; Ebeling, M.; Weyers, A.	2017	Technical stand-alone combined toxicity assessment for the Central zone Report No.: M-571377-02-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: n.a. unpublished	No	No		Bayer
KCP 10.2 / 01 ... also filed: KCP 10.1.1 / 01 KCP 10.1.2 / 01	Gladbach, A.; Ebeling, M.; Weyers, A.	2017	Technical stand-alone combined toxicity assessment for the Central zone Report No.: M-571377-02-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: n.a. unpublished	No	No		Bayer
KCP 10.2 / 02		2008	Refined risk assessment for effects of Deltamethrin to fish Report No.: RA07-046-2a, Edition Number: M-292027-02-1  GLP/GEP: n.a. unpublished	Yes	No		Bayer

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KCP 10.2 / 03		2005	Evaluation report on higher-tier tests to assess the ecological risks of the insecticide deltamethrin to freshwater organisms Report No.: M-254687-01-1 GLP/GEP: n.a. unpublished	Yes	No		Bayer
KCP 10.2.1 / 01 ... also filed: KCP 5.1.2.6 / 01		2001	Acute toxicity to Oncorhynchus mykiss (rainbow trout) AE F108565 (metabolite of deltamethrin) substance, pure Code: AE F108565 00 1B99 0001 Report No.: C010902, Edition Number: M-199816-01-1 GLP/GEP: Yes unpublished	Yes	Yes	New study with the metabolite AE F108565 (Br2CA) to complete the aquatic data package Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 10.2.1 / 02 ... also filed: KCP 5.1.2.6 / 06	Sowig, P.; Gosch, H.	2001	Acute toxicity to Daphnia magna (Waterflea) AE F108565 (Metabolite of deltamethrin) substance, pure Code: AE F108565 00 1B99 0001 Report No.: C010889, Edition Number: M-199793-01-1 Aventis CropScience GmbH, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	New study with the metabolite AE F108565 (Br2CA) to complete the aquatic data package Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCP 10.2.1 / 03		2016	Acute toxicity of deltamethrin + flupyradifurone EC 85 (10+75 g/L) to the rainbow trout (Oncorhynchus mykiss) under static conditions Report No.: 007SRLS15C08, Edition Number: M-548840-01-1 GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.2.1 / 04	Matlock, D.; Moore, S.	2016	Amendment no. 2 - Acute toxicity of deltamethrin + flupyradifurone EC 85 to Daphnia magna under static conditions - Final report - Report No.: EBRVR015, Edition Number: M-553769-03-1 SynTech Research Laboratory Services, LLC, Stilwell, KS, USA ... amended: 2016-10-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP 10.2.1 / 05	Silke, G.	2016	Acute toxicity of deltamethrin + flupyradifurone EC 85 (10+75) G to larvae of Chironomus riparius in a 48 h static laboratory test system Report No.: EBRVN060, Edition Number: M-556348-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.2.1 / 06	Matlock, D.; Moore, S.	2015	Toxicity of deltamethrin + flupyradifurone EC 85 to the green algae Pseudokirchneriella subcapitata during a 72 hour exposure Report No.: EBRVR016, Edition Number: M-547460-01-1 SynTech Research Laboratory Services, LLC, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.2.1 / 07	██████████ ██████████	2020a	Deltamethrin + flupyradifurone EC85 (10+75 g/L): Acute toxicity to rainbow trout (Oncorhynchus mykiss) in a 96-hour semi-static test Report No.: EBRV0196, Edition Number: M-679497-01-1 ████████████████████ GLP/GEP: Yes unpublished	Yes	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.2.1 / 08	Bebon, R.; Sonntag, F.	2020b	Deltamethrin + flupyradifurone EC85 (10+75 g/L): Acute toxicity to Daphnia magna in a semi-static 48-hour immobilisation test Report No.: EBRV0195, Edition Number: M-686370-01-1 ibacon GmbH, Rossdorf, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.2.1 / 09	Bebon, R.; Sonntag, F.	2020c	Deltamethrin + flupyradifurone EC85 (10+75 g/L): Acute toxicity to larvae of Chironomus riparius in a semi-static 48-hour immobilisation test Report No.: EBRV0194, Edition Number: M-686369-01-1 ibacon GmbH, Rossdorf, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP 10.2.2 / 01	[REDACTED]	2008	Refined risk assessment for aquatic effects of Deltamethrin based on recent higher tier studies, expert statements and population models Report No.: RA08-022, Edition Number: M-297157-01-1 [REDACTED] GLP/GEP: n.a. unpublished	Yes	No		Bayer
KCP 10.2.2 / 02	[REDACTED]	2007	Analysis and interpretation of the zooplankton dynamics after application of Deltamethrin EW 015 to aquatic mesocosms with special focus on the Chaoborus crystallinus population Report No.: M-291864-01-1 [REDACTED] GLP/GEP: n.a. unpublished	Yes	No		Bayer
KCP 10.2.2 / 03	Heimbach, F.; Arnold, M.	2005	Bioassay on the effects of Deltamethrin EW 015 on Gammarus pulex in mesocosm water Report No.: HBF/BT 08, Edition Number: M-246173-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	No	Higher tier study on Gammarus pulex accompanying the new mesocosm study (Heimbach et al. 2005; M-246137-01-1) Data/study report submitted before to Poland registration based on this report granted in 2009 (Decis 2,5 EC)	Bayer
KCP 10.2.2 / 04	Schulz, R.; Bruehl, C.	2007	Biology and distribution of selected waterlice and freshwater shrimps of Central Europe - a literature review Report No.: M-291865-01-1 ecoco GBR, Karlsruhe, Germany GLP/GEP: n.a. unpublished	No	No		Bayer
KCP 10.2.2 / 05	Schulz, R.; Bruehl, C.	2007	Drift of the freshwater isopod Asellus aquaticus in a stream in an agricultural landscape - a case study Report No.: M-291925-01-1 ecoco GBR, Karlsruhe, Germany GLP/GEP: No unpublished	No	No		Bayer

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KCP 10.2.2 / 06	Bruehl, C.; Schulz, R.	2009	Freshwater isopods in water bodies of the agricultural landscape in Southern Europe Report No.: M-329195-01-1 ecoco GBR, Karlsruhe, Germany GLP/GEP: n.a. unpublished	No	No		Bayer
KCP 10.2.2 / 07	[REDACTED]	2007	Re-evaluation of the impact of Deltamethrin on Asellus aquaticus in a mesocosm study (biological effects and fate of Deltamethrin EW 015 in outdoor mesocosm ponds, HBF/Bt 07) Report No.: RA07-046, Edition Number: M-291862-01-1 [REDACTED] GLP/GEP: n.a. unpublished	Yes	No		Bayer
KCP 10.2.2 / 08	[REDACTED]	2007	Deltamethrin EW 15 G: Acute and chronic effects to different life stages of the isopod Assellus aquaticus L in a natural water-sediment-system Report No.: P1MA, Edition Number: M-291885-02-1 [REDACTED] ... amended: 2007-08-29 GLP/GEP: Yes unpublished	Yes	Yes	Higher tier study on Asellus aquaticus to support the aquatic risk assessment Data/study report never submitted before to Poland	Bayer
KCP 10.2.2 / 09	[REDACTED]	2007	Brief summary of methods and first results (non-GLP) of the cancelled microcosm study on chronic effects of deltamethrin EW 15 G on population dynamics of the isopod Assellus aquaticus L in a natural water-sediment-system Report No.: P2MA, Edition Number: M-291879-01-1 [REDACTED] GLP/GEP: No unpublished	Yes	No		Bayer
KCP 10.2.2 / 10	Schaefer, D.	2008	Modelling studies on the recovery of populations of asellus aquaticus from effects of deltamethrin in natural water bodies of agricultural landscapes Summary and conclusions Report No.: MEF-08/027, Edition Number: M-296752-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: n.a. unpublished	No	No		Bayer

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KCP 10.2.2 / 11	Verboom, J.; Baveco, J. M. H.; van den Brink, P. J.	2005	A simulation model for spatial population dynamics of Asellus aquaticus after a spray drift event of deltamethrin in aquatic ecosystems. Report No.: MO-05-004734, Edition Number: M-246365-01-1 Alterra, Wageningen, Netherlands GLP/GEP: No unpublished	No	No		Bayer
KCP 10.2.2 / 12	[REDACTED]	2007	Sensitivity analysis of the MASTEP population model: influence of life-cycle characteristics, drift and recovery of immobilisation of asellus aquaticus and time of application of the pesticide on their recovery Report No.: M-290838-02-1 [REDACTED] ... amended: 2007-08-14 GLP/GEP: No unpublished	Yes	No		Bayer
KCP 10.2.2 / 13	[REDACTED]	2007	Influence of drift of individuals and time of application on the recovery of Asellus aquaticus following deltamethrin exposure. Report No.: M-292035-01-1 [REDACTED] GLP/GEP: No unpublished	Yes	No		Bayer
KCP 10.2.3 / 01	[REDACTED]	2005	Effects of Deltamethrin EW 15 on rainbow trout in aquatic outdoor microcosm enclosures Report No.: ALT.JD.2005.1, Edition Number: M-256605-01-1 [REDACTED] GLP/GEP: Yes unpublished	Yes	Yes	Higher tier study to support chronic fish risk assessment Data/study report submitted before to Poland, registration based on this report granted in 2012 (Decis Mega 50 EW) Protection still valid	Bayer

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KCP 10.2.3 / 02 ... also filed: KCP 5.1.2.6 / 09	[REDACTED]	2005	Biological effects and fate of deltamethrin EW 015 in outdoor mesocosm ponds Report No.: HBF/BT 07, Edition Number: M-246137-01-2 [REDACTED] unpublished	Yes	Yes	Mesocosm study simulating fate after drift entry to surface water and simulating drift entry to surface water to support risk assessment for aquatic invertebrates Data/study report submitted before to Poland, registration based on this report granted in 2012 (Decis Mega 50 EW) Protection still valid	Bayer
KCP 10.3.1.1 / 01	Schmitzer, S.	2015	Deltamethrin + flupyradifurone EC 85 (10+75) G: Effects (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory - Final report Report No.: 99811035, Edition Number: M-542907-01-1 IBACON GmbH, Rossdorf, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.3.1.2 / 01	Kling, A.	2014	Deltamethrin EW 15B G - Assessment of chronic effects to the honeybee, <i>Apis mellifera</i> L., in a 10 days continuous laboratory feeding test Report No.: S13-00151, Edition Number: M-477250-01-1 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Detailed data base submitted to conduct a robust risk assessment Data/study report submitted before to Poland, registration based on this report granted in 2012 (Decis Mega 50 EW) Protection still valid	Bayer
KCP 10.3.1.5 / 01	Rentschler, S.	2014	Determination of side-effects of Deltamethrin EW 15B G on honey bee (<i>Apis mellifera</i> L.) brood under confined semi-field conditions Report No.: S12-00041, Edition Number: M-477316-01-1 Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Detailed data base submitted to conduct a robust risk assessment Data/study report submitted before to Poland, registration based on this report granted in 2012 (Decis Mega 50 EW) Protection still valid	Bayer

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KCP 10.3.1.5 / 02	Schmitzer, S.	2006	Toxicity testing of Deltamethrin EW 50 on honey bees (<i>Apis mellifera</i> L.) under semi-field conditions - tunnel test Report No.: 29011037, Edition Number: M-274120-01-1 IBACON GmbH, Rossdorf, Germany GLP/GEP: Yes unpublished	No	Yes	Detailed data base submitted to conduct a robust risk assessment Data/study report submitted before to Poland, registration based on this report granted in 2012 (Decis Mega 50 EW) Protection still valid	Bayer
KCP 10.3.1.5 / 03	Schur, A.	2001	Assessment of side effects of AE F032640 00 EC02 A804 on the honey bee (<i>Apis mellifera</i> L.) in the semi-field Report No.: C011205, Edition Number: M-200402-01-1 Arbeitsgemeinschaft GAB Biotechnologie GmbH & IFU Umweltanalytik GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Detailed data base submitted to conduct a robust risk assessment Data/study report never submitted before to Poland	Bayer
KCP 10.3.1.5 / 04	Maus, C.; Curé, G.; Doering, J.	2006	Assessment of the short-term effects of Deltamethrin EC 100 on behaviour, foraging activity and mortality of honeybees (<i>Apis mellifera</i>) under semifield conditions (tunnel test) in Phacelia. Report No.: MAUS/AM 037, Edition Number: M-262389-02-1 Bayer CropScience AG, Monheim, Germany ... amended: 2006-04-26 GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.3.1.5 / 05	Taenzler, V.	2017	Assessment of side effects of deltamethrin + flupyradifurone EC085 on honey bees (<i>Apis mellifera</i> L.) under semi-field conditions - Tunnel test - Report No.: 113331037, Edition Number: M-598914-01-1 IBACON GmbH, Rossdorf, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.3.1.5 / 06	Giffard, H.	2000	Impact on bumblebees (insectproof tunnels on phacelia crop) Code: AE F032640 00 EW01 B106 Report No.: C011021, Edition Number: M-200040-01-1 Testapi, Sarre, Gennes, France GLP/GEP: Yes unpublished	No	Yes	To complete the risk assessment Data/study report submitted before to Poland registration based on this report granted in 2013 (Decis Ogród 015 EW) Protection still valid	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCP 10.3.1.5 / 07	Giffard, H.	2000	Impact on bumblebees (<i>Bombus terrestris</i>) (insectproof tunnels on phacelia crop) Code: AE F032640 00 EG0G06 A107 Report No.: C011023, Edition Number: M-200043-01-1 Testapi, Sarre, Gennes, France GLP/GEP: Yes unpublished	No	Yes	To complete the risk assessment Data/study report never submitted before to Poland	Bayer
KCP 10.3.1.5 / 08	Miles, M., Murakami, L.	2021	Sivanto Energy: A detailed evaluation of results obtained during colony assessments in the study by Taenzler (2017, M-598914-01-1) Report No.: BEES-211206, Edition Number: M-781941-01-1 Bayer AG, Crop Science Division, Environmental Safety GLP/GEP: No, calculation unpublished	No	No		Bayer
KCP 10.3.1.6 / 01	Rexer, H. U.	2013	Assessment of side effects on the honeybee (<i>Apis mellifera</i> L.), exposed to <i>Phacelia tanacetifolia</i> , sprayed sequentially with deltamethrin during flowering in a long-term field study in North Alsace, France Report No.: S10-03820, Edition Number: M-452717-01-1 Eurofins Agroscience Services GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	To complete the risk assessment Data/study report never submitted before to Poland	Bayer
KCP 10.3.1.6 / 02	Rexer, H. U.	2013	Assessment of side effects on the honeybee (<i>Apis mellifera</i> L.), exposed to <i>Phacelia tanacetifolia</i> , sprayed sequentially with deltamethrin during flowering in a long-term field study in Mid Alsace, France Report No.: S10-03824, Edition Number: M-452723-01-1 Eurofins Agroscience Services GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	To complete the risk assessment Data/study report never submitted before to Poland	Bayer
KCP 10.3.1.6 / 03	Pistorius, J.	2007	Assessment of side effects of Deltamethrin EC 25 on the honey bee (<i>Apis mellifera</i> L.) in the field Report No.: 20061298/G1-BFEU, Edition Number: M-286584-01-1 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	To complete the risk assessment Data/study report never submitted before to Poland	Bayer

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KCP 10.3.1.6 / 04	Pistorius, J.	2007	Assessment of side effects of Deltamethrin EC 25 on the honey bee (<i>Apis mellifera</i> L.) in the field Report No.: 20071100/G1-BFEU, Edition Number: M-295800-01-1 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	To complete the risk assessment Data/study report never submitted before to Poland	Bayer
KCP 10.3.2.2 / 01	Waibel, J.	2018	Toxicity to the ladybird beetle <i>Coccinella septempunctata</i> (Coleoptera: Coccinellidae) using an extended laboratory test with aged residues on apple - flupyradifurone + deltamethrin EC 85 (75+10 g/L) Report No.: CW16/016, Edition Number: M-614308-01-1 Bayer AG, Crop Science Division, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.3.2.2 / 02	Mueller, R. U.	2015	Toxicity to the green lacewing <i>Chrysoperla carnea</i> (Neuroptera: Chrysopidae) using an extended laboratory test on bean flupyradifurone + deltamethrin EC 85 (75+10 g/L) Report No.: CW15/008, Edition Number: M-539469-01-1 Bayer CropScience AG, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.3.2.2 / 03	Moll, M.	2015	Flupyradifurone + deltamethrin EC 85 (75 + 10 g/L): Effects on the ladybird beetle - <i>Coccinella septempunctata</i> , extended laboratory study - Dose response test - Report No.: 101151012, Edition Number: M-530897-01-1 IBACON GmbH, Rossdorf, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.3.2.2 / 04	Mueller, R. U.	2015	Toxicity to the parasitoid wasp <i>Aphidius rhopalosiphi</i> (Hymenoptera: Braconidae) using an extended laboratory test on barley flupyradifurone + deltamethrin EC 85 (75+10 g/L) Report No.: CW15/006, Edition Number: M-539457-01-1 Bayer CropScience AG, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP 10.3.2.2 / 05	Mueller, R. U.	2015	Toxicity to the predatory mite Typhlodromus pyri (Acari: Phytoseiidae) using an extended laboratory test on bean flupyradifurone + deltamethrin EC 85 (75+10 g/L) Report No.: CW15/005, Edition Number: M-539453-01-1 Bayer CropScience AG, Frankfurt am Main, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.3.2.4 / 01	Aldershof, S.; Bakker, F.	2012	A field study to assess the effects of deltamethrin EW 15 (g/L) on the non-target, surface- and plant-dwelling, arthropod fauna of a grassland habitat (off-crop) in SW France during spring/summer Report No.: B157FFN, Edition Number: M-430827-01-1 MITOX Consultants, Amsterdam, Netherlands GLP/GEP: Yes unpublished	No	Yes	Conducted to assess off field risk to non target arthropods in a representative off field habitat using the current representative formulation Data/study report never submitted before to Poland	Bayer
KCP 10.3.2.4 / 02	Aldershof, S.; Bakker, F.	2012	A field study to assess the effects of deltamethrin EW 15 (g/L) on the non-target, surface- and plant-dwelling, arthropod fauna of a grassland habitat (off-crop) in the Netherlands during spring/summer (Amendment 1) Report No.: B158FFN, Edition Number: M-430876-03-1 MITOX Consultants, Amsterdam, Netherlands ... amended: 2012-10-12 GLP/GEP: Yes unpublished	No	Yes	Conducted to assess off field risk to non target arthropods in a representative off field habitat using the current representative formulation Data/study report never submitted before to Poland	Bayer
KCP 10.3.2.4 / 03	Aldershof, S.; Bakker, F.	2019	A field study to assess the effects of deltamethrin + flupyradifurone EC 85 (10+75 g/L) on the non-target, surface- and plant-dwelling, arthropod fauna of a grassland habitat (off-crop) in The Netherlands during spring/summer Report No.: B168FFN, Edition Number: M-661092-01-1 Eurofins MITOX, Amsterdam, Netherlands GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP 10.3.2.4 / 04	Aldershof, S.; Bakker, F.	2019	A field study to assess the effects of deltamethrin + flupyradifurone EC 85 (10+75 g/L) on the non-target, surface- and plant-dwelling, arthropod fauna of a grassland habitat (off-crop) in SW France during spring/summer Report No.: B169FFN, Edition Number: M-661091-01-1 Eurofins MITOX, Amsterdam, Netherlands GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.4.1.1 / 01	Friedrich, S.	2014	Deltamethrin EC 100 G: Sublethal toxicity to the earthworm Eisenia fetida in artificial soil Report No.: 14 10 48 127 S, Edition Number: M-494315-01-1 BioChem agrar GmbH, Gerichshain, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.4.1.1 / 02	Friedrich, S.	2015	Deltamethrin + flupyradifurone EC 85 (10+75) G: Sublethal toxicity to the earthworm Eisenia fetida in artificial soil Report No.: 15 10 48 071 S, Edition Number: M-528187-01-1 BioChem agrar GmbH, Gerichshain, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.4.2.1 / 01	Friedrich, S.	2014	Deltamethrin EC 100 G: effects on the reproduction of the collembolan Folsomia candida Report No.: 14 10 48 125 S, Edition Number: M-494027-01-1 BioChem agrar GmbH, Gerichshain, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.4.2.1 / 02	Schulz, L.	2014	Deltamethrin EC 100 G: Effects on the reproduction of the predatory mite Hypoaspis aculeifer Report No.: 14 10 48 126 S, Edition Number: M-495034-01-1 BioChem agrar GmbH, Gerichshain, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP 10.4.2.1 / 03	Friedrich, S.	2015	Deltamethrin + flupyradifurone EC 85 (10+75) G: Effects on the reproduction of the collembolan <i>Folsomia candida</i> Report No.: 15 10 48 069 S, Edition Number: M-515381-01-1 BioChem agrar GmbH, Gerichshain, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.4.2.1 / 04	Schulz, L.	2015	Deltamethrin + flupyradifurone EC 85 (10+75) G: Effects on the reproduction of the predatory mite <i>Hypoaspis aculeifer</i> Report No.: 15 10 48 070 S, Edition Number: M-519953-01-1 BioChem agrar GmbH, Gerichshain, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.5 / 01	Schulz, L.	2015	Deltamethrin + flupyradifurone EC 85 (10+75) G: Effects on the activity of soil microflora (Nitrogen transformation test) Report No.: 15 10 48 025 N, Edition Number: M-515385-01-1 BioChem agrar GmbH, Gerichshain, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.6.2 / 01 ... also filed: KCP 6.4 / 04 KCP 6.5.2 / 01	Ripperger, D.	2016	Deltamethrin + flupyradifurone EC 85 (10+75 g/L): Effects on the vegetative vigour of non-target terrestrial plant species under greenhouse conditions Report No.: S15-01671, Edition Number: M-554604-01-1 Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCP 10.6.2 / 02 ... also filed: KCP 6.4 / 05 KCP 6.5.1 / 01	Ripperger, D.	2016	Deltamethrin + flupyradifurone EC 85 (10+75 g/L): Effects on the seedling emergence of non-target terrestrial plant species under greenhouse conditions Report No.: S15-01670, Edition Number: M-554592-01-1 Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer

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KCP Section 12 / 01 ... also filed: KCP Section 10 / 01	Anon.	2019	DLT+FPF EC 10+75 G Report No.: M-567053-03-1 Bayer AG, Leverkusen, Germany GLP/GEP: n.a. unpublished	No	No		Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.1 / 01	Netzband, D.	2015	Storage stability of BYI 02960, difluoroacetic acid, and difluoroethyl-amino-furanone in plant matrices Report No.: M-428412-03-1 Bayer CropScience LP, Stilwell, KS, USA ... amended: 2015-09-03 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.1 / 02 ... also filed: KCP 5.1.2.5 / 05	Lakaschus, S.; Gizler, A.	2017	Amendment no. 3 to final report - 7 days freezer storage stability study with different combinations of a total of 61 analytes (parent and metabolite molecules) and five matrix types (high water / acidic / starch / protein / oil) Report No.: S13-03307, Edition Number: M-480441-06-1 Eurofins Agroscience Services Chem GmbH (EAS Chem), Hamburg, Germany ... amended: 2017-08-16 GLP/GEP: Yes unpublished	No	Yes	To cover samples stored at increased temperatures Data/study report never submitted before to Poland	Bayer
KCA 6.1 / 03 ... also filed: KCP 5.1.2.5 / 26	Winter, O.; Amann, S.; Giesler, W.	2018	Storage stability of deltamethrin and flupyradifurone in oilseed rape (seed and straw) Report No.: S17-05312, Edition Number: M-626405-01-1 Eurofins Agroscience Services Chem GmbH, Hamburg, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCA 6.1 / 04 ... also filed: KCA 6.4.1 / 01 KCP 5.1.2.5 / 28		2017	Difluoroacetic acid - Magnitude of the residue in laying hens Report No.: RARVN150, Edition Number: M-611007-01-1 NC, USA GLP/GEP: Yes unpublished	Yes	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization but registration based on this report not yet granted	Bayer
KCA 6.1 / 05	Ballesteros, C.	2012	Storage stability of residues of deltamethrin (AE F032640) and its isomers AE F108569 and AE 0035073 in orange during deep freeze storage for up to 24 months Report No.: 09-07, Edition Number: M-441996-01-1 Bayer S.A.S., Bayer CropScience, Lyon, France GLP/GEP: Yes unpublished	No	Yes	New data requirement at EU level Data/study report never submitted before to Poland	Bayer

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KCA 6.3.1.1 / 01 ... also filed: KCP 5.1.2.5 / 02	Schulte, G.	2017	Amendment no. 1: Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in France (North), Germany and Belgium Report No.: 15-2132, Edition Number: M-578527-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2017-05-03 GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCA 6.3.1.1 / 02 ... also filed: KCP 5.1.2.5 / 03	Kaussmann, M.; Kerkering, S.	2018	Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in Germany, Belgium and northern France Report No.: 16-2044, Edition Number: M-641044-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCA 6.3.1.1 / 03 ... also filed: KCP 5.1.2.5 / 08	Miara, C.; Nayyar, B.; Kowalski, N.	2018	Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in Spain, Portugal, southern France and Italy Report No.: 16-2131, Edition Number: M-643446-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCA 6.3.1.1 / 04 ... also filed: KCP 5.1.2.5 / 07	Miara, C.; Nayyar, B.; Kowalski, N.	2018	Determination of the residues of BYI 02960 and deltamethrin in/on rape after spray application of deltamethrin & flupyradifurone EC 085 in Spain and Portugal Report No.: 16-2169, Edition Number: M-645539-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report never submitted before to Poland	Bayer
KCA 6.4.1 / 01 ... also filed: KCA 6.1 / 04 KCP 5.1.2.5 / 28	[REDACTED]	2017	Difluoroacetic acid - Magnitude of the residue in laying hens Report No.: RARVN150, Edition Number: M-611007-01-1 [REDACTED] NC, USA GLP/GEP: Yes unpublished	Yes	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization but registration based on this report not yet granted	Bayer

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KCA 6.4.2 / 01 ... also filed: KCP 5.1.2.5 / 29	[REDACTED]	2017	Difluoroacetic acid - Magnitude of the residue in dairy cows Report No.: RARVN149, Edition Number: M-608471-01-1 [REDACTED] GLP/GEP: Yes unpublished	Yes	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization but registration based on this report not yet granted	Bayer
KCA 6.5.3 / 01 ... also filed: KCP 5.1.2.5 / 16	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on soybean processed commodities Report No.: RARVY029, Edition Number: M-428939-01-2 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCA 6.5.3 / 02 ... also filed: KCP 5.1.2.5 / 17	Lenz, C.; Beedle, E.	2012	BYI 02960 200 SL - Magnitude of the residue in cotton processed commodities (crop subgroup 20C) Report No.: RARVY033, Edition Number: M-433122-01-1 Bayer Corporation, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCA 6.5.3 / 03 ... also filed: KCP 5.1.2.5 / 18	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on potato processed commodities Report No.: RARVY038, Edition Number: M-430542-01-2 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCA 6.5.3 / 04 ... also filed: KCP 5.1.2.5 / 19	Freitag, T.; Hoffmeister, R.	2016	Determination of the residues of BYI 02960 in/on potato and the processed fractions (tuber, washed; peel washed; tuber, peeled; tuber, cooked; tuber with peel, cooked; fibre; pulp, dry; starch; waste; waste, dried; flakes; and crisps (Am.: chips)) after spray application of BYI 02960 SL 200 in the field in Germany and the Netherlands Report No.: 13-3149, Edition Number: M-546878-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer

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KCA 6.5.3 / 05 ... also filed: KCP 5.1.2.5 / 20	Schulte, G.; Ruhl, S.	2012	Processing study - Determination of the residues of BYI 02960 in/on spring barley and the processed fractions (malt sprouts; brewer's malt; brewer's grain, hops draff; brewer's yeast; beer; pearl barley; pearl barley rub off) after spraying of BYI 02960 SL 200 in the field in Germany Report No.: 10-3410, Edition Number: M-439853-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCA 6.5.3 / 06 ... also filed: KCP 5.1.2.5 / 21	Schulte, G.; Bauer, J.	2012	Processing study - Determination of the residues of BYI 02960 in/on wheat and the processed fractions (semolina; semolina bran; whiteflour bran; white flour; white bread; whole meal; wholemeal bread and wheat germ) after spraying of BYI 02960 SL 200 in the field in Germany Report No.: 10-3409, Edition Number: M-440307-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCA 6.5.3 / 07 ... also filed: KCP 5.1.2.5 / 22	Lenz, C.; Fischer, D. R.	2012	BYI 02960 200 SL - Magnitude of the residue in/on wheat processed commodities Report No.: RARVY031, Edition Number: M-427047-01-2 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KCA 6.5.3 / 08 ... also filed: KCP 5.1.2.5 / 23	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on field corn processed commodities Report No.: RARVY030, Edition Number: M-424774-01-1 Bayer CropScience LP, Stilwell, KS, USA GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KCA 6.6.1 / 01	Schmeling, S.; Breuer-Rehm, M.	2012	Metabolism of [gemdimethyl-14C] deltamethrin in confined rotational crops Report No.: MEF-11/669, Edition Number: M-431769-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Not available for last Annex I inclusion; data gap from last Annex I listing Data/study report already submitted before to Poland with AIR 3 Renewal of Deltamethrin(process on-going)	Bayer
KCA 6.6.2 / 01 ... also filed: KCP 5.1.2.5 / 09	Freitag, T.	2018	Determination of the residues of BYI 02960 in/on potato and soil after spraying of BYI 02960 SL 200 in the field in Germany, the Netherlands, Italy and Spain Report No.: 16-2510, Edition Number: M-613149-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.6.2 / 02 ... also filed: KCP 5.1.2.5 / 10	Freitag, T.; Effertz, C.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop rape and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Belgium and the Netherlands - Final report Report No.: 16-2511, Edition Number: M-617178-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-12-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.6.2 / 03 ... also filed: KCP 5.1.2.5 / 11	Kaussmann, M.; van Berkum, S.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop rape and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Italy and Portugal Report No.: 16-2521, Edition Number: M-613466-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-12-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.6.2 / 04 ... also filed: KCP 5.1.2.5 / 12	Freitag, T.; Kaussmann, M.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop barley and soil after spray application of BYI 02960 SL 200 to bare soil in the field in United Kingdom and the Netherlands Report No.: 16-2512, Edition Number: M-612254-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.6.2 / 05	Kaussmann, M.; van Berkum, S.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop barley and soil after spray application of BYI 02960 SL 200 to bare soil in the field in France (South) and Portugal Report No.: 16-2522, Edition Number: M-613602-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.6.2 / 06	Freitag, T.; Effertz, C.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop maize/corn and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Belgium and the Netherlands Report No.: 16-2514, Edition Number: M-617942-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-09-17 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.6.2 / 07 ... also filed: KCP 5.1.2.5 / 13	Freitag, T.; van Berkum, S.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop maize/corn and soil after spray application of BYI 02960 SL 200 to bare soil in the field in France (South) and Portugal - Final report Report No.: 16-2524, Edition Number: M-617943-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.6.2 / 08 ... also filed: KCP 5.1.2.5 / 14	Freitag, T.; Hoffmeister, R.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop strawberry and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Belgium and the Netherlands Report No.: 16-2515, Edition Number: M-617563-01-1 Bayer AG, Crop Science Division, Monheim, Germany GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer

Data Point	Author(s)	Year	Title Company Report No. Source GLP or GEP status published or not	Vertebrate study Y/N	Data protect. claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.6.2 / 09	Freitag, T.; van Berkum, S.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop strawberry and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Spain and Italy Report No.: 16-2525, Edition Number: M-617923-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-12-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 6.6.2 / 10 ... also filed: KCP 5.1.2.5 / 15	Freitag, T.; Effertz, C.	2018	Determination of the residues of BYI 02960 in/on the field rotational crop cauliflower, broccoli and soil after spray application of BYI 02960 SL 200 to bare soil in the field in Belgium, the Netherlands, Italy and Spain Report No.: 16-2516, Edition Number: M-617941-02-1 Bayer AG, Crop Science Division, Monheim, Germany ... amended: 2018-09-19 GLP/GEP: Yes unpublished	No	Yes	Data/study report already submitted before to Poland in dossier for Buteo Start authorization and Sivanto Prime label extension but registration based on this report not yet granted	Bayer
KCA 7.1.2.1.1 / 01	Schaefer, D.; Mikolasch, B.	2004	Kinetic evaluation of soil laboratory studies with deltamethrin and its metabolites D-COOH, Br2CA and mPBacid to determine input parameters for model calculations Report No.: C044585, Edition Number: M-236281-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer
KCA 7.1.2.2.1 / 01	Schaefer, D.	2003	Kinetic evaluation of Deltamethrin field dissipation studies to determine input parameters for the calculation of PEC values in soil Code:AE F032640 Report No.: C036884, Edition Number: M-221665-01-1 Bayer CropScience AG, Monheim, Germany GLP/GEP: No unpublished	No	No		Bayer

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

Deltamethrine

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.1 / 01	Sweetapple, G. G.	1990	Deltamethrin active ingredient: Determination of melting point. Ricerca, Inc., USA Bayer Report No.: A70753 Edition Number: M-149247-01-1 Date: 1990-03-29 GLP/GEP: Yes, unpublished ... also filed: KCA 2.14 / 04 KCA 2.3 / 02	No	Yes		Bayer
KCA 2.1 / 02	Maier, T.; Rexer, K.	1988	Deltamethrin substance, technical. Decomposition point. Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A38362 Edition Number: M-120009-01-1 Date: 1988-06-23 GLP/GEP: No, unpublished ... also filed: KCA 2.14 / 01	No	No		Bayer
KCA 2.1 / 03	Smeykal, H.	2012	Deltamethrin (AE F032640): Melting point, boiling point, thermal stability Siemens AG, Frankfurt am Main, Germany Bayer Report No.: 20120214.01 Edition Number: M-440513-01-1 Date: 2012-10-23 GLP/GEP: Yes, unpublished	No	Yes	Old study was not conducted under required GLP and had deficiencies	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.1 / 04	Cichy, M.	2012	Deltamethrin (AE F032640) - AE F032640-01-11 Bayer Report No.: 09084-01 Edition Number: M-384805-02-1 Date: 2012-04-26 GLP/GEP: n.a., unpublished ... also filed: KCA 2.3 / 04 KCA 2.6 / 05 KCA 2.8 / 07 KCA 2.9 / 06 confidential	No	No		Bayer
KCA 2.2 / 01	Yoder, S. J.	1991	Deltamethrin A.I. - Determination of vapour pressure. Ricerca, Inc., Analytical Services, Painesville, OH, USA Bayer Report No.: A47916 Edition Number: M-136657-01-1 Date: 1991-09-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.2 / 02	Grelet, D.	1995	Deltamethrin: Henry's law constant. Roussel Uclaf, Romainville, France Bayer Report No.: A70747 Edition Number: M-149242-01-1 Date: 1995-03-21 GLP/GEP: No, unpublished	No	No		Bayer
KCA 2.2 / 03	Smeykal, H.	2012	Deltamethrin (AE F032640), pure substance: Vapour pressure Siemens AG, Frankfurt am Main, Germany Bayer Report No.: 20120215.01 Edition Number: M-440512-01-1 Date: 2012-10-23 GLP/GEP: Yes, unpublished	No	Yes	Deficiencies in old study	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.2 / 04	Weilbaeher, R.	2007	Deltamethrin (AE F032640) - AE F032640 00 1B99 0012 Bayer Report No.: AZ 14153 Edition Number: M-289644-01-1 Date: 2007-06-28 GLP/GEP: n.a., unpublished ... also filed: KCA 2.4 / 04 KCA 2.5 / 04 KCA 2.7 / 03 confidential	No	No		Bayer
KCA 2.2 / 05	Weilbaeher, R.	2008	1st addendum to certificate AZ 14153 Bayer Report No.: M-298849-01-1 Date: 2008-03-12 GLP/GEP: n.a., unpublished ... also filed: KCA 2.4 / 05 KCA 2.5 / 05 KCA 2.7 / 04 confidential	No	No		Bayer
KCA 2.2 / 06	Ziemer, F.	2012	Deltamethrin (AE F032640): Calculation of the Henry's law constant Bayer Report No.: AF12/060 Edition Number: M-441192-01-1 Date: 2012-11-12 GLP/GEP: No, unpublished	No	No		Bayer
KCA 2.3 / 01	Thomas, E. A.; Sweetapple, G. G.	1990	Deltamethrin active ingredient: Determination of color, physical state, odor, density and pH. Ricerca, Inc., USA Bayer Report No.: A70752 Edition Number: M-149246-01-1 Date: 1990-03-29 GLP/GEP: Yes, unpublished ... also filed: KCA 2.14 / 05	No	Yes		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
KCA 2.3 / 02	Sweetapple, G. G.	1990	Deltamethrin active ingredient: Determination of melting point. Ricerca, Inc., USA Bayer Report No.: A70753 Edition Number: M-149247-01-1 Date: 1990-03-29 GLP/GEP: Yes, unpublished ... also filed: KCA 2.1 / 01 KCA 2.14 / 04	No	Yes		Bayer
KCA 2.3 / 03	Ziemer, F.; Strunk, B.	2012	Deltamethrin (AE F032640): Physical characteristics colour, physical state and odour Bayer Report No.: PA12/088 Edition Number: M-440685-01-1 Date: 2012-10-31 GLP/GEP: Yes, unpublished	No	Yes	Study performed on sample reflecting current quality	Bayer
KCA 2.3 / 04	Cichy, M.	2012	Deltamethrin (AE F032640) - AE F032640-01-11 Bayer Report No.: 09084-01 Edition Number: M-384805-02-1 Date: 2012-04-26 GLP/GEP: n.a., unpublished ... also filed: KCA 2.1 / 04 KCA 2.6 / 05 KCA 2.8 / 07 KCA 2.9 / 06 confidential	No	No		Bayer
KCA 2.4 / 01	Devaux, P.	1993	Deltamethrin: Structural analysis. AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer Report No.: A70764 Edition Number: M-149258-01-1 Date: 1993-11-23 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.4 / 02	Maurer, T.; Schaefer, D.	2002	Additional information on hydrolysis of deltamethrin at pH8 and contribution of hydrolysis to the overall dissipation of deltamethrin from surface/natural water bodies Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C018813 Edition Number: M-206738-01-1 Date: 2002-01-21 GLP/GEP: No, unpublished ... also filed: KCA 7.2.1.1 / 02 KCA 7.2.1.2 / 04	No	No		Bayer
KCA 2.4 / 03	Cichy, M.; Junker, H.; Doerner- Rieping, S.	2013	Amendment No 1 to spectral data (UV / VIS, IR, 1H-NMR, 13C-NMR, MS) and molar extinction coefficients for deltamethrin (AE F032640) Bayer Report No.: PA11/084 Edition Number: M-420781-02-1 Date: 2011-12-19 ... amended: 2013-05-22 GLP/GEP: Yes, unpublished	No	Yes	Deficiencies in old study	Bayer
KCA 2.4 / 04	Weilbaeher, R.	2007	Deltamethrin (AE F032640) - AE F032640 00 1B99 0012 Bayer Report No.: AZ 14153 Edition Number: M-289644-01-1 Date: 2007-06-28 GLP/GEP: n.a., unpublished ... also filed: KCA 2.2 / 04 KCA 2.5 / 04 KCA 2.7 / 03	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.4 / 05	Weilbaeher, R.	2008	1st addendum to certificate AZ 14153 Bayer Report No.: M-298849-01-1 Date: 2008-03-12 GLP/GEP: n.a., unpublished ... also filed: KCA 2.2 / 05 KCA 2.5 / 05 KCA 2.7 / 04 confidential	No	No		Bayer
KCA 2.4 / 06	Cichy, M.	2009	Determination of the specific optical rotation of deltamethrin (AE F032640) Bayer Report No.: AF09/008 Edition Number: M-337809-01-1 Date: 2009-03-02 GLP/GEP: No, unpublished	No	No		Bayer
KCA 2.4 / 07	Bowen, T.	2008	Certificate of analysis of deltamethrin (AE F032640) - AE F032640-01-06 Bayer Report No.: AZ 15443 Edition Number: M-309552-01-1 Date: 2008-10-21 GLP/GEP: n.a., unpublished confidential	No	No		Bayer
KCA 2.4 / 08	Golka, I.; Patzke, D.	2018	Determination of the specific optical rotation of five batches of technical deltamethrin (AE F032640) Bayer Report No.: PA18/069 Edition Number: M-642212-01-1 Date: 2018-11-26 GLP/GEP: Yes, unpublished ... also filed: KCA 1.9 / 04	No	Yes		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
KCA 2.5 / 01	Yoder, S. J.	1990	Deltamethrin A.I. - Determination of solubility in water, n-Octanol, and Xylenes. Ricerca, Inc., Analytical Services, Painesville, OH, USA Bayer Report No.: A45109 Edition Number: M-129043-01-1 Date: 1990-10-04 GLP/GEP: Yes, unpublished ... also filed: KCA 2.6 / 01	No	Yes		Bayer
KCA 2.5 / 02	Muehlberger, B.; Jordan, G.	2000	Solubility in water at 20 degrees C - Deltamethrin, substance: pure - Code: AE F032640 00 1B99 0012 Aventis Research & Technologies Deutschland GmbH & Co KG, Analytisches Laboratorium, Frankfurt am Main, Germany Bayer Report No.: C009221 Edition Number: M-198231-01-1 Date: 2000-08-02 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.5 / 03	Bogdoll, B.; Strunk, B.	2012	Solubility of deltamethrin (AE F032640) in distilled water (column elution method) Bayer Report No.: PA09/042 Edition Number: M-439336-01-1 Date: 2012-10-10 GLP/GEP: Yes, unpublished	No	Yes	Deficiencies in old study	Bayer
KCA 2.5 / 04	Weilbaeher, R.	2007	Deltamethrin (AE F032640) - AE F032640 00 1B99 0012 Bayer Report No.: AZ 14153 Edition Number: M-289644-01-1 Date: 2007-06-28 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.2 / 04 KCA 2.4 / 04 KCA 2.7 / 03	No	No		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
KCA 2.5 / 05	Weilbaeher, R.	2008	1st addendum to certificate AZ 14153 Bayer Report No.: M-298849-01-1 Date: 2008-03-12 GLP/GEP: n.a., unpublished ... also filed: KCA 2.2 / 05 KCA 2.4 / 05 KCA 2.7 / 04 confidential	No	No		Bayer
KCA 2.6 / 01	Yoder, S. J.	1990	Deltamethrin A.I. - Determination of solubility in water, n-Octanol, and Xylenes. Ricerca, Inc., Analytical Services, Painesville, OH, USA Bayer Report No.: A45109 Edition Number: M-129043-01-1 Date: 1990-10-04 GLP/GEP: Yes, unpublished ... also filed: KCA 2.5 / 01	No	Yes		Bayer
KCA 2.6 / 02	Muehlberger, B.; Jordan, G.	2000	Solubility in organic solvents at 20 degrees C Deltamethrin substance technical Code: AE F032640 00 1D99 0002 Aventis Research & Technologies Deutschland GmbH & Co KG, Analytisches Laboratorium, Frankfurt am Main, Germany Bayer Report No.: C009220 Edition Number: M-198230-01-1 Date: 2000-08-02 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.6 / 03	Taranta, C.; Rexer, K.	2000	Determination of the storage stability (Accelerated storage test 14 days at 54 degrees C) Deltamethrin emulsifiable concentrate 25 g/L Code: AE F032640 00 EC03 B008 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C008271 Edition Number: M-197340-01-1 Date: 2000-04-14 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.6 / 04	Wiche, A.; Ziemer, F.	2012	Deltamethrin (AE F032640), technical substance: Solubility in organic solvents Bayer Report No.: PA12/089 Edition Number: M-439977-01-1 Date: 2012-10-16 GLP/GEP: Yes, unpublished	No	Yes	Deficiencies in old study	Bayer
KCA 2.6 / 05	Cichy, M.	2012	Deltamethrin (AE F032640) - AE F032640-01-11 Bayer Report No.: 09084-01 Edition Number: M-384805-02-1 Date: 2012-04-26 GLP/GEP: n.a., unpublished ... also filed: KCA 2.1 / 04 KCA 2.3 / 04 KCA 2.8 / 07 KCA 2.9 / 06 confidential	No	No		Bayer
KCA 2.7 / 01	Yoder, S. J.	1991	Deltamethrin A.I. - Determination of Octanol/Water partition coefficient. Ricerca, Inc., Analytical Services, Painesville, OH, USA Bayer Report No.: A47915 Edition Number: M-136655-01-1 Date: 1991-09-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.7 / 02	Wiche, A.; Bogdoll, B.	2012	Deltamethrin (AE F032640), pure substance: Partition coefficient 1-octanol / water (HPLC method) Bayer Report No.: PA10/070 Edition Number: M-437011-01-1 Date: 2012-08-17 GLP/GEP: Yes, unpublished	No	Yes	Recommended method applied in new study	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
KCA 2.7 / 03	Weilbaecher, R.	2007	Deltamethrin (AE F032640) - AE F032640 00 1B99 0012 Bayer Report No.: AZ 14153 Edition Number: M-289644-01-1 Date: 2007-06-28 GLP/GEP: n.a., unpublished ... also filed: KCA 2.2 / 04 KCA 2.4 / 04 KCA 2.5 / 04 confidential	No	No		Bayer
KCA 2.7 / 04	Weilbaecher, R.	2008	1st addendum to certificate AZ 14153 Bayer Report No.: M-298849-01-1 Date: 2008-03-12 GLP/GEP: n.a., unpublished ... also filed: KCA 2.2 / 05 KCA 2.4 / 05 KCA 2.5 / 05 confidential	No	No		Bayer
KCA 2.7 / 05	Eyrich, U.; Ziemer, F.	2013	BCS-BY84407 (4'OH-Deltamethrin): Partition coefficients 1-octanol / water at pH 5, pH 7 and pH 9 (HPLC method) Bayer Report No.: PA13/028 Edition Number: M-454807-01-1 Date: 2013-05-29 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.7 / 06	Doerner- Rieping, S.	2012	Deltamethrin (AE F032640) - BCS-BY84407-01-01 Bayer Report No.: 09494-00 Edition Number: M-441171-01-1 Date: 2012-11-08 GLP/GEP: n.a., unpublished ... also filed: KCA 2.14 / 09 confidential	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.7 / 07	Ziemer, F.; Kloeckner, C.	2013	BCS-CW57835 (Serinyl-BrCA): Partition coefficients 1-octanol / water at pH 5, pH 7 and pH 9 (shake flask method) Bayer Report No.: PA13/015 Edition Number: M-451650-01-1 Date: 2013-04-19 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.7 / 08	Doerner- Rieping, S.	2012	Deltamethrin (AE F032640) - BCS-CW57835-01-01 Bayer Report No.: 09495-00 Edition Number: M-441562-01-1 Date: 2012-11-08 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.14 / 11	No	No		Bayer
KCA 2.7 / 09	Wiche, A.; Bogdoll, B.	2012	AE F108569 (alpha-R-isomer of deltamethrin): Partition coefficient 1-octanol / water (HPLC method) Bayer Report No.: PA10/067 Edition Number: M-437019-01-1 Date: 2012-08-17 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.7 / 10	Weilbaecher, R.	2009	Deltamethrin (AE F032640) - AE F108569-PU-02 Bayer Report No.: AZ 15832 Edition Number: M-346741-01-1 Date: 2009-04-28 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.14 / 13	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.7 / 11	Wiche, A.; Bogdoll, B.	2012	AE 0035073 (trans-isomer of Deltamethrin): Partition coefficient 1-octanol / water (HPLC method) Bayer Report No.: PA10/068 Edition Number: M-435781-01-1 Date: 2012-07-30 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.7 / 12	Bogdoll, B.; Eyrich, U.	2012	AE 0035073 (trans-isomer of deltamethrin): Partition coefficient 1-octanol / water (slow stirring method) Bayer Report No.: PA10/081 Edition Number: M-436125-01-1 Date: 2012-08-01 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.7 / 13	Weilbaecher, R.	2010	Deltamethrin (AE F032640) - AE 0035073 00 1B97 0001 Bayer Report No.: AZ 16455 Edition Number: M-364155-01-1 Date: 2010-02-23 GLP/GEP: n.a., unpublished ... also filed: KCA 2.14 / 15 confidential	No	No		Bayer
KCA 2.7 / 14	Eyrich, U.; Bogdoll, B.	2012	AE F108565 (Br2CA): Partition coefficients 1-octanol / water at pH 5, pH 7 and pH 9 (shake flask method) Bayer Report No.: PA10/064 Edition Number: M-432956-01-1 Date: 2012-06-20 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.7 / 15	Heun, U.	2005	AE F108565 00 1B99 0001 (Project: Deltamethrin (AE F032640)) Bayer Report No.: AZ12928 Edition Number: M-259102-01-1 Date: 2005-10-17 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.14 / 19	No	No		Bayer
KCA 2.7 / 16	Eyrich, U.; Peschke, C.; Bogdoll, B.	2012	AE F109036 (mPBacid): Partition coefficients 1-octanol / water at pH 5, pH 7 and pH 9 (shake flask method) Bayer Report No.: PA10/066 Edition Number: M-435852-01-1 Date: 2012-07-26 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.7 / 17	Weilbaeher, R.	2010	Deltamethrin (AE F032640) - AE F109036 00 1B99 0001 Bayer Report No.: AZ 16815 Edition Number: M-388654-01-1 Date: 2010-08-17 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.14 / 24	No	No		Bayer
KCA 2.7 / 18	Wiche, A.; Bogdoll, B.	2012	AE F114152 (mPBald): Partition coefficient 1-octanol / water (HPLC method) Bayer Report No.: PA10/065 Edition Number: M-437023-01-1 Date: 2012-08-17 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	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
KCA 2.7 / 19	Weilbaeher, R.	2008	Deltamethrin (AE F032640) - AE F114152 00 1B98 0001 Bayer Report No.: AZ 14984 Edition Number: M-301211-01-1 Date: 2008-04-22 GLP/GEP: n.a., unpublished ... also filed: KCA 2.14 / 27 confidential	No	No		Bayer
KCA 2.8 / 01	Lasselin, C.	1995	Compatibilites du Decis. Procida Roussel Uclaf, France Bayer Report No.: A71241 Edition Number: M-149708-01-1 Date: 1995-04-18 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 2.8 / 02	Smith, A. M.	1990	Determination of aqueous hydrolysis rate constant and half-life of deltamethrin. Bionomics Laboratories, USA Bayer Report No.: A45079 Edition Number: M-129026-01-1 Date: 1990-07-02 GLP/GEP: Yes, unpublished ... also filed: KCA 7.2.1.1 / 03	No	Yes		Bayer
KCA 2.8 / 03	Wang, W. W.; Reynolds, J. L.	1991	Aqueous photolysis of 14C-deltamethrin XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A47960 Edition Number: M-136754-01-1 Date: 1991-07-18 GLP/GEP: Yes, unpublished ... also filed: KCA 7.2.1.2 / 01	No	Yes		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
KCA 2.8 / 04	Maurer, T.	2000	Determination of the quantum yield of direct photolysis in aqueous solution Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C008524 Edition Number: M-197547-01-1 Date: 2000-05-26 GLP/GEP: No, unpublished	No	No		Bayer
KCA 2.8 / 05	Ziener, F.	2013	Deltamethrin (AE F032640): Statement on the dissociation constant / pH- independency of the water solubility and partition coefficient Bayer Report No.: AF12/053 Edition Number: M-461537-01-1 Date: 2013-08-09 GLP/GEP: No, unpublished	No	No		Bayer
KCA 2.8 / 06	Eyrich, U.; Ziener, F.	2012	Deltamethrin (AE F032640): Determination of the pH-value in distilled water Bayer Report No.: PA12/090 Edition Number: M-441961-01-1 Date: 2012-11-21 GLP/GEP: Yes, unpublished	No	Yes	Study performed on sample reflecting current quality	Bayer
KCA 2.8 / 07	Cichy, M.	2012	Deltamethrin (AE F032640) - AE F032640-01-11 Bayer Report No.: 09084-01 Edition Number: M-384805-02-1 Date: 2012-04-26 GLP/GEP: n.a., unpublished ... also filed: KCA 2.1 / 04 KCA 2.3 / 04 KCA 2.6 / 05 KCA 2.9 / 06	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.9 / 01	Hoffmann, H.	1996	Deltamethrin substance, technical 5 N 0501 B Flammability (solids) Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A56167 Edition Number: M-140002-01-1 Date: 1996-01-19 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.9 / 02	Hoffmann, H.	1996	Deltamethrin substance, technical: Flammability (solids). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A70970 Edition Number: M-149452-01-1 Date: 1996-01-19 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.9 / 03	Le Tacon, Y.	1988	Test d'inflammabilité d'une poudre au repos. Roussel Uclaf, Romainville, France Bayer Report No.: A70750 Edition Number: M-149244-01-1 Date: 1988-04-17 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 2.9 / 04	Hoffmann, H.	1996	Deltamethrin substance, technical: Auto-flammability (solids - determination of relative self-ignition temperature). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A70971 Edition Number: M-149453-01-1 Date: 1996-01-19 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.9 / 05	Smeykal, H.	2012	Deltamethrin (AE F032640), technical substance: Auto - flammability (UN Bowes - Cameron - Cage - Test) Siemens AG, Frankfurt am Main, Germany Bayer Report No.: 20120214.02 Edition Number: M-440485-01-1 Date: 2012-10-23 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement	Bayer

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KCA 2.9 / 06	Cichy, M.	2012	Deltamethrin (AE F032640) - AE F032640-01-11 Bayer Report No.: 09084-01 Edition Number: M-384805-02-1 Date: 2012-04-26 GLP/GEP: n.a., unpublished ... also filed: KCA 2.1 / 04 KCA 2.3 / 04 KCA 2.6 / 05 KCA 2.8 / 07 confidential	No	No		Bayer
KCA 2.11 / 01	Pedelaborde, J.; Ravelojaona, J. L.	1985	Resultats obtenus sur l'etude de la severite et de la sensibilite des poudres a l'explosion. Roussel Uclaf, Romainville, France Bayer Report No.: A70749 Edition Number: M-149243-01-1 Date: 1985-01-01 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 2.11 / 02	Smeykal, H.	2000	Explosive properties Deltamethrin substance, technical Code: AE F032640 00 1D98 0002 Axiva GmbH, Frankfurt am Main, Germany Bayer Report No.: C010909 Edition Number: M-199829-01-1 Date: 2000-12-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 2.12 / 01	Ziemer, F.	2013	Deltamethrin (AE F032640): Statement on the surface tension Bayer Report No.: AF12/054 Edition Number: M-461541-01-1 Date: 2013-08-09 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.13 / 01	Smeykal, H.	2005	Oxidizing properties Deltamethrin (AE F032640); substance, technical Code: AE F032640 00 1D98 0002 Siemens AG, Frankfurt am Main, Germany Bayer Report No.: C047050 Edition Number: M-247780-01-1 Date: 2005-02-24 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement	Bayer
KCA 2.13 / 02	Cichy, M.; Andrieux, M.	2003	Certificate of Analysis No. AZ 10689 Bayer Report No.: C033589 Edition Number: M-233444-01-1 Date: 2003-06-04 GLP/GEP: n.a., unpublished confidential	No	No		Bayer
KCA 2.14 / 01	Maier, T.; Rexer, K.	1988	Deltamethrin substance, technical. Decomposition point. Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A38362 Edition Number: M-120009-01-1 Date: 1988-06-23 GLP/GEP: No, unpublished ... also filed: KCA 2.1 / 02	No	No		Bayer
KCA 2.14 / 02	Sanders, J. M.	1991	Deltamethrin A.I.: Determination of stability. Ricerca, Inc., USA Bayer Report No.: A70762 Edition Number: M-149256-01-1 Date: 1991-10-01 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 2.14 / 03	Meichsner, C.	1999	Calculation of the indirect photolysis reaction using the incremental method of Atkinson and the Program AOPWIN, Version 1.80 Deltamethrin InfraServ GmbH & Co Hoechst KG, Frankfurt am Main, Germany Bayer Report No.: C002214 Edition Number: M-184105-01-1 Date: 1999-01-19 GLP/GEP: No, unpublished ... also filed: KCA 7.3 / 01	No	No		Bayer
KCA 2.14 / 04	Sweetapple, G. G.	1990	Deltamethrin active ingredient: Determination of melting point. Ricerca, Inc., USA Bayer Report No.: A70753 Edition Number: M-149247-01-1 Date: 1990-03-29 GLP/GEP: Yes, unpublished ... also filed: KCA 2.1 / 01 KCA 2.3 / 02	No	Yes		Bayer
KCA 2.14 / 05	Thomas, E. A.; Sweetapple, G. G.	1990	Deltamethrin active ingredient: Determination of color, physical state, odor, density and pH. Ricerca, Inc., USA Bayer Report No.: A70752 Edition Number: M-149246-01-1 Date: 1990-03-29 GLP/GEP: Yes, unpublished ... also filed: KCA 2.3 / 01	No	Yes		Bayer
KCA 2.14 / 06	Bogdoll, B.; Strunk, B.	2007	Relative density of deltamethrin (AE F032640) Bayer Report No.: PA07/040 Edition Number: M-287997-01-1 Date: 2007-05-21 GLP/GEP: Yes, unpublished	No	Yes	Old studies with deficiencies and were not conducted under required GLP	Bayer

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KCA 2.14 / 07	Cichy, M.	2007	Certificate of analysis of deltamethrin (AE F032640) - AE F032640-01-01 Bayer Report No.: AZ 14195 Edition Number: M-287922-01-1 Date: 2007-05-14 GLP/GEP: n.a., unpublished confidential	No	No		Bayer
KCA 2.14 / 08	Zierner, F.; Strunk, B.	2013	BCS-BY84407 (4'OH-deltamethrin): Water solubility at pH 5, pH 7 and pH 9 (column elution method) Bayer Report No.: PA12/128 Edition Number: M-458305-01-1 Date: 2013-06-25 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 09	Doerner- Rieping, S.	2012	Deltamethrin (AE F032640) - BCS-BY84407-01-01 Bayer Report No.: 09494-00 Edition Number: M-441171-01-1 Date: 2012-11-08 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.7 / 06	No	No		Bayer
KCA 2.14 / 10	Wiche, A.; Zierner, F.	2013	Amendment no 1 to study report PA12/127 - BCS-CW57835 (Serinyl-BrCA): Water solubility at pH 5, pH 7 and pH 9 (flask method) Bayer Report No.: M-448165-02-1 Date: 2013-02-14 ... amended: 2013-02-26 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer

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KCA 2.14 / 11	Doerner-Rieping, S.	2012	Deltamethrin (AE F032640) - BCS-CW57835-01-01 Bayer Report No.: 09495-00 Edition Number: M-441562-01-1 Date: 2012-11-08 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.7 / 08	No	No		Bayer
KCA 2.14 / 12	Bogdoll, B.; Strunk, B.; Zoellner, P.	2012	AE F108569 (alpha-R-isomer of deltamethrin): Solubility in distilled water (column elution method) Bayer Report No.: PA10/087 Edition Number: M-438538-01-1 Date: 2012-09-12 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 13	Weilbaecher, R.	2009	Deltamethrin (AE F032640) - AE F108569-PU-02 Bayer Report No.: AZ 15832 Edition Number: M-346741-01-1 Date: 2009-04-28 GLP/GEP: n.a., unpublished confidential ... also filed: KCA 2.7 / 10	No	No		Bayer
KCA 2.14 / 14	Bogdoll, B.; Strunk, B.	2012	AE 0035073 (trans-isomer of deltamethrin): Solubility in distilled water (column elution method) Bayer Report No.: PA10/080 Edition Number: M-436161-01-1 Date: 2012-08-01 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer

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KCA 2.14 / 15	Weilbaeher, R.	2010	Deltamethrin (AE F032640) - AE 0035073 00 1B97 0001 Bayer Report No.: AZ 16455 Edition Number: M-364155-01-1 Date: 2010-02-23 GLP/GEP: n.a., unpublished ... also filed: KCA 2.7 / 13 confidential	No	No		Bayer
KCA 2.14 / 16	Wiche, A.; Bogdoll, B.	2012	AE F108565 (Br2CA): Solubility in water at pH 5, pH 7 and pH 9 Bayer Report No.: PA10/073 Edition Number: M-435779-01-1 Date: 2012-07-30 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 17	Wiche, A.; Bogdoll, B.	2012	AE F108565 (Br2CA): Determination of the dissociation constant in water Bayer Report No.: PA11/020 Edition Number: M-435776-01-1 Date: 2012-07-30 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 18	Dornhagen, J.	2012	AE F108565 (Br2CA): Vapour pressure Siemens AG, Frankfurt am Main, Germany Bayer Report No.: 20110093.01 Edition Number: M-438493-01-1 Date: 2012-08-02 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 19	Heun, U.	2005	AE F108565 00 1B99 0001 (Project: Deltamethrin (AE F032640)) Bayer Report No.: AZ12928 Edition Number: M-259102-01-1 Date: 2005-10-17 GLP/GEP: n.a., unpublished ... also filed: KCA 2.7 / 15 confidential	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 2.14 / 20	Bogdoll, B.	2012	AE F108565 (Br2CA): Calculation of the Henry's law constants Bayer Report No.: AF12/008 Edition Number: M-438768-01-1 Date: 2012-09-25 GLP/GEP: No, unpublished	No	No		Bayer
KCA 2.14 / 21	Eyrich, U.; Strunk, B.; Bogdoll, B.	2012	AE F109036 (mPBacid): Water solubility at pH 5, pH 7 and pH 9 (flask method) Bayer Report No.: PA10/072 Edition Number: M-435849-01-1 Date: 2012-07-26 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 22	Wiche, A.; Bogdoll, B.	2012	AE F109036 (mPBacid): Determination of the dissociation constant in water Bayer Report No.: PA10/086 Edition Number: M-436010-01-1 Date: 2012-08-01 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 23	Dornhagen, J.	2012	AE F109036 (mPBacid): Vapour pressure Siemens AG, Frankfurt am Main, Germany Bayer Report No.: 20110094.01 Edition Number: M-438491-01-1 Date: 2012-08-15 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 24	Weilbaeher, R.	2010	Deltamethrin (AE F032640) - AE F109036 00 1B99 0001 Bayer Report No.: AZ 16815 Edition Number: M-388654-01-1 Date: 2010-08-17 GLP/GEP: n.a., unpublished ... also filed: KCA 2.7 / 17	No	No		Bayer

confidential

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 2.14 / 25	Bogdoll, B.	2012	AE F109036 (mPBacid): Calculation of the Henry's law constants Bayer Report No.: AF12/009 Edition Number: M-438764-01-1 Date: 2012-09-25 GLP/GEP: No, unpublished	No	No		Bayer
KCA 2.14 / 26	Eyrich, U.; Bogdoll, B.	2012	AE F114152 (mPBald): Solubility in distilled water (flask method) Bayer Report No.: PA10/049 Edition Number: M-436138-01-1 Date: 2012-08-08 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new data requirement for a metabolite	Bayer
KCA 2.14 / 27	Weilbaeher, R.	2008	Deltamethrin (AE F032640) - AE F114152 00 1B98 0001 Bayer Report No.: AZ 14984 Edition Number: M-301211-01-1 Date: 2008-04-22 GLP/GEP: n.a., unpublished ... also filed: KCA 2.7 / 19	No	No		Bayer
KCA 2.14 / 28	Bogdoll, B.	2012	Statement on the oxidizability of AE F114152 (3-phenoxybenzaldehyde, mPBald) Bayer Report No.: AF12/061 Edition Number: M-439613-01-1 Date: 2012-10-15 GLP/GEP: No, unpublished	No	No		Bayer
KCA 3.7 / 01	Nauen, R.	2014	Deltamethrin- Resistance risk assessment Bayer Report No.: M-475220-01-2 Date: 2014-02-20 GLP/GEP: n.a., unpublished	No	No		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
KCA 3.7 / 02	Davies, T.; Field, L.; Usherwood, P.; Williamson, M.	2008	DDT, pyrethrins, pyrethroids and insect sodium channels Publisher: Int. Union of Biochemistry and Molecular Biology (IUBMB) Location: http://onlinelibrary.wiley.com/doi/10.1002/tbmb.v59:3/issuetoc Journal: IUBMB Life, Volume 59, Issue 3, 2007 Pages: 151-162 Year: 2008 Report No.: M-476143-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 03	Foster, S.; Paul, V.; Slater, R.; Warren, A.; Denholm, I.; Field, L.; Williamson, M.	2013	A mutation (L1014F) in the voltage-gated sodium channel of the grain aphid, Sitobion avenae, is associated with resistance to pyrethroid insecticides Publisher: Society of Chemical Industry Location: http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1526-4998 Journal: Pest Management Science, Volume 70, Issue 8, 2014 Year: 2013 Report No.: M-476148-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 04	Khambay, B.P.S.; Jewess, P. J.	2005	Pyrethroids Publisher: Elsevier Location: Amsterdam et al. Journal: Comprehensive Molecular Insect Science - Volume 6 (Monogr.) Volume: 6 Issue: n.a. Pages: 1-29 Year: 2005 Report No.: M-475453-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 05	Nauen, R.; Zimmer, C.; Andrews, M.; Slater, R.; Bass, C.; Ekbom, B.; Gustafsson, G.; Hansen, L.; Kristensen, M.; Zebitz, C.; Williamson, M.	2012	Target-site resistance to pyrethroids in European populations of pollen beetle, Meligethes aeneus F. Publisher: Elsevier Inc. Location: http://www.sciencedirect.com/science/journal/00483575/103/3 Journal: Pesticide Biochemistry and Physiology, Volume 103, Issue 3, 2012 Pages: 173-180 Year: 2012 Report No.: M-476145-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 3.7 / 06	Pulman, D.	2011	Deltamethrin: The Cream of the Crop. Journal: J. Agric. Food Chem., Volume 59, Issue 7, Page 2770-2772, Publication Year 2011 Report No.: M-475454-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 07	Rinkevich, F.; Du, Y.; Dong, K.	2013	Diversity and convergence of sodium channel mutations involved in resistance to pyrethroids Publisher: Elsevier Inc. Location: http://www.sciencedirect.com/science/journal/00483575/106/3 Journal: Pesticide Biochemistry and Physiology, Volume 106, Issue 3, 2013 Pages: 93-100 Year: 2013 Report No.: M-476149-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 08	Soderlund, D.	2008	Pyrethroids, knockdown resistance and sodium channels Publisher: Society of Chemical Industry Location: http://onlinelibrary.wiley.com/doi/10.1002/ps.1574/abstract Journal: Pest Management Science, Volume 64, Issue 6, 2008 Pages: 610-616 Year: 2008 Report No.: M-476144-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 09	Tan, J.; Mccaffery, A.	2007	Efficacy of various pyrethroid structures against a highly metabolically resistant isogenic strain of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) from China. Publisher: Society of Chemical Industry Location: http://onlinelibrary.wiley.com/doi/10.1002/ps.v63:10/issuetoc Journal: Pest Management Science, Volume 63, Issue 10, 2007 Pages: 960-968 Year: 2007 Report No.: M-476146-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 3.7 / 10	Vontas, J.; Ranson, H.; Williamson, M. S.	2010	Addendum: Pyrethroid insecticides and resistance mechanisms Publisher: Elsevier B.V. Pages: 30-34 Year: 2010 Report No.: M-476488-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 11	Wirtz, K.; Bala, S.; Amann, A.; Elbert, A.	2009	A promise extended- future role of pyrethroids in agriculture Journal: Bayer Crop Science Journal Volume: 62 Issue: 2 Pages: 145-157 Year: 2009 Report No.: M-475764-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 12	Nauen, R.; Zimmer, C.	2011	Cytochrome P450 mediated pyrethroid resistance in European populations of <i>Meligethes aeneus</i> (Coleoptera: Nitidulidae). Journal: Pestic. Biochem. Physiol., Volume 100, Issue 3, Page 264-272, Publication Year 2011 Year: 2011 Report No.: M-476147-01-1 GLP/GEP: n.a., published	No	No		published
KCA 3.7 / 13	Zimmer, C. T.; Mueller, A.; Heimbach, U.; Nauen, R.	2013	Target-site resistance to pyrethroid insecticides in German populations of the cabbage stem flea beetle, <i>Psylliodes chrysocephala</i> L. (Coleoptera: Chrysomelidae) Publisher: elsevier Journal: Pesticide Biochemistry and Physiology (2014), 108, 1-7 Year: 2014 Report No.: M-476162-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 3.8 / 01	Anon.	1994	Safety data sheet No. 2349. Procida Roussel Uclaf, France Bayer Report No.: A73927 Edition Number: M-152198-01-1 Date: 1994-01-07 GLP/GEP: n.a., unpublished ... also filed: KCA 3.10 / 01	No	No		Bayer
KCA 3.8 / 02	Anon.	2014	Deltamethrin technical Bayer Report No.: M-413057-03-1 Date: 2014-02-25 GLP/GEP: n.a., unpublished ... also filed: KCA 3.10 / 02 KCA Section 10 / 01	No	No		Bayer
KCA 3.9 / 01	Joly, R.	1977	Destruction of decamethrine. Roussel Uclaf, Romainville, France Bayer Report No.: A70737 Edition Number: M-149232-01-1 Date: 1977-04-30 GLP/GEP: No, unpublished	No	No		Bayer
KCA 3.9 / 02	Anon.	2000	Statement: Details of uses and further information: procedures for the decontamination of water in the case of an accident are required for the active substance deltamethrin Bayer Report No.: M-460292-01-1 Date: 2000-12-31 GLP/GEP: n.a., unpublished	No	No		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
KCA 3.9 / 03	Martinon, I.	2004	Deltamethrin Incineration as a safe means of disposal and pyrolytic behaviour under controlled conditions Code: AE F032640 Bayer Report No.: C046112 Edition Number: M-237661-01-1 Date: 2004-12-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 3.10 / 01	Anon.	1994	Safety data sheet No. 2349. Procida Roussel Uclaf, France Bayer Report No.: A73927 Edition Number: M-152198-01-1 Date: 1994-01-07 GLP/GEP: n.a., unpublished ... also filed: KCA 3.8 / 01	No	No		Bayer
KCA 3.10 / 02	Anon.	2014	Deltamethrin technical Bayer Report No.: M-413057-03-1 Date: 2014-02-25 GLP/GEP: n.a., unpublished ... also filed: KCA 3.8 / 02 KCA Section 10 / 01	No	No		Bayer
KCA 4.1.1 / 01	Giudicelli, J. C.	1990	Deltamethrin: Analytical method to verify certified limits. AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer Report No.: A70743 Edition Number: M-149238-01-1 Date: 1990-06-30 GLP/GEP: No, unpublished confidential	No	No		Bayer

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KCA 4.1.1 / 02	Budgen, P.	2000	Analytical method deltamethrin Determination of AE F108564 and AE 0034609 in technical grade and pure active ingredient by HPLC Deltamethrin technical grade active ingredient Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C010359 Edition Number: M-198876-01-1 Date: 2000-10-18 GLP/GEP: No, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 03	Hanks, A. R.	1990	Liquide chromatographic method for determination of technical deltamethrin and deltamethrin in pesticide formulations : CIPAC collaborative study. Association of Official Analytical Chemists -public data- Report No.: A70978 Edition Number: M-149460-01-1 Date: 1990-01-01 GLP/GEP: No, unpublished	No	No		-public data-
KCA 4.1.1 / 04	Martijn, A.; Dobrat, W.	1988	CIPAC - Analysis of technical and formulated pesticides (Deltamethrin). CIPAC; -public data- Report No.: A71086 Edition Number: M-149559-01-1 Date: 1988-01-01 GLP/GEP: No, unpublished	No	No		-public data-
KCA 4.1.1 / 05	Budgen, P.; Andel, M.	2000	Validation of the analytical method AL026/00-0 for the determination of AE F108564 and AE 0034609 in AE F032640 Deltamethrin technical grade active ingredient Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C010360 Edition Number: M-198878-01-1 Date: 2000-10-18 GLP/GEP: Yes, unpublished confidential	No	No		Bayer

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KCA 4.1.1 / 06	Budgen, P.; Patzke, D.	2000	Validation of the analytical method AL027/00-0 for the determination of AE F108569 and AE 0437894 in AE F032640 Deltamethrin technical grade active ingredient Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C010358 Edition Number: M-198874-01-1 Date: 2000-10-18 GLP/GEP: Yes, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 07	Budgen, P.; Guebert, C.	2000	Validation of the analytical method AL025/00-0 for the determination of AE F108565 and AE F108566 in AE F032640 Deltamethrin technical grade active ingredient Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C010356 Edition Number: M-198870-01-1 Date: 2000-10-18 GLP/GEP: Yes, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 08	Feucht, G.; Michel, A.	2003	Analytical method Quantification of AE F032640 (deltamethrin) in formulations (DP, EC, EG, EW, SC, TB, WDG, WP) and technical grade active ingredient by high performance liquid chromatography (HPLC) Bayer Report No.: AL003/99-3 Edition Number: M-232849-01-1 Date: 2003-07-17 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.1 / 09	Feucht, G.	2010	Validation of the analytical method AL003/99-2 for the determination of AE F032640 (active ingredient) in technical AE F032640 - Amendment 1 of report PA02/074 Bayer Report No.: PA02/074 A1 Edition Number: M-231645-02-2 Method Report No.: AL003/99-2 Date: 2003-03-24 ... amended: 2010-03-31 GLP/GEP: No, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 10	Anon.	2004	CIPAC Analytical method for Deltamethrin in TC, WG, WP, EC, SC, DP, WT, EG, EW & UL Bayer Report No.: M-274505-01-1 Date: 2004-12-31 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.1 / 11	Doerner-Rieping, S.; Junker, H.	2013	Determination of the enantiomeric purity of AE F032640 in technical grade and pure deltamethrin by high performance liquid chromatography (HPLC) Bayer Report No.: AM038013FP1 Edition Number: M-472746-01-1 Date: 2013-12-04 GLP/GEP: No, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 12	Cichy, M.; Junker, H.	2010	Validation of the analytical method AM028810FP2 determination of the enantiomeric purity in technical grade and pure deltamethrin (AE F032640) by high performance liquid chromatography (HPLC) Bayer Report No.: PA10/079 Edition Number: M-398212-01-1 Date: 2010-12-21 GLP/GEP: Yes, unpublished confidential	No	No		Bayer

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KCA 4.1.1 / 13	Doerner-Rieping, S.; Junker, H.	2013	Validation of analytical HPLC method AM038013FP1 - Determination of the enantiomeric purity of AE F032640 in technical grade and pure deltamethrin by high performance liquid chromatography (HPLC) - Deltamethrin (AE F032640) Bayer Report No.: PA13/107 Edition Number: M-472718-01-1 Date: 2013-11-26 GLP/GEP: No, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 14	Doerner-Rieping, S.; Perez-Diaz, C.	2014	Determination of by-products of deltamethrin (AE F032640) in technical grade and pure active substance by high performance liquid chromatography (HPLC) Bayer Report No.: AM034912FP1 Edition Number: M-469685-02-1 Date: 2013-11-15 ... amended: 2014-02-24 GLP/GEP: No, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 15	Doerner-Rieping, S.; Perez-Diaz, C.	2014	Amendment no1 to validation of analytical HPLC method AM034912FP1 - Determination of by-products of deltamethrin (AE F032640) in technical grade and pure active substance by high performance liquid chromatography (HPLC) Bayer Report No.: PA13/112 Edition Number: M-469686-02-1 Date: 2013-11-13 ... amended: 2014-02-24 GLP/GEP: Yes, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 16	Cichy, M.	2002	Determination of 1,2-dichloroethane (AE C504722) and 2-propanol (AE 0171363) in technical deltamethrin (AE F032640) by GC (analytical method) Code: AE F032640 (Deltamethrin) Bayer Report No.: C025631 Edition Number: M-209701-01-1 Date: 2002-08-02 GLP/GEP: No, unpublished confidential	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.1 / 17	Doerner-Rieping, S.	2016	Amendment no 1 to validation of the analytical method AL025/02-0 for the determination of 1,2-dichloroethane (AE C504722) and 2-propanol (AE 0171363) in technical deltamethrin (AE F032640) by GC Bayer Report No.: PA02/016 Edition Number: M-209703-01-1 Edition Number: M-209703-02-1 Date: 2002-09-10 ... amended: 2016-05-19 GLP/GEP: Yes, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 18	Doerner-Rieping, S.; Perez-Diaz, C.	2014	Determination of triethylamine (AE 0171388) in technical grade and pure deltamethrin (AE F032640) by gas chromatography (GC) Bayer Report No.: M-474272-01-1 Method Report No.: AM038413FP1 Date: 2014-01-14 GLP/GEP: No, unpublished confidential	No	No		Bayer
KCA 4.1.1 / 19	Doerner-Rieping, S.; Perez-Diaz, C.	2014	Validation of analytical method AM038413FP1 determination of triethylamine (AE 0171388) in technical grade and pure deltamethrin (AE F032640) by gas chromatography (GC) Bayer Report No.: PA13/136 Edition Number: M-474279-01-1 Date: 2014-01-14 GLP/GEP: Yes, unpublished confidential	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 01	Taylor, N. W.; Snowdon, P. J.	1996	Deltamethrin; analytical grade; active ingredient; Code: Hoe 032640 - Validation of analytical method; peaches; gas chromatography AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer Report No.: A56355 Report includes Trial Nos.: 203/07/001 Edition Number: M-140178-01-1 Date: 1996-05-03 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 02	Czarnecki, J. J.; McKinney, F. R.; Clayton, F. B.; Crotts, D. G.	1991	Validation of the analytical methodology for determination of combined residues of deltamethrin & trans-deltamethrin in cottonseed & cottonseed processed fractions. EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A71067 Edition Number: M-149543-02-1 Date: 1990-07-05 ... amended: 1991-08-08 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 03	Mestres, R.; Espinoza, C.; Chevallier, C.; Marti, G.	1979	Decamethrin residues analysis. Journal: Travaux de la Societe de Pharmacie de Montpellier Volume: 39 Issue: 4 Pages: 329;336 Year: 1979 Report No.: A71066 Edition Number: M-152254-01-2 GLP/GEP: n.a., published	No	No		published

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KCA 4.1.2 / 04	Martens, R.	1998	Analytical method and validation for the determination of residues of endosulfan and deltamethrin by GC Deltamethrin, endosulfan Code: AE F032640 and AE F002671 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C000413 Report includes Trial Nos.: CR97/028 Edition Number: M-180617-02-1 Date: 1998-08-24 ... amended: 1998-11-30 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 05	Martens, R.	1998	Validation of analytical method DGM F01/97-0 for residues of endosulfan and deltamethrin in cucumber, orange, melon and tomato Deltamethrin, endosulfan Code: AE F032640, AE F002671 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C001152 Edition Number: M-181877-01-1 Date: 1998-11-18 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 06	Martens, R.	2000	Validation of analytical method DGM F01/97-0 for dry crops (grain) Deltamethrin Endosulfan Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C006935 Edition Number: M-194895-01-1 Date: 2000-04-03 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 07	Thier, W. G.	1979	Analytical method for the determination of Hoe 32640 OI (deltamethrin) in biological materials Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A38979 Edition Number: M-251195-01-2 Date: 1979-09-20 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 08	Akhtar, M. H.	1982	Gas chromatographic determination of Deltamethrin in biological samples Journal: Journal of Chromatography Issue: 246 Pages: 81-87 Year: 1982 Report No.: A34911 Edition Number: M-115658-01-1 GLP/GEP: n.a., published	No	No		published
KCA 4.1.2 / 09	Baldi, B. G.; McKinney, F. R.	1994	Analytical method for the G.C. determination of cis-deltamethrin, trans-deltamethrin and alpha-R-deltamethrin in selected processed grain fractions, grain dusts and whole grain from corn, wheat, sorghum and rice. EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A71069 Edition Number: M-149544-01-1 Date: 1994-01-01 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 10	Supatto, F.	1995	RU 22974 - Assay procedure in oily crops (method and validation) Roussel Uclaf, Romainville, France Bayer Report No.: C016898 Edition Number: M-203267-01-1 Date: 1995-12-14 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 11	Maffezzoni, M.	2001	Analytical method for the determination of deltamethrin in crop ADME Bioanalyses S.A., Vergeze, France Bayer Report No.: C017436 Edition Number: M-204274-01-1 Date: 2001-11-27 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 4.1.2 / 12	Martens, R.	2000	Data generation and enforcement method for residues on plant material by GC Deltamethrin, Endosulfan Code: AE F032640, AE F002671 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C007949 Edition Number: M-240943-01-1 Date: 2000-03-28 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 13	Martens, R.	2000	Validation of analytical method DGM F01/97-1 for foodstuff of animal origin (milk, eggs, meat, fat, liver, kidney) Deltamethrin Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C009558 Edition Number: M-198798-01-1 Date: 2000-09-06 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 14	Haines, B.; Tauber, R.	2001	Independent Laboratory Validation for the Determination of Residues of Deltamethrin in Lettuce, Oranges, Milk and Fat and Endosulfan in Lettuce and Oranges Using Method DGM F01/97-1 Xenos Laboratories, Inc., Ottawa, ON, Canada Bayer Report No.: B003259 Edition Number: M-238899-01-1 Date: 2001-03-29 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 15	Benwell, L.	1992	Deltamethrin: The validation of the analytical method for the determination of residues in field beans and soil. Hazleton Lab., United Kingdom Bayer Report No.: A49410 Edition Number: M-138460-01-1 Date: 1992-10-01 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 16	Bixler, T. A.	1990	The GLC determination of the combined residues of deltamethrin and trans-deltamethrin in Mexican cherry tomatoes. Hoechst Roussel Agri-Vet Company, Somerville, NJ, USA Bayer Report No.: A71089 Edition Number: M-149562-01-1 Date: 1990-01-05 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 17	Grigor, A.	1991	Analytical method for the determination of deltamethrin, trans-deltamethrin and degradates in soil by gas chromatography. Chemalysis, Inc., USA Bayer Report No.: A48622 Edition Number: M-137727-01-1 Date: 1991-07-26 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 18	Mestres, R.; Chevallier, C.; Espinoza, C.	1978	Dosage des residus de decamethrine dans l'eau. University of Montpellier, Faculte de Pharmacie, Montpellier, France Bayer Report No.: A74147 Edition Number: M-152399-01-1 Date: 1978-07-08 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 19	Class, T.	2001	Analytical Method for the Determination of Deltamethrin in Surface Water PTRL Europe GmbH, Ulm, Germany Bayer Report No.: B003535 Report includes Trial Nos.: 01 G 31949 Edition Number: M-240561-01-1 Date: 2001-10-31 GLP/GEP: No, unpublished	No	No		Bayer

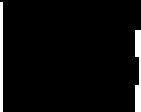

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KCA 4.1.2 / 20	Martens, R.	1999	Enforcement method and validation for water by GC Deltamethrin, endosulfan Code: AE F032640, AE F002671 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005528 Report includes Trial Nos.: CR99/023 Edition Number: M-192230-01-1 Date: 1999-10-05 GLP/GEP: Yes, unpublished	No	No		Bayer
KCA 4.1.2 / 21	Mestres, R.; Chevallier, C.; Espinoza, C.	1978	Analytical method for decamethrine residue analysis in water. University of Montpellier, Faculte de Pharmacie, Montpellier, France -public data- Report No.: A20239 Edition Number: M-093408-01-1 Date: 1978-07-08 GLP/GEP: No, unpublished	No	No		-public data-
KCA 4.1.2 / 22	Idstein, H.; Merz, H. D.; Klug, R.	1993	Bestimmung von Deltamethrin (Hoe 032640) in Luft mittels GC. Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A50771 Edition Number: M-131778-01-1 Date: 1993-06-02 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 23	Class, T.	1994	Determination of deltamethrin (Hoe 032640) in air by GC validation of the analytical method No.: AL005/93-0 provided by the sponsor. PTRL Europe GmbH, Ulm, Germany Bayer Report No.: A52594 Edition Number: M-133404-01-1 Date: 1994-03-31 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 24	Class, T.	1994	Validation of an analytical method for the determination of deltamethrin in air (Method and validation) PTRL Europe GmbH, Ulm, Germany Bayer Report No.: C012850 Report includes Trial Nos.: P138G Edition Number: M-203491-01-1 Date: 1994-03-01 GLP/GEP: Yes, unpublished	No	No		Bayer
KCA 4.1.2 / 25	Class, T.	2001	Validation of an Analytical Method for the Determinatin of Deltamethrin in Air PTRL Europe GmbH, Ulm, Germany Bayer Report No.: B003367 Report includes Trial Nos.: 01 G 31951 P 482 G Edition Number: M-240404-01-1 Date: 2001-06-29 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 26	Huff, D. K.; McKinney, F. R.	1994	Method development and validation for the determination of deltamethrin (alpha-R-, cis- and trans-) and tralomethrin in dairy cow tissues (with poultry matrices added by amendment). EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A71076 Edition Number: M-149550-01-1 Date: 1994-07-29 GLP/GEP: Yes, unpublished	No	Yes		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
KCA 4.1.2 / 27	Brumhard, B.	2005	Analytical method 00877 for the determination of total residues of deltamethrin (AE F032640) in / on soil and sediment by HPLC-MS/MS Bayer Report No.: C047210 Report includes Trial Nos.: 00877 Edition Number: M-247896-01-1 Date: 2005-03-04 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science.	Bayer
KCA 4.1.2 / 28	Brumhard, B.	2010	Analytical method 00877 for the determination of total residues of Deltamethrin (AE F032640) in/on soil and sediment by HPLC-MS/MS Bayer Report No.: 00877 Edition Number: M-246580-02-2 Method Report No.: MR-081/04 Date: 2005-03-04 ... amended: 2009-03-31 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science	Bayer
KCA 4.1.2 / 29	Brumhard, B.	2005	Analytical method 00886 for the determination of total residues of deltamethrin (AE F032640) in surface water by HPLC-MS/MS Bayer Report No.: C047388 Report includes Trial Nos.: 00886 Edition Number: M-248040-01-1 Date: 2005-03-04 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science	Bayer
KCA 4.1.2 / 30	Krebber, R.; Braune, M.	2007	Modification M001 of analytical method 00886 for the determination of total residues of deltamethrin (AE F032640) in surface water by HPLC-MS/MS Bayer Report No.: 00886/M001 Edition Number: M-291746-01-1 Method Report No.: MR-07/296 Date: 2007-08-21 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 31	Krebber, R.	2009	Analytical method 01127 for the determination of cyfluthrin and deltamethrin in blood by HPLC-MS/MS Bayer Report No.: MR-08/176 Edition Number: M-348630-01-1 Date: 2009-06-03 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I listing; required method improved according to the latest science	Bayer
KCA 4.1.2 / 32	Diot, R.	2004	Modification M001 to the analytical method 00855 for the determination of residues of deltamethrin (AE F032640) in/on apple, kiwi and plum by GC/MSD Bayer Report No.: C040164 Report includes Trial Nos.: 04-03 Edition Number: M-228400-01-1 Date: 2004-05-25 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I listing; required method improved according to the latest science	Bayer
KCA 4.1.2 / 33	Diot, R.	2004	Supplement E001 to the analytical method 00855/M001 for the determination of residues of deltamethrin (AE F032640) in/on pear, cherry, tomato, peach, and processed fractions of apple, pear and peach by GC/MSD Bayer Report No.: C042013 Report includes Trial Nos.: 04-05 Edition Number: M-231816-01-1 Date: 2004-05-28 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I listing; required method improved according to the latest science	Bayer
KCA 4.1.2 / 34	Diot, R.	2004	Supplement E002 to the analytical method 00855/M001 for the determination of residues of deltamethrin (AE F032640) in/on melon, zucchini, artichoke, pepper, sugar beet, field pea and lettuce by GC/MSD Bayer Report No.: C043675 Report includes Trial Nos.: 00855/M001/E002 04-08 Edition Number: M-234987-01-1 Date: 2004-09-07 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science to support also the representative use in sugar beet etc.	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
KCA 4.1.2 / 35	Zimmer, D.; Philipowski, C.	2004	Residue analytical method 00855/M002 for the determination of residues of cis-deltamethrin (AE F032640) in/on pepper (fruit), zucchini (fruit), tomato (fruit), olive (fruit), melon (fruit, pulp), sugarbeet (body, leaf with root collar), cob Bayer Report No.: 00855/M002 Report includes Trial Nos.: P602045501 Edition Number: M-236022-01-1 Date: 2004-10-05 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science to support also the representative use in sugar beet etc.	Bayer
KCA 4.1.2 / 37	Lakaschus, S.; Winter, O.	2009	Validation of BCS Method 00855/M004 for the Determination of cis-deltamethrin, trans-deltamethrin and alpha-R-deltamethrin in foodstuff of plant origin Eurofins Analytik GmbH, Dr. Specht Laboratorien, Hamburg, Germany Bayer Report No.: 00855/M004 Report includes Trial Nos.: EASSM/S09-02191 Edition Number: M-356934-01-1 Method Report No.: BAY-0904V Date: 2009-09-17 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science to support also the representative uses	Bayer
KCA 4.1.2 / 38	[REDACTED]	2000	Acute toxicity to Oncorhynchus mykiss (rainbow trout) in a static-renewal system Deltamethrin oil in water emulsion 15 g/L Code: AE F032640 00 EW01 B103 [REDACTED] Report No.: C008365 Edition Number: M-197428-01-1 Date: 2000-07-18 GLP/GEP: Yes, unpublished	Yes	Yes	Conducted to complete the risk assessment for aquatic organisms using the current representative formulation	Bayer
KCA 4.1.2 / 39	Sowig, P.; Gosch, H.; Weller, O.	2000	Acute toxicity to Daphnia magna (waterflea) Deltamethrin oil in water emulsion 15 g/L Code: AE F032640 00 EW01 B103 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C008334 Edition Number: M-197398-01-1 Date: 2000-07-05 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for aquatic organisms using the current representative formulation	Bayer

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KCA 4.1.2 / 40	Sowig, P.; Gosch, H.; Weller, O.	2000	Algal growth inhibition - Pseudokirchneriella subcapitata Deltamethrin oil in water emulsion 15 g/L Code: AE F032640 00 EW01 B103 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C008323 Edition Number: M-197387-01-1 Date: 2000-07-05 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for aquatic organisms using the current representative formulation	Bayer
KCA 4.1.2 / 41	Braune, M.	2011	Method 01307 for the determination of deltamethrin, α -R-isomer of deltamethrin and trans-isomer of deltamethrin in test water from aquatic toxicity tests by HPLC-MS/MS Bayer Report No.: 01307 Edition Number: M-410093-01-1 Method Report No.: MR-10/162 Date: 2011-06-15 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 42		2005	Fate and effects of Thiocloprid & Deltamethrin OD 100 + 10 in outdoor mesocosm ponds  Bayer Report No.: BAY-018/4-52 Edition Number: M-259938-01-2 Date: 2005-11-03 GLP/GEP: Yes, unpublished	Yes	Yes	Additional information to support refined risk assessment	Bayer
KCA 4.1.2 / 43	Krebber, R.; Braune, M.	2007	Analysis of deltamethrin concentrations in water samples of ECT study no. P1MA Bayer Report No.: MR-07/295 Edition Number: M-291848-01-1 Date: 2007-08-24 GLP/GEP: Yes, unpublished	No	Yes	Accompanying residue analysis for higher tier study on Asellus aquaticus (M-291885-02-1)	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 44	Schoening, R.; Willmes, J.	2013	Residue analytical method 01347 for the determination of residues of deltamethrin by HPLC with electrospray and MS/MS - detection Bayer Report No.: MR-012/067 Edition Number: M-444791-01-1 Date: 2013-01-14 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 45	██████████	1990	(LX 165-08, deltamethrin technical) - Acute (28-Day) toxicity to rainbow trout (Oncorhynchus mykiss) under flow-through conditions. ██ Bayer Report No.: A47111 Edition Number: M-135553-01-1 Date: 1990-04-11 GLP/GEP: Yes, unpublished ... also filed: KCA 8.2.1 / 03 KCA 8.2.2.1 / 01	Yes	Yes	This 28 day study was already evaluated during the last Annex I listing as a chronic study (AII 8.2.2.2/01). For the Annex I Renewal an acute 96 h- LC50 value derived from the same study, shall address point 8.2.1.	Bayer
KCA 4.1.2 / 46	Freitag, T.; Koch, V.	2011	Analytical method 01306 for the determination of deltamethrin and the metabolites a-R-deltamethrin and trans-deltamethrin in sediment by HPLC-MS/MS Bayer Report No.: MR-10/154 Edition Number: M-418179-01-1 Date: 2011-11-18 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 47	Braune, M.	2013	Method 01369 for the determination of BCS-BY84407 in test water by HPLC-MS/MS Bayer Report No.: MR-13/038 Edition Number: M-451312-01-1 Date: 2013-04-12 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 48	Braune, M.	2013	Analytical method 01371 for the determination of BCS-CW57835 in test water from aquatic toxicity tests by HPLC-UV Bayer Report No.: MR-13/043 Edition Number: M-451531-01-1 Date: 2013-04-17 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 49	Schoening, R.; Willmes, J.	2013	Determination of deltamethrin in feeding solutions from a 10d continuous honeybee feeding study (Study Number: S13-00151; Eurofins) Bayer Report No.: MR-13/135 Edition Number: M-469484-01-1 Date: 2013-11-13 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 50	Dix, M. E.	2013	Method validation for seven pyrethroids in formulated sediment by gas chromatography using mass selective detection with negative chemical ionization Smithers Viscient, Wareham, MA, USA Pyrethroid Working Group Report No.: 13656.6124 Edition Number: M-554274-01-1 Date: 2013-10-03 GLP/GEP: No, unpublished	No	No		Pyrethroid Working Group
KCA 4.1.2 / 51	Dix, M. E.	2015	Method validation for seven pyrethroids in freshwater by gas chromatography using selective detection with negative chemical ionization Smithers Viscient, Wareham, MA, USA Pyrethroid Working Group Report No.: 13656.6125 Edition Number: M-536985-01-1 Date: 2015-10-03 GLP/GEP: No, unpublished	No	No		Pyrethroid Working Group

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 52	Dix, M. E.	2013	Method extension for eight pyrethroids in freshwater by gas chromatography using mass selective detection with negative chemical ionization and liquid chromatography with mass spectrometry Smithers Viscient, Wareham, MA, USA Pyrethroid Working Group Report No.: 13656.6174 Edition Number: M-554282-01-1 Date: 2013-10-03 GLP/GEP: No, unpublished	No	No		Pyrethroid Working Group
KCA 4.1.2 / 53	Brumhard, B.; Loehrwald, K.H.	2007	Analysis of deltamethrin concentrations in sediment samples of ECT study no. P1MA Bayer Report No.: MR-07/297 Edition Number: M-291818-01-1 Date: 2007-08-22 GLP/GEP: Yes, unpublished	No	Yes	Accompanying residue analysis for higher tier study on <i>Asellus aquaticus</i> (M-291885-02-1)	Bayer
KCA 4.1.2 / 54	Schoening, R.; Diehl, P.	2013	Analytical phase report - Assessment of side effects on the honeybee (<i>Apis mellifera</i> L.), exposed to <i>Phacelia tanacetifolia</i> , sprayed sequentially with deltamethrin during flowering in a long-term field study in North Alsace, France Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-03820 Edition Number: M-451145-01-1 Date: 2013-04-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 4.1.2 / 55	Schoening, R.; Diehl, P.	2013	Analytical phase report - Assessment of side effects on the honeybee (<i>Apis mellifera</i> L.), exposed to <i>Phacelia tanacetifolia</i> , sprayed sequentially with deltamethrin during flowering in a long-term field study in Mid Alsace, France Bayer Report No.: S10-03824 Edition Number: M-451154-01-1 Date: 2013-04-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.1.2 / 56	Desmaris, F.; Diot, R.; Mousques, A.	2017	Deltamethrin - Questions by the RMS CRD on the analytical methods/validation relating to chemical active in the frame of AIR process Bayer Report No.: M-588243-01-1 Date: 2017-05-20 GLP/GEP: n.a., unpublished ... also filed: KCA 4.2 / 17	No	No		Bayer
KCA 4.1.2 / 36	Diot, R.	2004	Modification M003 to the analytical method 00855 for the determination of residues of deltamethrin (AE F032640) in/on olive and rape by GC/MSD and in/on Brussels sprout, rape and sugar beet by GC-MS/MS Bayer Report No.: C043677 Report includes Trial Nos.: 00855/M003 04-10 Edition Number: M-234990-01-1 Date: 2004-09-07 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; required method improved according to the latest science to support also the representative use in sugar beet etc.	Bayer
KCA 4.1.2 / 57	Desmaris, F.	2018	Additional chromatograms of study reports: RA-2409/03 (sugar beet) - RA-2410/03 (sugar beet) - RA-2436/03 (sugar beet) - 08-2215 (barley post-harvest) - 08-2214 (wheat post-harvest) Bayer Report No.: M-641700-01-1 Date: 2018-11-09 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.1.2 / 58	Sadler, T.	2019	Linearity data for method HRAV-10 and method DGM F01/97-0 Bayer Report No.: M-646787-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished ... also filed: KCA 6.1 / 06	No	No		Bayer


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KCA 4.1.2 / 59	Sadler, T.	2019	Validation data for method used in study report 2010/0064/01 Bayer Report No.: M-646878-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2.4.1 / 11	No	No		Bayer
KCA 4.2 / 01	Tillier, C.; Devaux, P.	1981	Quantitative determination of deltamethrin in urine. Roussel Uclaf, Romainville, France Bayer Report No.: A71071 Edition Number: M-149546-01-1 Date: 1981-09-24 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.2 / 02	Tillier, C.	1989	RU 22974: Assay procedure in plasma. Roussel Uclaf, Romainville, France Bayer Report No.: A70887 Edition Number: M-149371-01-1 Date: 1989-12-21 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.2 / 03	Tillier, C.	1988	Assay procedure for the analysis of deltamethrin residues in human plasma. Roussel Uclaf, Romainville, France Bayer Report No.: A71065 Edition Number: M-149542-01-1 Date: 1988-05-20 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.2 / 04	Weber, H.	2009	Validation of enforcement method DFG S19 (L 00.00-34) (BCS method ID 00086/M089) for the determination of cis-deltamethrin (AE F032640) in/on foodstuff of plant origin Eurofins Analytik GmbH, Dr. Specht Laboratorien, Hamburg, Germany Bayer Report No.: S09-00553 Edition Number: M-351076-01-1 Date: 2009-07-07 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19	Bayer

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KCA 4.2 / 05	Merdian, H.	2009	Independent laboratory validation of the DFG method S19 (BCS method 00086/M089) for the determination of residues of cis-deltamethrin (AE F032640) in plant materials, using GC/MS PTRL Europe GmbH, Ulm, Germany Bayer Report No.: P/B 1681 G Edition Number: M-356306-01-1 Date: 2009-09-23 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19	Bayer
KCA 4.2 / 06	Weber, H.	2009	Validation of enforcement method DFG S19 (L 00.00-34) (BCS method ID 00086/M090) for the determination of residues cis-deltamethrin (AE F032640) in/on foodstuff of animal origin Eurofins Analytik GmbH, Dr. Specht Laboratorien, Hamburg, Germany Bayer Report No.: S09-00551 Edition Number: M-351080-01-1 Date: 2009-07-07 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19	Bayer
KCA 4.2 / 07	Merdian, H.	2009	Independent laboratory validation of the DFG method S19 (BCS method 00086/M089) for the determination of residues of cis-deltamethrin (AE F032640) in foodstuffs of animal origin, using GC/MS PTRL Europe GmbH, Ulm, Germany Bayer Report No.: P/B 1682 G Edition Number: M-356331-01-1 Date: 2009-09-23 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion. Study submitted in some country for MS registration. The monitoring method uses the recommended multi-residue method DFG S19	Bayer
KCA 4.2 / 08	Justus, K.	2014	Extraction efficiency testing of the residue analytical method 00855/M002 for the determination of residues of cis-deltamethrin (AE F032640) in crops using aged radioactive residues - Surrogate - Bayer Report No.: EnSa-14-0317 Edition Number: M-481954-02-1 Date: 2014-04-01 ... amended: 2014-04-02 GLP/GEP: No, unpublished	No	No		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
KCA 4.2 / 09	Schoening, R.; Willmes, J.	2014	Cross validation of extraction methods for the determination of residues of deltamethrin in plant materials by HPLC-MS/MS Bayer Report No.: MR-14/012 Edition Number: M-481952-02-1 Date: 2014-04-01 ... amended: 2014-04-11 GLP/GEP: No, unpublished	No	No		Bayer
KCA 4.2 / 10	Freitag, T.	2013	Analytical method 01358 for the determination of cis-deltamethrin in soil by HPLC-MS/MS Bayer Report No.: MR-13/002 Edition Number: M-451547-01-1 Date: 2013-04-17 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new improved method for enforcement according to the latest science	Bayer
KCA 4.2 / 11	Krebber, R.; Braune, M.	2013	Analytical method 01383 for the determination of deltamethrin in drinking and surface water by HPLC-MS/MS Bayer Report No.: MR-13/053 Edition Number: M-464818-01-1 Date: 2013-09-02 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; new improved method for enforcement according to the latest science	Bayer
KCA 4.2 / 12	Stanislawski, T.	2013	Independent laboratory validation of BCS analytical method no. 01383 for the determination of deltamethrin in surface water, using LC/MS/MS PTRL Europe GmbH, Ulm, Germany Bayer Report No.: P 3021 G Edition Number: M-471762-01-1 Date: 2013-11-18 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; ILV of the new proposed enforcement method according to the latest science	Bayer
KCA 4.2 / 13	Schoening, R.; Snowdon, P.	2015	Review of analytical methods for the determination of deltamethrin residues in products of plant and animal origin Bayer Report No.: M-537967-01-1 Date: 2015-11-03 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 4.2 / 14	Specht, W.; Thier, H. P.	1987	Organochlorine, organophosphorus, nitrogen-containing and other pesticides - Gas-chromatographic determination after cleanup by gel permeation chromatography and silica gel minicolumn chromatography Publisher: Deutsche Forschungsgemeinschaft / VCH Location: Weinheim Journal: Manual of Pesticide Residue Analysis Volume: I Pages: 383 - 400 Year: 1987 Report No.: 00086 Edition Number: M-006227-01-1 GLP/GEP: No, published	No	No		published
KCA 4.2 / 15	Anon.	1996	Analytical methods for pesticide residues in foodstuffs Multi-residue method 1 Pesticides amenable to gas chromatography Journal: Ministry of Public Health, Welfare and Sport, NLD Volume: June Issue: Part I Pages: 1;22 Year: 1996 Report No.: C048287 Edition Number: M-249648-01-1 Date: 1996-01-01 GLP/GEP: No, published	No	No		published
KCA 4.2 / 16	Radix, P.	2016	Deltamethrin - Answer to CRD question Volume 3CA Part B 5: Analytical methods/validation relating to the active Bayer Report No.: M-555924-01-1 Date: 2016-06-01 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 4.2 / 17	Desmaris, F.; Diot, R.; Mousques, A.	2017	Deltamethrin - Questions by the RMS CRD on the analytical methods/validation relating to chemical active in the frame of AIR process Bayer Report No.: M-588243-01-1 Date: 2017-05-20 GLP/GEP: n.a., unpublished ... also filed: KCA 4.1.2 / 56	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 4.2 / 18	Mousquès, A., Sadler, T.	2019	Method validation data in support of the determination of deltamethrin in other crop fractions not assigned to a specific group Bayer Report No.: M-647563-01-1 Date: 2019-01-25 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 4.2 / 19	Mousquès, A., Sadler, T.	2019	Method validation data in support of the determination of deltamethrin in high starch commodities Bayer Report No.: M-647564-01-1 Date: 2019-01-25 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 4.2 / 20	Mousquès, A., Sadler, T.	2019	Method validation data in support of the determination of deltamethrin in high oil plant commodities Bayer Report No.: M-647565-01-1 Date: 2019-01-25 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 4.2 / 21	Sadler, T.; Mousquès, A.	2019	Method validation data in support of the determination of deltamethrin high acid content plant commodities Bayer Report No.: M-647566-01-1 Date: 2019-01-25 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 4.2 / 22	Mousquès, A.; Sadler, T.	2019	Method validation data in support of the determination of deltamethrin in high water commodities Bayer Report No.: M-647640-01-1 Date: 2019-01-25 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 5.1 / 01		1982	Pyrethroid metabolism: comparative fate in rats of tralomethrin, tralocythrin, deltamethrin and (1R,α S)-cis- cypermethrin. Journal: Journal of Agricultural and Food Chemistry Volume: 30 Pages: 631-636 Year: 1982 Report No.: A71114 Edition Number: M-149585-01-1 GLP/GEP: n.a., published ... also filed: KCA 6.2 / 10	Yes	No		published
KCA 5.1 / 02	Christian, I.; Lauck-Birkel, S.	2015	Deltamethrin AIR3: Additional data on kinetic studies and metabolism Bayer Report No.: M-533554-02-1 Date: 2015-12-01 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.1 / 03	Christian, I.; Hellpointner, E.	2015	Deltamethrin - Additional information on the comparison of metabol Bayer Report No.: M-539732-01-1 Date: 2015-11-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.1 / 04	Mousquès, A.	2016	Residue data of alpha-R and trans isomers of deltamethrin Bayer Report No.: M-479846-02-1 Date: 2016-09-06 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.1 / 05	Anon.	2010	Revision of deltamethrin - Re-evaluation of MRLs and proposal for amendments KEMI, Rapporteur member state, Sweden RMS: Sweden Report No.: M-328058-02-1 Date: 2010-12-31 GLP/GEP: n.a., unpublished	No	No		RMS: Sweden

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KCA 5.1.1 / 01	[REDACTED]	1990	Metabolism of 14C-tralomethrin in rats. Hazleton Laboratories America, Inc., USA Bayer Report No.: A73039 Edition Number: M-151332-01-1 Date: 1990-04-05 GLP/GEP: Yes, unpublished ... also filed: KCA 6.2 / 11	Yes	Yes		Bayer
KCA 5.1.1 / 02	[REDACTED]	1978	Decamethrin Metabolism in Rats Journal: Journal of Agricultural and Food Chemistry Volume: 26 Issue: 4 Pages: 918-925 Year: 1978 Report No.: A12526 Edition Number: M-063782-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.1.1 / 03	[REDACTED]	1994	Equivalent mixture of (14C-phenyl)-cypermethrin, (14C-benzyl)-deltamethrin and (14C-phenoxyphenyl)-fenvalerate: Distribution - kinetics and excretion after single oral administration to laying hens [REDACTED] Bayer Report No.: A52315 Edition Number: M-133155-01-1 Date: 1994-03-30 GLP/GEP: Yes, unpublished ... also filed: KCA 6.2.2 / 02	Yes	Yes		Bayer
KCA 5.1.1 / 04	[REDACTED]	1979	RU22974 - Acute toxicity study in rats by the oral route. [REDACTED] Bayer Report No.: A98084 Edition Number: M-175868-01-1 Date: 1979-06-01 GLP/GEP: No, unpublished	Yes	No		Bayer

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KCA 5.1.1 / 05		1992	Deltamethrin I.V. laying hens. RCC, Research and Consulting Company Ltd., Switzerland Bayer Report No.: A70791 Edition Number: M-149282-01-1 Date: 1992-10-19 GLP/GEP: No, unpublished ... also filed: KCA 5.1.2 / 05	Yes	No		Bayer
KCA 5.1.1 / 06		1985	Metabolism, distribution, and excretion of deltamethrin by leghorn hens. Journal: Journal of Agricultural and Food Chemistry Volume: 33 Issue: 4 Pages: 610-617 Year: 1985 Report No.: A35015 Edition Number: M-116708-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.1.2 / 06 KCA 6.2.2 / 01	Yes	No		published
KCA 5.1.1 / 07		1986	Fate of 14C-Deltamethrin in lactating dairy cows. Journal: Journal of Agricultural and Food Chemistry Volume: 34 Issue: 4 Pages: 753-758 Year: 1986 Report No.: A34280 Edition Number: M-115057-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.1.2 / 07 KCA 6.2.3 / 01	Yes	No		published

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KCA 5.1.1 / 08	Solà, J.	2014	[Benzyl-14C]deltamethrin: Metabolic stability and profiling in liver microsomes from rats, mice and humans for inter-species comparison Harlan Laboratories S.A., Barcelona, Spain Bayer Report No.: EnSa-13-0820 Edition Number: M-475952-01-1 Date: 2014-02-05 GLP/GEP: Yes, unpublished	No	Yes	Required according to the Draft data requirements for chemical active substances (SANCO/11802/2010) under 1107/2009	Bayer
KCA 5.1.1 / 09	Godin, S. J.; Scollon, E. J.; Hughes, M. F.; Potter, P. M.; DeVito, M. J.; Ross, M. K.	2006	Species differences in the in vitro metabolism of deltamethrin and esfenvalerate: differential oxidative and hydrolytic metabolism by humans and rats. Journal: Drug Metab. Dispos., Volume 34, Issue 10, Page 1764-1771, Publication Year 2006 Year: 2006 Report No.: M-476902-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.1.1 / 10	Godin, S. J.; Crow, J. A.; Scollon, E. J.; Hughes, M. F.; DeVito, M. J.; Ross, M. K.	2007	Identification of rat and human cytochrome P450 isoforms and a rat serum esterase that metabolize the pyrethroid insecticides deltamethrin and esfenvalerate. Journal: Drug Metab. Dispos., Volume 35, Issue 9, Page 1664-1671, Publication Year 2007 Year: 2007 Report No.: M-458601-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.1.1 / 11		2007	Expert statement on the gastrointestinal absorption after oral dosing of deltamethrin Bayer Report No.: MEF-07/361 Edition Number: M-291817-01-1 Date: 2007-08-17 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 5.1.2 / 01		1993	(14C-Benzyl)-deltamethrin: Distribution - Kinetics and excretion after single intravenous administration to female rats. Bayer Report No.: A51513 Edition Number: M-132447-01-1 Date: 1993-08-05 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

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KCA 5.1.2 / 02	[REDACTED]	1993	(14C-benzyl)-deltamethrin: distribution - kinetics and excretion after single intravenous administration to female rats [REDACTED] Bayer Report No.: A98189 Edition Number: M-176064-01-1 Date: 1993-08-05 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.1.2 / 03	[REDACTED]	1990	Metabolism of (14)C-Deltamethrin in rats [REDACTED] Bayer Report No.: A97637 Edition Number: M-175044-01-1 Date: 1990-07-09 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.1.2 / 04	[REDACTED]	1990	Metabolism of 14C-deltamethrin in rats [REDACTED] Bayer Report No.: A70824 Edition Number: M-149312-01-1 Date: 1990-07-09 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.1.2 / 05	[REDACTED]	1992	Deltamethrin I.V. laying hens. [REDACTED] Bayer Report No.: A70791 Edition Number: M-149282-01-1 Date: 1992-10-19 GLP/GEP: No, unpublished ... also filed: KCA 5.1.1 / 05	Yes	No		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
KCA 5.1.2 / 06		1985	Metabolism, distribution, and excretion of deltamethrin by leghorn hens. Journal: Journal of Agricultural and Food Chemistry Volume: 33 Issue: 4 Pages: 610-617 Year: 1985 Report No.: A35015 Edition Number: M-116708-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.1.1 / 06 KCA 6.2.2 / 01	Yes	No		published
KCA 5.1.2 / 07		1986	Fate of 14C-Deltamethrin in lactating dairy cows. Journal: Journal of Agricultural and Food Chemistry Volume: 34 Issue: 4 Pages: 753-758 Year: 1986 Report No.: A34280 Edition Number: M-115057-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.1.1 / 07 KCA 6.2.3 / 01	Yes	No		published
KCA 5.2 / 01		1979	Toxicity studies with decamethrin, a synthetic pyrethroid insecticide. Journal: Journal of Environmental Pathology and Toxicology Issue: 2 Pages: 751-765 Year: 1979 Report No.: A20968 Edition Number: M-094154-01-1 GLP/GEP: n.a., published	Yes	No		published



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KCA 5.2.1 / 01	████████	1989	Acute oral toxicity study of deltamethrin in rats ██ Bayer Report No.: A70785 Edition Number: M-149276-01-1 Date: 1989-05-04 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.2.1 / 02	████████	1989	Acute oral toxicity study of deltamethrin in rats ██ Bayer Report No.: A98128 Edition Number: M-175949-01-1 Date: 1989-05-04 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.2.1 / 03	Gaines, T. B.; Linder, R. E.	1986	Acute toxicity of pesticides in adult and weanling rats Publisher: Society of Toxicology Journal: Fundamental and Applied Toxicology Volume: 7 Pages: 299 - 308 Year: 1986 Report No.: MO-02-014393 Edition Number: M-058562-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.2.1 / 04	████████	1996	Acute oral toxicity study of Deltamethrin in albino rats ██ Bayer Report No.: A55812 Report includes Trial Nos.: 53013A WIL-274001 Edition Number: M-139700-01-1 Date: 1996-08-06 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

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KCA 5.2.1 / 05		2005	Deltamethrin technical - Acute toxicity in the rat after oral administration Bayer Report No.: AT02671 Edition Number: M-263224-01-1 Date: 2005-12-07 GLP/GEP: Yes, unpublished	Yes	Yes	Requested by Brazilian authorities/ Not available for last Annex I inclusion/to complete tox data package	Bayer
KCA 5.2.1 / 06		2008	AE F108569 / Deltamethrin alpha-R-isomer acute toxicity in the rat after oral administration Bayer Report No.: AT04700 Edition Number: M-304957-01-1 Date: 2008-07-11 GLP/GEP: Yes, unpublished ... also filed: KCA 5.8.1 / 11	Yes	Yes		Bayer
KCA 5.2.2 / 01		1979	Acute percutaneous toxicity to rats of decamethrin. Bayer Report No.: A28974 Edition Number: M-101629-01-1 Date: 1979-02-21 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.2.2 / 02		2000	Acute dermal toxicity in rats deltamethrin Bayer Report No.: C009679 Edition Number: M-199039-02-1 Date: 2000-07-19 ... amended: 2000-09-11 GLP/GEP: No, unpublished	Yes	No		Bayer

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KCA 5.2.2 / 03		1992	Acute intravenous toxicity study with Deltamethrin (preparation with PEG 300) in rats Bayer Report No.: A49669 Edition Number: M-138700-01-1 Date: 1992-06-15 GLP/GEP: Yes, unpublished ... also filed: KCA 5.8 / 42	Yes	Yes		Bayer
KCA 5.2.2 / 04		1992	Acute intravenous toxicity study with Deltamethrin (preparation with PEG 300) in laying hens Bayer Report No.: A49666 Edition Number: M-138697-01-1 Date: 1992-06-16 GLP/GEP: Yes, unpublished ... also filed: KCA 5.8 / 44	Yes	Yes		Bayer
KCA 5.2.2 / 05		2005	Deltamethrin technical - Acute toxicity in the rat after dermal application Bayer Report No.: AT02461 Edition Number: M-258954-01-1 Date: 2005-10-06 GLP/GEP: Yes, unpublished	Yes	Yes	Requested by Brazilian authorities/ Not available for last Annex I inclusion/to complete tox data package	Bayer
KCA 5.2.3 / 01		1990	Acute inhalation toxicity evaluation of deltamethrin in rats Bayer Report No.: A70770 Edition Number: M-149264-01-1 Date: 1990-06-09 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

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KCA 5.2.3 / 02	[REDACTED]	1978	RU 22974 - Acute inhalation toxicity in rats. 6 hour LC 50. [REDACTED] Bayer Report No.: A28960 Edition Number: M-101619-01-1 Date: 1978-05-15 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.2.4 / 01	[REDACTED]	1979	RU22974 - Test to determine primary cutaneous irritation in the rabbit [REDACTED] Bayer Report No.: A95068 Edition Number: M-227752-01-1 Date: 1979-06-01 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.2.4 / 02	[REDACTED]	1989	Primary dermal irritation test of deltamethrin in rabbits [REDACTED] Bayer Report No.: A98131 Edition Number: M-175955-01-1 Date: 1989-04-17 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.2.4 / 03	[REDACTED]	2005	Deltamethrin technical - Acute skin irritation/corrosion on rabbits Bayer Report No.: AT02547 Edition Number: M-260123-01-1 Date: 2005-10-27 GLP/GEP: Yes, unpublished	Yes	Yes	Requested by Brazilian authorities/ Not available for last Annex I inclusion/to complete tox data package	Bayer
KCA 5.2.5 / 01	[REDACTED]	1979	RU22974. Test to evaluate ocular irritation in the rabbit. [REDACTED] Bayer Report No.: A95069 Edition Number: M-227753-01-1 Date: 1979-07-31 GLP/GEP: No, unpublished	Yes	No		Bayer

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KCA 5.2.5 / 02	██████	1989	Eye irritation study of deltamethrin in rabbits. ██ Bayer Report No.: A70799 Edition Number: M-149290-01-1 Date: 1989-04-17 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.2.5 / 03	██████	2005	Deltamethrin technical - Acute eye irritation on rabbits Bayer Report No.: AT02612 Edition Number: M-260858-01-1 Date: 2005-11-18 GLP/GEP: Yes, unpublished	Yes	Yes	Requested by Brazilian authorities/ Not available for last Annex I inclusion/to complete tox data package	Bayer
KCA 5.2.6 / 01	██████	1977	RU22974 - decamethrine; Decis technical - Roussel Uclaf. Sensitization test in the guinea pig. ██ Bayer Report No.: A28978 Edition Number: M-227645-01-1 Date: 1977-09-26 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.2.6 / 02	██████	1989	Dermal sensitization study of deltamethrin in the Albino guinea pig (Buehler) ██ Bayer Report No.: A98129 Edition Number: M-175951-01-1 Date: 1989-09-07 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.2.6 / 03	██████	2005	Deltamethrin technical (Project: Deltamethrin technical) - Study for the skin sensitization effect in guinea pigs (Buehler patch test) Bayer Report No.: AT02618 Edition Number: M-261562-01-1 Date: 2005-11-18 GLP/GEP: Yes, unpublished	Yes	Yes	Requested by Brazilian authorities/ Not available for last Annex I inclusion/to complete tox data package	Bayer

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KCA 5.2.7 / 01	Heppenheimer, A.	2013	Deltamethrin TC: Cytotoxicity assay in vitro with BALB/c 3T3 cells: Neutral red (NR) test during simultaneous irradiation with artificial sunlight Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer Report No.: 1558000 Edition Number: M-466174-01-1 Date: 2013-09-16 GLP/GEP: Yes, unpublished	No	Yes	New data requirement at EU level	Bayer
KCA 5.2.7 / 02	Lynch, A. M.; Guzzie, P. J.; Bauer, D.; Gocke, E.; Itoh, S.; Jacobs, A.; Krul, C. A. M.; Schepky, A.; Tanaka, N.; Kasper, P.	2011	Considerations on photochemical genotoxicity. II: Report of the 2009 International Workshop on Genotoxicity Testing Working Group Publisher: Elsevier B.V. Journal: Mutation Research Volume: 723 Pages: 91-100 Year: 2011 Report No.: M-465377-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.3 / 01		1993	Deltamethrin (technical): Toxicity to dogs by repeated oral administration for 52 weeks.  Bayer Report No.: A70808 Edition Number: M-149298-01-1 Date: 1993-10-21 GLP/GEP: Yes, unpublished ... also filed: KCA 5.3.2 / 03	Yes	Yes		Bayer
KCA 5.3 / 02	Rehman, H.; Ali, M.; Atif, F.; Kaur, M.; Bhatia, K.; Raisuddin, S.	2006	The modulatory effect of deltamethrin on antioxidants in mice Journal: Clin. Chim. Acta, Volume 369, Issue 1, Page 61-65, Publication Year 2006 Year: 2006 Report No.: M-462613-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 5.3 / 03	Zaki, S.; Shona, S.; El-Aasar, H.; Sayed, W.	2010	Morphological and morphometric renal changes in the adult albino rat following oral administration of deltamethrin and the possible protective role of vitamin E/. Publisher: INSInet Publication Location: http://www.aensiweb.com/old/jasr/jasr/2010/280-290.pdf Journal: Journal of Applied Sciences Research (2010) , Volume 6, Issue 4, 2010 Pages: 280-290 Year: 2010 Report No.: M-476790-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.3.1 / 01	[REDACTED]	1977	A study of the effects of RU 22974 on food consumption in the mouse. [REDACTED] Bayer Report No.: A70877 Edition Number: M-149361-01-1 Date: 1977-10-05 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.3.1 / 02	[REDACTED]	1977	RU 22974: Study of the effects of RU 22974 on food consumption in the rat. [REDACTED] Bayer Report No.: A70878 Edition Number: M-149362-01-1 Date: 1977-03-22 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.3.1 / 03	[REDACTED]	1977	RU 22974: Assessment of toxicity to rats by oral administration for 13 weeks (followed by a 4-week withdrawal period). [REDACTED] Bayer Report No.: A70872 Edition Number: M-149356-01-1 Date: 1977-03-21 GLP/GEP: No, unpublished	Yes	No		Bayer

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KCA 5.3.2 / 01	[REDACTED]	1979	RU22974. Oral toxicity study in beagle dogs [REDACTED] Bayer Report No.: A98072 Edition Number: M-175845-02-1 Date: 1979-06-01 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.3.2 / 02	[REDACTED]	1991	Deltamethrin: Oral toxicity study in beagle dogs (repeated dosage for 13 weeks with a 4-week recovery period). [REDACTED] Bayer Report No.: A70874 Edition Number: M-149358-01-1 Date: 1991-07-08 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.3.2 / 03	[REDACTED]	1993	Deltamethrin (technical): Toxicity to dogs by repeated oral administration for 52 weeks. [REDACTED] Bayer Report No.: A70808 Edition Number: M-149298-01-1 Date: 1993-10-21 GLP/GEP: Yes, unpublished ... also filed: KCA 5.3 / 01	Yes	Yes		Bayer
KCA 5.3.2 / 04	[REDACTED]	1980	2-Year Chronic Dog Feeding Study [REDACTED] Bayer Report No.: A21228 Edition Number: M-094407-01-1 Date: 1980-09-16 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

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KCA 5.3.2 / 05	[REDACTED]	1991	Deltamethrin toxicity studies in rat by dietary administration for 13 weeks with a 4-week recovery period (3 volumes). [REDACTED] Bayer Report No.: A70875 Edition Number: M-149359-01-1 Date: 1991-07-03 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.3.2 / 06	[REDACTED]	1991	Toxicity study for 12 weeks by oral administration to mice. [REDACTED] Bayer Report No.: A70876 Edition Number: M-149360-01-1 Date: 1991-12-03 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.3.3 / 01	[REDACTED]	1993	21-day dermal toxicity study in rats with deltamethrin technical. [REDACTED] Bayer Report No.: A50968 Edition Number: M-131952-01-1 Date: 1993-04-09 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.3.3 / 02	[REDACTED]	1979	RU22974 (Decis) 3 week inhalation toxicity study in rats [REDACTED] Bayer Report No.: A95071 Edition Number: M-227755-01-1 Date: 1979-06-01 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.4.1 / 01	Peyre, M.; Chantot, J. F.; Glomot, R.; Penasse, L.; Stephenson, J. K.	1980	Detection of a mutagenic potency of Decamethrin (RU 22974). Bacterial tests Bayer Report No.: A98112 Edition Number: M-175920-01-1 Date: 1980-01-21 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 5.4.1 / 02	Hommel, K.	1989	Addendum to document A40741 Hoe 099730 00 ZC83 0001 Certificates of Analysis 04068 and 04069 Hoechst AG, Frankfurt am Main, Germany BASF Report No.: A41849 Edition Number: M-124912-01-1 Date: 1989-05-08 GLP/GEP: n.a., unpublished confidential	No	No		BASF
KCA 5.4.1 / 03	Pluijmen, M.; Drevon, C.; Montesano, R.; Malaveille, C.; Hautefeuille, A.; Bartsch, H.	1984	Lack of mutagenicity of synthetic pyrethroids in Salmonella typhimurium strains and in V79 Chinese hamster cells Journal: Mutation Research Volume: 137 Issue: 1 Pages: 7;16 Year: 1984 Report No.: A41894 Edition Number: M-124957-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.4.1 / 04	Putman, D. L.; Morris, M. J.	1989	Chromosome aberration assay of deltamethrin in Chinese hamster ovary Microbiological Associates, Inc., Bethesda, MD, USA Bayer Report No.: A98126 Edition Number: M-175946-01-1 Date: 1989-02-23 GLP/GEP: No, unpublished	No	No		Bayer
KCA 5.4.1 / 05	Watanabe, M.	2005	Deltamethrin: reverse mutation test in bacterial system Bayer Report No.: NR05215 Edition Number: M-253266-01-2 Date: 2005-04-20 GLP/GEP: Yes, unpublished	No	Yes	Requested by the Japanese authorities/to complete data package	Bayer

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KCA 5.4.1 / 06	Naumann, S.	2017	Deltamethrin (AE F032640): Micronucleus test in human lymphocytes in vitro Envigo CRS GmbH, Rossdorf, Germany Bayer Report No.: 1805902 Edition Number: M-577648-01-1 Date: 2017-01-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 5.4.1 / 07	Wollny, H. E.	2017	Deltamethrin (AE F032640): Gene mutation assay in Chinese hamster V79 cells in vitro (V79/HPRT) Envigo CRS GmbH, Rossdorf, Germany Bayer Report No.: 1805901 Edition Number: M-577646-01-1 Date: 2017-01-09 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 5.4.2 / 01		1983	Deltamethrin - Detection of a mutagenic potency. Micronucleus test in the mouse Bayer Report No.: A41868 Edition Number: M-124931-01-1 Date: 1983-07-27 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.4.2 / 02	Curren, R. D.	1989	Unscheduled DNA synthesis of deltamethrin in rat primary hepatocytes. Microbiological Associates, Inc., Bethesda, MD, USA Bayer Report No.: A70853 Edition Number: M-149338-01-1 Date: 1989-03-13 GLP/GEP: Yes, unpublished	No	Yes		Bayer

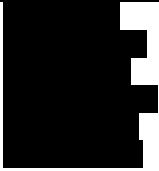

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KCA 5.4.2 / 03	Polakova, H.; Vargova, M.	1983	Evaluation of the mutagenic effects of decamethrin: cytogenetic analysis of bone marrow Journal: Mutation Research Volume: 120 Pages: 167;171 Year: 1983 Report No.: A41895 Edition Number: M-124958-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.4.3 / 01	Vannier, B.; Glomot, R.	1977	RU 22974: Mutagenic study - Dominant lethal assay in the male mouse. Roussel Uclaf, Romainville, France Bayer Report No.: A20259 Edition Number: M-149340-01-2 Date: 1977-05-17 GLP/GEP: No, unpublished	No	No		Bayer
KCA 5.4.3 / 02	██████████	1995	Deltamethrin technical: 97-week carcinogenicity study by oral route (dietary admixture) in mice. ██ Bayer Report No.: A70820 Edition Number: M-149308-01-1 Date: 1995-12-26 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.5 / 01	██████████	1995	Deltamethrin (technical) Potential tumorigenic and toxic effects in prolonged dietary administration to rats ██ Bayer Report No.: A56161 Edition Number: M-139996-01-1 Date: 1995-12-11 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

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KCA 5.5 / 02	[REDACTED]	1980	RU 22974: Two year oral toxicity and carcinogenicity study in rats. [REDACTED] Bayer Report No.: A20243 Edition Number: M-093417-01-1 Date: 1980-05-06 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.5 / 03	[REDACTED]	1980	RU 22974: Two Year Oral Toxicity and Carcinogenicity Study in Mice [REDACTED] Bayer Report No.: A20242 Edition Number: M-093412-01-1 Date: 1980-05-05 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.5 / 04	[REDACTED]	1995	Deltamethrin (technical) 97-week carcinogenicity study by oral route (dietary admixture) in mice [REDACTED] Bayer Report No.: A56270 Edition Number: M-140100-01-1 Date: 1995-12-26 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.6 / 01	[REDACTED]	2001	Prenatal developmental toxicity study by oral route (gavage) in rabbits Deltamethrin [REDACTED] Bayer Report No.: C017345 Edition Number: M-204103-01-1 Date: 2001-11-14 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.6 / 02	[REDACTED]	1977	RU 22974. Teratological Study in Mouse - Rat - Rabbit [REDACTED] Bayer Report No.: A20256 Edition Number: M-093444-01-1 Date: 1977-12-20 GLP/GEP: No, unpublished	Yes	No		Bayer

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KCA 5.6 / 03	Sargent, D. E.; Heusel, R.	2001	Aventis CropScience Response to RMS Review of the Acute Neurotoxicity Study Bayer Report No.: B003436 Edition Number: M-240464-01-1 Date: 2001-08-30 GLP/GEP: n.a., unpublished ... also filed: KCA 5.7 / 03 KCA 5.8 / 04	No	No		Bayer
KCA 5.6 / 04	Singer, S. S.; Hurst, K.	2001	Survey of Reports on Analysis for Deltamethrin in Milk from Cows and Humans Bayer Report No.: B003480 Edition Number: M-240501-01-1 Date: 2001-09-24 GLP/GEP: n.a., unpublished ... also filed: KCA 6.4.2 / 04 KCA 6.9 / 01	No	No		Bayer
KCA 5.6.1 / 01	[REDACTED]	1992	Reproductive effects of deltamethrin administered orally in diet to CrI: CD BR VAF/Plus rats for two generations. (Vol.1/4). [REDACTED] Bayer Report No.: A70863 Edition Number: M-149348-01-1 Date: 1992-01-17 GLP/GEP: Yes, unpublished ... also filed: KCA 5.7.1 / 05	Yes	Yes		Bayer
KCA 5.6.2 / 01	[REDACTED]	1990	Developmental toxicity study of deltamethrin in rats. [REDACTED] Bayer Report No.: A70869 Edition Number: M-149353-01-1 Date: 1990-07-06 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

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KCA 5.6.2 / 02	[REDACTED]	1990	Developmental toxicity study of deltamethrin in New Zealand white rabbits. [REDACTED] Bayer Report No.: A70865 Edition Number: M-149350-01-1 Date: 1990-05-07 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.6.2 / 03	Muhammad, B. Y.; Ray, D. E.	1997	Report on the potential developmental neurotoxicity of pyrethroids in mice : Attempts to replicate the results of Eriksson's group on the developmental neurotoxicity of pyrethroids Report No.: A74192 Edition Number: M-152443-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.8 / 07	No	No		published
KCA 5.6.2 / 04	Leist, K. H.; Strutt, A. V.	2001	Aventis CorpScience response to RMS review on developmental neurotoxicity Deltamethrin Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C014150 Edition Number: M-206060-01-1 Date: 2001-05-31 GLP/GEP: n.a., unpublished ... also filed: KCA 5.8 / 45	No	No		Bayer
KCA 5.6.2 / 05	Gergs, A.; Sheets, L.; Marmugi, A.; Preuss, T. G.	2018	Simulating effect of deltamethrine on rat male pup growth and maturation using dynamic energy budget model Bayer Report No.: EnSa-18-0507 Edition Number: M-631095-01-1 Date: 2018-09-03 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 5.6.2 / 06	Kooijman, S.; Bedaux, J.	1996	Analysis of toxicity tests on Daphnia survival and reproduction Publisher: Elsevier Location: United Kingdom Journal: Water Research Volume: 30 Issue: 7 Pages: 1711-1723 Year: 1996 Report No.: M-631806-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.6.2 / 07	Jager, T.; Zimmer, E.	2011	Simplified dynamic energy budget model for analysing ecotoxicity data Publisher: Elsevier Journal: Ecological Modelling Volume: 225 Pages: 74-81 Year: 2012 Report No.: M-632125-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.6.2 / 08	Nisbet, R.; Muller, E.; Lika, K.; Kooijman, S.	2000	From molecules to ecosystems through dynamic energy budget models Journal: Journal of Animal Ecology Year: 2000 Report No.: M-634465-01-1 Date: 2000-12-31 GLP/GEP: No, published	No	No		published
KCA 5.6.2 / 09	Lika, K.; Kearney, M.; Freitas, V.; Van Der Veer, H.; Van Der Meer, J.; Wijsman, J.; Pecquerie, L.; Kooijman, S.	2011	The /covariation method/ for estimating the parameters of the standard Dynamic Energy Budget model I: Philosophy and approach Journal: Journal of Sea Research Year: 2011 Report No.: M-634477-01-1 Date: 2011-12-31 GLP/GEP: No, published	No	No		published

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 5.6.2 / 10	Villamor, E.; Jansen, E.	2016	Nutritional determinants of the timing of puberty Publisher: Annual Reviews Journal: Annual Review of Public Health Volume: 37 Pages: 33-46 Year: 2016 Report No.: M-634485-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.6.2 / 11	Soliman, A.; De Sanctis, V.; Elalaily, R.	2014	Nutrition and pubertal development Journal: Indian Journal of Endocrinology and Metabolism Volume: 18 Year: 2014 Report No.: M-634486-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.6.2 / 12	Marques, G.; Augustine, S.; Lika, K.; Pecquerie, L.; Domingos, T.; Kooijman, S.	2018	The AmP project: Comparing species on the basis of dynamic energy budget parameters Journal: PLoS Computational Biology Year: 2018 Report No.: M-634488-01-1 Date: 2018-08-20 GLP/GEP: No, published	No	No		published
KCA 5.6.2 / 13	Anon.	2008	Guidance document on mammalian reproductive toxicity and assessment - OECD 43 OECD - Organisation for Economic Co-operation and Development, Paris, France Bayer Report No.: M-645150-01-1 Date: 2008-07-24 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.7 / 01		1978	Ru 22974 (decamethrine) LD 50 determination and assessment of neurotoxicity in the domestic hen.  Bayer Report No.: A20307 Edition Number: M-093518-01-1 Date: 1978-01-19 GLP/GEP: No, unpublished	Yes	No		Bayer

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KCA 5.7 / 02		1998	An acute neurotoxicity study of deltamethrin in rats. Bayer Report No.: A74318 Edition Number: M-152563-01-1 Date: 1998-03-18 GLP/GEP: Yes, unpublished ... also filed: KCA 5.8 / 03	Yes	Yes		Bayer
KCA 5.7 / 03	Sargent, D. E.; Heusel, R.	2001	Aventis CropScience Response to RMS Review of the Acute Neurotoxicity Study Bayer Report No.: B003436 Edition Number: M-240464-01-1 Date: 2001-08-30 GLP/GEP: n.a., unpublished ... also filed: KCA 5.6 / 03 KCA 5.8 / 04	No	No		Bayer
KCA 5.7 / 04		1998	A subchronic (13-week) neurotoxicity study of deltamethrin in rats. Bayer Report No.: A74317 Edition Number: M-152562-01-1 Date: 1998-03-19 GLP/GEP: Yes, unpublished ... also filed: KCA 5.8 / 02	Yes	Yes		Bayer
KCA 5.7 / 05		1995	An acute neurotoxicity study of deltamethrin in rats. Bayer Report No.: A74162 Edition Number: M-152413-01-1 Date: 1995-08-24 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer


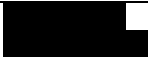
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.7 / 06	[REDACTED]	1996	A sub-chronic (13 weeks) neurotoxicity study of deltamethrin in rats. [REDACTED] Bayer Report No.: A74163 Edition Number: M-152414-01-1 Date: 1996-06-16 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.7 / 07	[REDACTED]	2006	An acute functional observational battery comparison study in rats [REDACTED] Report No.: 02-PWG-001 Edition Number: M-459034-01-1 Date: 2006-04-28 GLP/GEP: Yes, unpublished	Yes	Yes		TF- Pyrethroid
KCA 5.7.1 / 01	[REDACTED]	2006	A pilot study to verify the exposure of offspring during lactation to technical grade Deltamethrin administrated via the diet to Wistar rats Bayer Report No.: 04-P72-VX Edition Number: M-276949-01-1 Date: 2006-04-03 GLP/GEP: Yes, unpublished	Yes	Yes	Requested by US EPA and by the EU Commission with the Annex I listing to complete data package	Bayer
KCA 5.7.1 / 02	[REDACTED]	2011	A developmental neurotoxicity screening study with technical grade deltamethrin in Wistar rats Bayer Report No.: 201469-2 Edition Number: M-270180-03-1 Date: 2006-04-03 ... amended: 2011-12-12 GLP/GEP: Yes, unpublished ... also filed: KCA 8.1.2.2 / 01	Yes	Yes	Requested by US EPA and by the EU Commission with the Annex I listing to complete data package	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.7.1 / 03	[REDACTED]	2009	Comparative functional observational battery study of twelve commercial pyrethroid insecticides in male rats following acute oral exposure Publisher: Elsevier Inc. Journal: Neurotoxicology : (Park Forest South), (2009) , 30(SUP), S1-S16, refs. 1/2 p. ISSN: 0161-813X Year: 2009 Report No.: M-463081-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.7.1 / 04	[REDACTED]	2018	Deltamethrin: Report on timing of preputial separation in the developmental neurotoxicity study Bayer Report No.: US0733 Edition Number: M-620177-01-1 Date: 2018-04-11 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.7.1 / 05	[REDACTED]	1992	Reproductive effects of deltamethrin administered orally in diet to Crl: CD BR VAF/Plus rats for two generations. (Vol.1/4). [REDACTED] Bayer Report No.: A70863 Edition Number: M-149348-01-1 Date: 1992-01-17 GLP/GEP: Yes, unpublished ... also filed: KCA 5.6.1 / 01	Yes	Yes		Bayer
KCA 5.7.1 / 06	[REDACTED]	2001	Evaluation of the male pubertal onset assay to detect testosterone and steroid biosynthesis inhibitors in CD rats Volume: 60 Pages: 285-295 Year: 2001 Report No.: M-292910-01-1 GLP/GEP: n.a., published	Yes	No		published

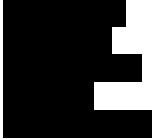


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KCA 5.7.1 / 07		1977	Preputial separation as an external sign of pubertal development in the male rat Journal: Boplogy of Reproduction Volume: 17 Pages: 298-303 Year: 1977 Report No.: M-431115-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.7.1 / 08	Lazarini, C.; Lemonica, I.; Bernardi, M.; Habr, S.	2011	Prenatal deltamethrin low dose effects on physical development of rats. Journal: Pesticidas, Volume 17, Page 47-58, Publication Year 2007 Year: 2007 Report No.: M-462625-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.7.1 / 09	Ramirez, V.; Sawyer, C.	1965	Advancement of puberty in the female rat by estrogen Journal: Endocrinology Volume: 76 Pages: 1158-1168 Year: 1965 Report No.: M-645903-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.7.1 / 10	Saillenfait, A.; Ndiaye, D.; Sabate, J.; Denis, F.; Antoine, G.; Robert, A.; Rouiller-Fabre, V.; Moison, D.	2016	Evaluation of the effects of deltamethrin on the fetal rat testis Publisher: Wiley Online Library Journal: Journal of Applied Toxicology Volume: 36 Issue: 11 Pages: 1505-1515 Year: 2016 Report No.: M-646094-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 5.7.1 / 11	Marty, M.; Johnson, K.; Carney, E.	2003	Effect of feed restriction on Hershberger and pubertal male assay endpoints Publisher: Wiley-Liss, Inc. Journal: Birth Defects Research Part B - Developmental and Reproductive Toxicology Volume: 68 Issue: 4 Pages: 363-374 Year: 2003 Report No.: M-646095-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.7.1 / 12	Oconnor, J.; Cook, J.; Marty, M.; Davis, L.; Kaplan, A.; Carney, E.	2002	Evaluation of Tier I screening approaches for detecting endocrine-active compounds (EACs) Publisher: Taylor & Francis Journal: Critical Reviews in Toxicology Volume: 32 Issue: 6 Pages: 521-549 Year: 2002 Report No.: M-646096-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.7.1 / 13	Marty, M.; Crissman, J.; Carney, E.	2001	Evaluation of the male pubertal assays ability to detect thyroid inhibitors and dopaminergic agents Publisher: The Dow Chemical Company Journal: Toxicological Sciences Volume: 60 Issue: 1 Pages: 63-76 Year: 2001 Report No.: M-646098-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.7.1 / 14	Daston, G. P.; Kimmel, C. A.	1999	Endpoints of reproductive system development Publisher: International Life Sciences Institute Journal: Evaluation and Interpretation of Reproductive Endpoints for Human Health Risk Assessment Year: 1999 Report No.: M-646119-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 5.8 / 01	Leist, K. H.	1995	Pyrethroids, Toxicology: Structure-Activity Relationship Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74102 Edition Number: M-152355-01-1 Date: 1995-03-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.8 / 02	[REDACTED]	1998	A subchronic (13-week) neurotoxicity study of deltamethrin in rats. [REDACTED] Bayer Report No.: A74317 Edition Number: M-152562-01-1 Date: 1998-03-19 GLP/GEP: Yes, unpublished ... also filed: KCA 5.7 / 04	Yes	Yes		Bayer
KCA 5.8 / 03	[REDACTED]	1998	An acute neurotoxicity study of deltamethrin in rats. [REDACTED] Bayer Report No.: A74318 Edition Number: M-152563-01-1 Date: 1998-03-18 GLP/GEP: Yes, unpublished ... also filed: KCA 5.7 / 02	Yes	Yes		Bayer
KCA 5.8 / 04	Sargent, D. E.; Heusel, R.	2001	Aventis CropScience Response to RMS Review of the Acute Neurotoxicity Study Bayer Report No.: B003436 Edition Number: M-240464-01-1 Date: 2001-08-30 GLP/GEP: n.a., unpublished ... also filed: KCA 5.6 / 03 KCA 5.7 / 03	No	No		Bayer

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KCA 5.8 / 05	Leist, K. H.	1994	Neurotoxicity of pyrethroids on developing animals Industrieverband Agrar e.V, Frankfurt am Main, Germany Report No.: MO-01-005485 Edition Number: M-047082-01-1 Date: 1994-06-14 GLP/GEP: No, unpublished	No	No		
KCA 5.8 / 06		1997	Neonatal neurotoxicity of pyrethroids (Review on data generated in different laboratories. Year: 1997 Report No.: A73552 Edition Number: M-151835-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 07	Muhammad, B. Y.; Ray, D. E.	1997	Report on the potential developmental neurotoxicity of pyrethroids in mice : Attempts to replicate the results of Eriksson's group on the developmental neurotoxicity of pyrethroids Report No.: A74192 Edition Number: M-152443-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.6.2 / 03	No	No		published
KCA 5.8 / 08		1998	Neurotoxic effects in adult mice neonatally exposed to 3,3',4,4'-pentachlorobiphenyl or 2,3,3',4,4'-pentachlorobiphenyl. Changes in brain nicotinic receptors and behaviour Publisher: 1998 Elsevier Science B.V. Journal: Environmental Toxicology and Pharmacology Volume: 5 Pages: 17-27 Year: 1998 Report No.: M-450120-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 09	[REDACTED]	2000	Exposure to nicotine during a defined period in neonatal life induces permanent changes in brain nicotinic receptors and in behaviour of adult mice Publisher: Elsevier Journal: Brain Research Volume: 853 Pages: 41-48 Year: 2000 Report No.: M-449682-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 10	[REDACTED]	1998	Developmental neurotoxicity of brominated flame-retardants, polybrominated diphenyl ethers and tetrabromo-bis-phenol A Publisher: Anon. Journal: Organohalogen Compounds Volume: 35 Issue: 9 Pages: 375-377 Year: 1998 Report No.: M-449808-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 11	[REDACTED]	2001	Brominated flame retardants: A novel class of developmental neurotoxicants in our environment? Journal: Environmental Health Perspectives Volume: 109 Issue: 9 Pages: 903-908 Year: 2001 Report No.: M-449787-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 12		1999	PBDE, 2,2',4,4'-pentabromodiphenyl ether, causes permanent neurotoxic effects during a defined period of neonatal brain development Publisher: Anon. Journal: Organohalogen Compounds Volume: 40 Issue: 9 Pages: 333-336 Year: 1999 Report No.: M-449806-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 13	Anon.	2001	European Union risk assessment report - diphenyl ether, pentabromo derivative European Union, EU -public data- Report No.: M-449793-01-1 Date: 2001-12-31 GLP/GEP: n.a., unpublished	No	No		-public data-
KCA 5.8 / 14		1991	Neonatal nicotine exposure induces permanent changes in brain nicotinic receptors and behaviour in adult mice Publisher: Elsevier Journal: Developmental Brain Research Volume: 63 Pages: 201-207 Year: 1991 Report No.: A94728 Edition Number: M-169917-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 15		1983	Effects of DDT on muscarine- and nicotine-like binding sites in CNS of immature and adult mice Publisher: Elsevier Location: Amsterdam Journal: Toxicology Letters Volume: 22 Pages: 329-334 Year: 1984 Report No.: M-449730-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 16	[REDACTED]	1986	The effects of DDT, DDOH-palmitic acid, and a chlorinated paraffin on muscarinic receptors and the sodium-dependent choline uptake in the central nervous system of immature mice Publisher: Academic Press Location: San Diego Journal: Toxicology and Applied Pharmacology Volume: 85 Pages: 121-127 Year: 1986 Report No.: M-449728-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 17	[REDACTED]	1989	Altered behaviour in adult mice exposed to a single low dose of DDT and its fatty acid conjugate as neonates Publisher: Elsevier Location: Amsterdam Journal: Brain Research Volume: 514 Pages: 141-142 Year: 1990 Report No.: M-449725-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 18	[REDACTED]	1990	Neonatal exposure to DDT and its fatty acid conjugate: Effects on cholinergic and behavioural variables in the adult mouse Publisher: Intox Press, Inc. Journal: NeuroToxicology Volume: 11 Pages: 345-354 Year: 1990 Report No.: M-449741-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 19	[REDACTED]	1992	Neuroreceptor and behavioral effects of DDT and pyrethroids in immature and adult mammals Publisher: Plenum Press Journal: The Vulnerable Brain and Environmental Risks Volume: 2 Pages: 235-251 Year: 1992 Report No.: M-449744-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 20	[REDACTED]	1993	Neonatal exposure to DDT induces increased susceptibility to pyrethroid (bioallethrin) exposure at adult age - Changes in cholinergic muscarinic receptor and behavioural variables Publisher: Elsevier Scientific Publishers Ireland Ltd. Location: Amsterdam Journal: Toxicology Volume: 77 Pages: 21-30 Year: 1993 Report No.: A93798 Edition Number: M-168990-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 21	[REDACTED]	1996	Developmental neurotoxicity of four ortho-substituted polychlorinated biphenyls in the neonatal mouse Publisher: Elsevier Location: Amsterdam Journal: Environmental Toxicology and Pharmacology Volume: 1 Pages: 155-165 Year: 1996 Report No.: M-449692-01-1 GLP/GEP: n.a., published	Yes	No		published

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 5.8 / 22	[REDACTED]	1995	Neonatal exposure to 2,2',5,5'-tetrachlorobiphenyl causes increased susceptibility in the cholinergic transmitter system at adult age Publisher: Elsevier Location: Amsterdam Journal: Environmental Toxicology and Pharmacology Volume: 1 Pages: 217-220 Year: 1996 Report No.: M-449695-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 23	[REDACTED]	1997	Developmental neurotoxicity of environmental agents in the neonate Publisher: Intox Press, Inc. Location: USA Journal: NeuroToxicology Volume: 18 Pages: 719-726 Year: 1997 Report No.: M-449739-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 24	[REDACTED]	2000	Neonatal exposure to neurotoxic pesticides increases adult susceptibility: A review of current findings Publisher: Intox Press, Inc. Location: USA Journal: NeuroToxicology Volume: 21 Issue: 1-2 Pages: 37-48 Year: 2000 Report No.: M-449742-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 25	[REDACTED]	1996	Low-dose effects of paraoxon in adult mice exposed neonatally to DDT: changes in behavioural and cholinergic receptor variables Publisher: Elsevier Location: Amsterdam Journal: Environmental Toxicology and Pharmacology Volume: 2 Pages: 307-314 Year: 1996 Report No.: M-449700-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 26	[REDACTED]	1994	Bioallethrin causes permanent changes in behavioural and muscarinic acetylcholine receptor variables in adult mice exposed neonatally to DDT Publisher: Elsevier Location: Amsterdam Journal: European Journal of Pharmacology Volume: 293 Pages: 159-166 Year: 1995 Report No.: M-449701-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 27	[REDACTED]	1997	Changes in behavior and muscarinic receptor density after neonatal and adult exposure to bioallethrin Publisher: Elsevier Location: New York Journal: Neurobiology of Aging Volume: 6 Pages: 545-552 Year: 1998 Report No.: M-449737-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 28	[REDACTED]	1998	Differential expression of muscarinic subtype mRNAs after exposure to neurotoxic pesticides Publisher: Elsevier Location: New York Journal: Neurobiology of Aging Volume: 6 Pages: 553-559 Year: 1998 Report No.: M-449732-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 29	Lingk; Appel	1998	Protocol - Meeting on postnatal neurotoxicity of pyrethroids Federal Institute for Consumers Health Protection and Veterinary Medicine (BgVV), Berlin, Germany -public data- Report No.: M-449721-01-1 Date: 1998-03-17 GLP/GEP: n.a., unpublished	No	No		-public data-
KCA 5.8 / 30	Leist, K. H.	1997	Answers to the questions posed at the symposium entitled Neonatal toxicity of pyrethroids (11 November 1997) in Berlin AgrEvo, Hattersheim, Germany -public data- Report No.: M-449724-01-1 Date: 1997-12-23 GLP/GEP: n.a., unpublished	No	No		-public data-
KCA 5.8 / 31	[REDACTED]	1997	Evaluation of studies on the effects of neonatal exposure to allethrins Publisher: Anon. Journal: Anon. Pages: 1-12 Year: 1997 Report No.: M-449714-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 32	[REDACTED]	1997	Evaluation of studies on the effects of neonatal exposure to allethrins (including cyfluthrin and transfluthrin) Publisher: Anon. Journal: Anon. Pages: 1-18 Year: 1997 Report No.: M-449707-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 33	[REDACTED]	1997	Evaluation of studies on the effects of neonatal exposure to allethrins Publisher: Anon. Journal: Anon. Pages: 1-18 Year: 1997 Report No.: M-449713-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 34	van den Berg, K. J.	1999	Pyrethroid neurotoxicity - Assessment of literature studies LivAdviescentrum Chamische Arbeidsomstanigheden -public data- Report No.: 99-090-H-251 Edition Number: M-449717-01-1 Date: 1999-12-06 GLP/GEP: n.a., unpublished	No	No		-public data-
KCA 5.8 / 35	Leist, K. H.	1998	IVA comments on the minutes of the meeting on postnatal toxicity of pyrethroids, 11 November 1997, BgVV, Berlin AgrEvo, Hattersheim, Germany Bayer Report No.: M-449719-01-1 Date: 1998-05-14 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.8 / 36	Gerhards, H.	1994	Neurotoxicity of pyrethroids Hoechst, Frankfurt am Main, Germany -public data- Report No.: M-449710-01-1 Date: 1994-02-14 GLP/GEP: n.a., unpublished	No	No		-public data-

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KCA 5.8 / 37	[REDACTED]	1999	Expert panel report into possible neurotoxicity of allethrin vaporiser insecticides on neuronal development in mice: Implications for human health Publisher: Anon. Journal: Anon. Pages: 1-24 Year: 1999 Report No.: M-449703-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 38	[REDACTED]	1995	Exposure to an organophosphate (DFP) during a defined period in neonatal life induces permanent changes in brain muscarinic receptors and behaviour in adult mice Publisher: Elsevier Science B.V. Journal: Brain Research Volume: 677 Pages: 13-19 Year: 1995 Report No.: M-450573-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 39	[REDACTED]	1983	RU 22974 - Investigation of possible neurological effects using the tilting plane test. [REDACTED] Bayer Report No.: A41890 Edition Number: M-124953-01-1 Date: 1983-05-05 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.8 / 40	[REDACTED]	1991	Neurotoxic effects of two different pyrethroids, bioallethrin and deltamethrin, on immature and adult mice: Changes in behavioral and muscarinic receptor variables Journal: Toxicology and Applied Pharmacology Volume: 108 Pages: 78-85 Year: 1991 Report No.: A71381 Edition Number: M-149821-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 41	[REDACTED]	1990	Effects of two pyrethroids, bioallethrin and deltamethrin, on subpopulations of muscarinic and nicotinic receptors in the neonatal mouse brain Journal: Toxicology and Applied Pharmacology Volume: 102 Pages: 456-463 Year: 1990 Report No.: A70738 Edition Number: M-149233-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 42	[REDACTED]	1992	Acute intravenous toxicity study with Deltamethrin (preparation with PEG 300) in rats [REDACTED] Bayer Report No.: A49669 Edition Number: M-138700-01-1 Date: 1992-06-15 GLP/GEP: Yes, unpublished ... also filed: KCA 5.2.2 / 03	Yes	Yes		Bayer
KCA 5.8 / 43	[REDACTED]	1994	Age-dependent differences in the susceptibility of rats to deltamethrin Journal: Toxicology and Applied Pharmacology Volume: 126 Pages: 186-190 Year: 1994 Report No.: A72865 Edition Number: M-151164-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 44	[REDACTED]	1992	Acute intravenous toxicity study with Deltamethrin (preparation with PEG 300) in laying hens [REDACTED] Bayer Report No.: A49666 Edition Number: M-138697-01-1 Date: 1992-06-16 GLP/GEP: Yes, unpublished ... also filed: KCA 5.2.2 / 04	Yes	Yes		Bayer

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KCA 5.8 / 45	Leist, K. H.; Strutt, A. V.	2001	Aventis CorpScience response to RMS review on developmental neurotoxicity Deltamethrin Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C014150 Edition Number: M-206060-01-1 Date: 2001-05-31 GLP/GEP: n.a., unpublished ... also filed: KCA 5.6.2 / 04	No	No		Bayer
KCA 5.8 / 46		1985	Changes in cerebral blood flow and glucose metabolism associated with symptoms of pyrethroid toxicity. Journal: Neurotoxicology Volume: 6 Issue: 3 Pages: 1;12 Year: 1985 Report No.: A71269 Edition Number: M-149732-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 47		1998	Perinatal developmental neurotoxicity of PCBs Publisher: Swedish Environmental Protection Agency Location: Sweden Year: 1998 Report No.: M-450684-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 48		1996	EIH report on perinatal developmental neurotoxicity Publisher: Institute for Environmental Health Report No.: M-451754-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 5.8 / 49	[REDACTED]	2001	Klinisch-neurologische und neurophysiologische Untersuchungen an professionellen Schaedlingsbekaempfern mit beruflicher Exposition gegenueber Pyrethroiden und anderen Pestiziden im Vergleich zu einer nicht exponierten Kontrollgruppe Publisher: BGVV Location: Germany Journal: BGVV-Hefte Pages: 1-46 Year: 2000 Report No.: M-453228-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 50	[REDACTED]	1994	Neonatal exposure to a Type-I pyrethroid (bioallethrin) induces dose-response changes in brain muscarinic receptors and behaviour in neonatal and adult mice Journal: Brain Research Volume: 645 Pages: 318;324 Year: 1994 Report No.: M-168988-02-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 51	[REDACTED]	1992	Exposure to DDT during a defined period in neonatal life induces permanent changes in brain muscarinic receptors and behaviour in adult mice Journal: Brain Research Volume: 582 Pages: 277;281 Year: 1992 Report No.: M-169915-02-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8 / 52	[REDACTED]	2005	Relative potencies for acute effects of pyrethroids on motor function in rats Publisher: Oxford University Press Journal: Toxicol. Sci., Volume 89, Issue 1, Page 271-277, Publication Year 2006 Year: 2006 Report No.: M-476568-01-1 GLP/GEP: n.a., published	Yes	No		published

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 5.8 / 53	[REDACTED]	2005	Guidance on setting of acute reference dose (ARfD) for pesticides Publisher: Elsevier Ltd. Journal: Food and Chemical Toxicology Volume: 43 Pages: 1569-1593 Year: 2005 Report No.: M-476565-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.8.1 / 01	Durward, R.	1997	Bacterial reverse mutation assay (Ames Test) Becisthemic acid Code: RU23441 SafePharm Lab. Ltd., Derby, United Kingdom Bayer Report No.: A74229 Report includes Trial Nos.: TOX97103 Edition Number: M-152479-01-1 Date: 1997-10-22 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 5.8.1 / 02	[REDACTED]	1997	Mouse micronucleus test Becisthemic acid Code: RU23441 [REDACTED] Bayer Report No.: A74231 Report includes Trial Nos.: TOX97105 Edition Number: M-152481-01-1 Date: 1997-10-23 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 5.8.1 / 03	[REDACTED]	1997	Rat acute oral toxicity study Becisthemic acid Code: RU 23441 [REDACTED] Bayer Report No.: A74230 Report includes Trial Nos.: TOX97102 Edition Number: M-152480-01-1 Date: 1997-10-17 GLP/GEP: Yes, unpublished ... also filed: KCA 5.8.2 / 01	Yes	Yes		Bayer

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KCA 5.8.1 / 04	Mousquès, A.	2013	Estimation of trans-isomer of deltamethrin exposure - Applicability of the TTC concept Bayer Report No.: M-448284-01-1 Date: 2013-02-04 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.8.1 / 05		2013	Trans isomer of deltamethrin - Acute oral toxicity study in rats Bayer Report No.: 13/055-001P Edition Number: M-461316-01-1 Date: 2013-08-01 GLP/GEP: Yes, unpublished	Yes	Yes	New data requirement for a metabolite	Bayer
KCA 5.8.1 / 06	Herbold, B.	2004	AE 0035073 00 1B97 0001 - Salmonella/microsome test - Plate incorporation and preincubation method Bayer Report No.: C040291 Report includes Trial Nos.: AT01051 Edition Number: M-228638-01-1 Date: 2004-03-02 GLP/GEP: Yes, unpublished	No	Yes	New data requirement for a metabolite	Bayer
KCA 5.8.1 / 07	Wollny, H. E.	2013	Gene mutation assay in Chinese hamster V79 cells in vitro (V79/HPRT) - Trans isomer of deltamethrin AE 0035073 Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer Report No.: 1549101 Edition Number: M-461312-01-1 Date: 2013-07-29 GLP/GEP: Yes, unpublished	No	Yes	New data requirement for a metabolite	Bayer

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KCA 5.8.1 / 08	Bohnenberger, S.	2013	Trans isomer of deltamethrin AE 0035073: In vitro chromosome aberration test in Chinese hamster V79 cells Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer Report No.: 1549102 Edition Number: M-469011-01-1 Date: 2013-10-28 GLP/GEP: Yes, unpublished	No	Yes	New data requirement for a metabolite	Bayer
KCA 5.8.1 / 09	Mousques, A.	2016	Compilation of dRR tables for deltamethrin residue studies from 2009 onwards - Results displayed for cis-deltamethrin, trans isomer and alpha-R isomer Bayer Report No.: M-559648-01-1 Date: 2016-07-13 GLP/GEP: n.a., unpublished ... also filed: KCA 6.4 / 02	No	No		Bayer
KCA 5.8.1 / 10	Lasserre, D.; Christian, L.	2016	Deltamethrin - Additional information on metabolism and toxicology Bayer Report No.: M-559823-01-1 Date: 2016-07-06 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.8.1 / 11		2008	AE F108569 / Deltamethrin alpha-R-isomer acute toxicity in the rat after oral administration Bayer Report No.: AT04700 Edition Number: M-304957-01-1 Date: 2008-07-11 GLP/GEP: Yes, unpublished ... also filed: KCA 5.2.1 / 06	Yes	Yes		Bayer

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KCA 5.8.1 / 12	Shipp, E.	2019	Deltamethrin - In silico assessment of the plant metabolite 3-phenoxybenzaldehyde Bayer Report No.: M-646818-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished ... also filed: KCA 6.9 / 08	No	No		Bayer
KCA 5.8.1 / 13	Shipp, E.	2019	Regulatory toxicology - Position paper - Deltamethrin - In silico comparison of BrCA and Br2CA Bayer Report No.: M-646813-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 5.8.2 / 01		1997	Rat acute oral toxicity study Becisthemic acid Code: RU 23441 Bayer Report No.: A74230 Report includes Trial Nos.: TOX97102 Edition Number: M-152480-01-1 Date: 1997-10-17 GLP/GEP: Yes, unpublished ... also filed: KCA 5.8.1 / 03	Yes	Yes		Bayer
KCA 5.8.2 / 02		2012	Deltamethrin - 28-day immunotoxicity study in the female Sprague-Dawley rat by dietary administration Bayer Report No.: SA 10360 Edition Number: M-428263-01-1 Date: 2012-03-12 GLP/GEP: Yes, unpublished	Yes	Yes	Requested by US EPA/ to complete data package	Bayer

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KCA 5.8.2 / 03	[REDACTED]	2009	Deltamethrin: Plasma kinetic study in the male rat by gavage Bayer Report No.: SA 08235 Edition Number: M-356672-01-2 Date: 2009-09-25 GLP/GEP: Yes, unpublished	Yes	Yes	Mechanistic work to explain acute toxicity of deltamethrin depending on the solvent use	Bayer
KCA 5.8.2 / 04	[REDACTED]	2019	Deltamethrin - Toxicokinetic data Bayer Report No.: M-646790-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 5.8.2 / 05	Osimitz, T.; Sheets, L.; Creek, M.; Hinderliter, P.; Brooks, M.; Moreau, M.; Song, G.; Philips, M.	2018	CAPHRA program overview: Evaluation of age-dependent sensitivity to pyrethroid insecticides TF- Pyrethroid Report No.: M-637253-01-1 Date: 2018-06-15 GLP/GEP: No, unpublished	No	No		TF- Pyrethroid
KCA 5.8.2 / 06	[REDACTED]	2015	Toxicokinetic assessment of blood and tissue deltamethrin concentrations following the administration of a single oral dose to mature rats [REDACTED] Report No.: UGA-TK-1 Edition Number: M-639283-01-1 Date: 2015-02-08 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid
KCA 5.8.2 / 07	[REDACTED]	2016	Deltamethrin: Assessment of age differences in rat plasma protein binding [REDACTED] Report No.: UGA-PB-2 Edition Number: M-639584-01-1 Date: 2016-01-12 GLP/GEP: Yes, unpublished	Yes	Yes		TF- Pyrethroid

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KCA 5.8.2 / 08		2016	Investigation of blood brain barrier transport of deltamethrin [REDACTED] Report No.: 49817603 Edition Number: M-639585-01-1 Date: 2016-01-13 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid
KCA 5.8.2 / 09		2016	Investigation of the potential role of gastrointestinal membrane transporters in deltamethrin absorption [REDACTED] Report No.: 49817604 Edition Number: M-639586-01-1 Date: 2016-01-13 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid
KCA 5.8.2 / 10		2015	Deltamethrin: Assessment of age differences in human plasma protein binding [REDACTED] Report No.: 49817605 Edition Number: M-639587-01-1 Date: 2015-01-12 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid
KCA 5.8.2 / 11		2016	Deltamethrin: Assessment of partition coefficients [REDACTED] Report No.: 4984076 Edition Number: M-639591-01-1 Date: 2016-01-20 GLP/GEP: Yes, unpublished	Yes	Yes		TF- Pyrethroid

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KCA 5.8.2 / 12	[REDACTED]	2016	Deltamethrin and cis- and trans-permethrin: Studies on the kinetics of deltamethrin and cis- and trans-permethrin metabolism by rat and human liver microsomes [REDACTED] Report No.: LFR-5503/2 Edition Number: M-639647-01-1 Date: 2016-04-12 GLP/GEP: Yes, unpublished	Yes	Yes		TF- Pyrethroid
KCA 5.8.2 / 13	[REDACTED]	2016	Toxicokinetic assessment of blood and tissue deltamethrin concentrations following the administration of a single oral dose to 15-day-old pups [REDACTED] Report No.: UGA-TK-3 Edition Number: M-639649-01-1 Date: 2016-02-08 GLP/GEP: Yes, unpublished	Yes	Yes		TF- Pyrethroid
KCA 5.8.2 / 14	[REDACTED]	2016	Toxicokinetic assessment of blood and tissue deltamethrin concentrations following the administration of a single oral dose to 21-day-old pups [REDACTED] Report No.: UGA-TK-2 Edition Number: M-639650-01-1 Date: 2016-02-08 GLP/GEP: Yes, unpublished	Yes	Yes		TF- Pyrethroid
KCA 5.8.2 / 15	[REDACTED]	2017	Investigation into the in vivo association of 14-C-deltamethrin with rat plasma lipoproteins [REDACTED] Report No.: CXR1698 Edition Number: M-639757-01-1 Date: 2017-04-20 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid

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KCA 5.8.2 / 16	[REDACTED]	2017	Association of 14-C-deltamethrin to rat lipoproteins in vitro [REDACTED] Report No.: CXR1668 Edition Number: M-639758-01-1 Date: 2017-04-14 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid
KCA 5.8.2 / 17	[REDACTED]	2016	Determination of human hepatic ces1 and ces2 age-dependent developmental expression patterns in postnatal ages birth to 18 years [REDACTED] Report No.: MCS-120601-1 Edition Number: M-639762-01-1 Date: 2016-04-12 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid
KCA 5.8.2 / 18	[REDACTED]	2016	Deltamethrin: Determination of rates of metabolism of deltamethrin by tissue preparations from 15, 21 and 90 day old rats [REDACTED] Report No.: LFR-5503/6 Edition Number: M-639763-01-1 Date: 2016-04-12 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid
KCA 5.8.2 / 19	[REDACTED]	2016	Deltamethrin: comparison of rates of metabolism of deltamethrin by rat hepatocytes and liver subcellular fraction [REDACTED] Report No.: LFR-5503-5 Edition Number: M-639764-01-1 Date: 2016-05-02 GLP/GEP: No, unpublished	Yes	No		TF- Pyrethroid

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KCA 5.8.2 / 20		2018	Deltamethrin: A study to determine the kinetics of metabolism of deltamethrin in rat and human plasma, rat and human liver microsomes and rat and human liver Cytosol - Final report amendment 1 CXR1574-I Report No.: 50600304 Edition Number: M-639929-01-1 Date: 2018-05-31 GLP/GEP: Yes, unpublished	Yes	Yes		TF- Pyrethroid
KCA 5.8.2 / 21	Golka, I.	2019	Epimerization of deltamethrin (AE F032640) and the alpha-r-isomer (AE F108569) Bayer Report No.: AF19/002 Edition Number: M-646758-01-1 Date: 2019-01-17 GLP/GEP: n.a., unpublished ... also filed: KCA 1.9 / 05	No	No		Bayer
KCA 5.8.2 / 22	Shipp, E.	2019	Regulatory toxicology - Position paper - Deltamethrin - In silico assessment of specific impurities Bayer Report No.: M-646814-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished confidential	No	No		Bayer
KCA 5.8.3 / 01		2006	Assessment of deltamethrin (pyrethroid insecticide) in relation to endocrine disruption Bayer Report No.: M-263733-01-1 Date: 2006-01-16 GLP/GEP: n.a., unpublished	Yes	No		Bayer

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KCA 5.9 / 01	[REDACTED]	1985	Etude de l'efficacite d'une creme a l'alphatocopherol sur l'irritation provoquee par l'application cutanee de deltamethrine. [REDACTED] Bayer Report No.: A70888 Edition Number: M-149372-01-1 Date: 1985-08-01 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.9 / 02	Anon.	1989	Deltamethrin health and safety guide Journal: IPCS International Programme on Chemical Safety Volume: 30 Pages: 1-33 Year: 1989 Report No.: A46424 Edition Number: M-130468-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.1 / 01	[REDACTED]	1994	Donnees medicales concernant la deltamethrine. [REDACTED] Bayer Report No.: A70883 Edition Number: M-149367-01-1 Date: 1994-11-18 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 5.9.1 / 02	[REDACTED]	1994	Cutaneous subjective sensations: Pyrethroids handling in the Roussel Uclaf plants in France for 10 years. Report from occupational medical survey. [REDACTED] Bayer Report No.: A70823 Edition Number: M-149311-01-1 Date: 1994-08-09 GLP/GEP: n.a., unpublished	Yes	No		Bayer

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KCA 5.9.2 / 01	[REDACTED]	1979	Report on the case of Decis poisoning. [REDACTED] Bayer Report No.: A71234 Edition Number: M-149701-01-1 Date: 1979-01-25 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.9.2 / 02	[REDACTED]	1987	Bilan du Decis dans l'activite du Centre anti-poison de Marseille [REDACTED] Bayer Report No.: A71237 Edition Number: M-149704-01-1 Date: 1987-01-01 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 5.9.2 / 03	He, F.; Wang, S.; Liu, L.; Chen, S.; Zhang, Z.; Sun, J.	1989	Clinical manifestations and diagnosis of acute pyrethroid poisoning Journal: Archives of Toxicology Volume: 63 Pages: 54-58 Year: 1989 Report No.: A71235 Edition Number: M-149702-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.2 / 04	Hermouet, C.	1992	Traitement de l'intoxication aigue a la deltamethrine par l'atropine et/ou le diazepam. Roussel Uclaf, Romainville, France Bayer Report No.: A70988 Edition Number: M-149469-01-1 Date: 1992-12-09 GLP/GEP: No, unpublished ... also filed: KCA 5.9.5 / 01	No	No		Bayer

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KCA 5.9.2 / 05	[REDACTED]	1992	Intoxications par la deltamethrine: 84 cas notifiés au Centre Anti Poisons de Paris de 1988 à 1992. [REDACTED] Report No.: A72704 Edition Number: M-151005-01-1 Date: 1992-01-01 GLP/GEP: No, unpublished	Yes	No		
KCA 5.9.3 / 01	[REDACTED]	1981	An operator study with deltamethrin including measurements of nerve conduction times. [REDACTED] Bayer Report No.: A41943 Edition Number: M-125000-01-1 Date: 1981-11-01 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 5.9.3 / 02	Delemotte, B.; Foulhoux, P.; Nguyen, S. N.; Fages, J.; Portos, J. L.	1987	Le risque pesticide en agriculture. Journal: Archives Maladies Professionnelles Medecine Travail et Securite Sociale (Paris) Volume: 48 Issue: 6 Pages: 467-475 Year: 1987 Report No.: A70766 Edition Number: M-149260-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.3 / 03	He, F.; Sun, J.; Han, K.; Wu, Y.; Yao, P.; Wang, S.; Liu, L.	1988	Effects of pyrethroid insecticides on subjects engaged in packaging pyrethroids Journal: British Journal of Industrial Medicine Volume: 45 Pages: 548-551 Year: 1988 Report No.: A70850 Edition Number: M-149335-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 5.9.3 / 04	Shujie, W.; Qinglang, Z.; Lan, Y.; Bohong, X.; Yurui, L.	1988	Health survey among farmers exposed to deltamethrin in the cotton fields Journal: Ecotoxicology and Environmental Safety Issue: 15 Pages: 1-6 Year: 1988 Report No.: A41945 Edition Number: M-125002-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.3 / 05	Lisi, P.	1992	Sensitization risk of pyrethroid insecticides. Journal: Contact Dermatitis Volume: 26 Pages: 349-350 Year: 1992 Report No.: A70889 Edition Number: M-149373-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.3 / 06	Zou, J. F.; Bai, J.; Sun, S. Q.	2007	One case of acute athetosis induced by benzene and deltamethrin poisoning Journal: Chin J. Ind Hyg Occup Dis Volume: 25 Issue: 10 Pages: 615-616 Year: 2007 Report No.: M-476525-01-2 GLP/GEP: n.a., published	No	No		published
KCA 5.9.3 / 07	Martínez-Navarrete, J.; Loria-Castellanos, J.; Nava-Ocampo, A. A.	2008	Accidental poisoning with Chinese chalk Publisher: Mattioli 1885 Journal: Acta Bio Med. Atenei Parmensis, Volume 79, Issue 1, Page 36-38, Publication Year 2008 Year: 2008 Report No.: M-476804-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 5.9.3 / 08	Diddee, S.; Aggarwal, R.	2009	Organophosphate or organochlorines or something else....? Publisher: Medknow Publications Location: http://www.ijccm.org/backissues.asp Journal: Indian Journal of Critical Care Medicine, Volume 13, Number 1, 2009 Pages: 31-33 Year: 2009 Report No.: M-476294-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.3 / 09	Rai, K.; Arora, A.; Ghosh, S.; Ahlawat, A.	2009	An unusual cause of status epilepticus. Publisher: Medknow Publications Location: http://www.ijccm.org/backissues.asp Journal: Indian Journal of Critical Care Medicine, Volume 13, Number 2, 2009 Pages: 106-107 Year: 2009 Report No.: M-476295-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.3 / 10	Magdalan, J.; Zawadzki, M.; Merwid-Lad, A.	2009	Fatal intoxication with hydrocarbons in deltamethrin preparation Publisher: SAGE Location: http://het.sagepub.com/content/28/12.toc Journal: Human and Experimental Toxicology, Volume 28, Issue 12, 2009 Pages: 791 -793 Year: 2009 Report No.: M-476302-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.3 / 11	Eken, C.; Kekec, Z.; Cete, Y.; Demiryurek, A.; Gunay, N.	2010	Oral deltamethrin ingestion due in a suicide attempt. Publisher: AEPress, s.r.o. Location: http://bmj.fmed.uniba.sk/2010/11105-13.pdf Journal: Bratislavské lekárske listy, Volume 111, Issue 5, 2010 Pages: 303-305 Year: 2010 Report No.: M-476303-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 5.9.3 / 12	Sams, C.; Jones, K.	2011	Biological monitoring for exposure to deltamethrin: A human oral dosing study and background levels in the UK general population. Publisher: Elsevier Location: http://www.sciencedirect.com/science/journal/03784274/213/1 Journal: Toxicology Letters, Volume 213, Issue 1, August 2012 Pages: 35-38 Year: 2011 Report No.: M-476774-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.4 / 01	Yao, P.; Li, Y.; Ding, Y.; He, F.	1992	Biological monitoring of deltamethrin in sprayers by HPLC method Journal: Journal of Hygiene, Epidemiology, Microbiology and Immunology Volume: 36 Issue: 1 Pages: 31-36 Year: 1992 Report No.: A71232 Edition Number: M-149699-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.4 / 02	Ding, B. M.; Gong, J. X.; Bao, Z. F.	2008	Analysis of the status of pesticide poisoning in Jiangsu province in 2006 Journal: Xiandai Yufang Yixue, Volume 35, Issue 11, Page 2118-2120, Publication Year 2008 Year: 2008 Report No.: M-462640-01-1 GLP/GEP: n.a., published	No	No		published
KCA 5.9.4 / 03	Bradberry, S. M.; Cage, S. A.; Proudfoot, A. T.; Vale, J. A.	2005	Poisoning due to pyrethroids Publisher: Adis Data Information BV. Journal: Toxicological Reviews (2005) Volume 24, Number 2, pp. 93-106 ISSN: 1172-2551 Published by: Adis International Ltd, Auckland URL: http://pt.wkhealth.com/pt/re/tox/abstract.00139709-200524020-00003.htmj sessionid equals FIQX0tm0sh010s3JNCKQxnckWsKffMN9Tc5GWB Year: 2005 Report No.: M-462619-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 5.9.4 / 04	Burns, C. J.; Pastoor, T. P.	2017	Literature review and interpretation of epidemiology and exposure studies specific to pyrethroid insecticides: Pyrethroid working group phase II report Burns Epidemiology Consulting, LLC, USA TF- Pyrethroid Report No.: M-594914-01-1 Date: 2016-11-01 GLP/GEP: No, unpublished	No	No		TF- Pyrethroid
KCA 5.9.4 / 05	[REDACTED]	2018	Pyrethroid epidemiology: a quality-based review Publisher: https://www.bordeaux.inra.fr/cherry/docs/dossiers/Activites Journal: none Issue: 2 Year: 2016 Report No.: M-613446-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 5.9.5 / 01	Hermouet, C.	1992	Traitement de l'intoxication aigue a la deltamethrine par l'atropine et/ou le diazepam. Roussel Uclaf, Romainville, France Bayer Report No.: A70988 Edition Number: M-149469-01-1 Date: 1992-12-09 GLP/GEP: No, unpublished ... also filed: KCA 5.9.2 / 04	No	No		Bayer
KCA 5.9.5 / 02	[REDACTED]	1992	Lettre interne sur l'efficacité des médicaments et crèmes différentes chez des gens avec des paresthesia.t [REDACTED] Bayer Report No.: A70989 Edition Number: M-149470-01-1 Date: 1992-09-21 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 5.9.5 / 03	[REDACTED]	2009	Fourth national report on human exposure to environmental chemicals Publisher: Department of Health and Human Services Centers for Disease Year: 2009 Report No.: M-475775-01-1 GLP/GEP: n.a., published	Yes	No		published

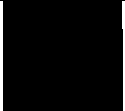
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.1 / 01	Grigor, A. F.	1990	Storage stability study for combined residues of tralomethrin, deltamethrin and trans-deltamethrin in lettuce in a freezer stability study. Chemalysis, Inc., USA Bayer Report No.: A73531 Edition Number: M-151815-01-1 Date: 1990-03-01 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.1 / 02	Grigor, A. F.	1991	Supplement to: Determination of the combined residues of tralomethrin, deltamethrin and trans-deltamethrin in lettuce in a freezer stability study. Chemalysis, Inc., USA Bayer Report No.: A71112 Edition Number: M-149583-01-1 Date: 1991-11-11 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.1 / 03	Ballesteros, C.	2012	Storage stability of residues of deltamethrin (AE F032640) and its isomers AE F108569 and AE 0035073 in orange during deep freeze storage for up to 24 months Bayer Report No.: 09-07 Edition Number: M-441996-01-1 Date: 2012-11-19 GLP/GEP: Yes, unpublished	No	Yes	New data requirement at EU level	Bayer
KCA 6.1 / 04	Czarnecki, J. J.	1996	Amended summary report covering submission guidelines for magnitude of the residue (171-4(k)), processed food/feed (171-4(l)), residue methodology (171-4(c)) and storage stability (171-4(e)) for residues of deltamethrin and its metabolites AgrEvo USA Company, Pikeville, NC, USA Bayer Report No.: A55828 Edition Number: M-139715-01-1 Date: 1996-10-22 GLP/GEP: Yes, unpublished	No	Yes	Necessary to cover the EU data requirement	Bayer

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KCA 6.1 / 05	Anon.	2015	Deltamethrin - AIR 3 renewal Bayer - 014/01279 - UK CRD request on residues (dated 09-10-2015) Bayer Report No.: M-536440-01-1 Date: 2015-10-09 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.1 / 06	Sadler, T.	2019	Linearity data for method HRAV-10 and method DGM F01/97-0 Bayer Report No.: M-646787-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished ... also filed: KCA 4.1.2 / 58	No	No		Bayer
KCA 6.1 / 07	Rose, S. J.	1985	One-year storage stability of tralomethrin and deltamethrin in soybean seeds. Tegeris Laboratories, Inc., Laurel, MD, USA Bayer Report No.: A73611 Edition Number: M-151894-01-1 Date: 1985-05-06 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.1 / 08	Czarnecki, J. J.	1996	Amended summary report covering submission guidelines for magnitude of the residue, processed food/feed, storage stability, and residue methodology for residues of deltamethrin, and metabolites, trans-deltamethrin and alpha-R- deltamethrin, AgrEvo USA Company, Pikeville, NC, USA Bayer Report No.: A55837 Edition Number: M-139724-01-1 Date: 1996-10-22 GLP/GEP: n.a., unpublished	No	No		Bayer


Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.1 / 09	Hsu, R. S.; Czarnecki, J. J.; Kwiatkoski, D. M.	1993	Summary report covering submission guidelines for magnitude of the residue [171-4 (k)], processed food/feed [171-4 (l)], storage stability [171-4(e)] and residue methodology [171-4 (c)] for residues of tralomethrin and its metabolites delta Huntingdon Analytical Services, Middleport, NY, USA Bayer Report No.: A73997 Edition Number: M-152266-01-1 Date: 1993-08-02 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.1 / 10	Czarnecki, J. J.; Hsu, R. S.; Kwiatkoski, D. M.	1992	Summary report covering magnitude of the residue, storage stability and residue analytical method for residues of tralomethrin and its metabolites (deltamethrin and trans-deltamethrin) in or on tomatoes. Huntingdon Analytical Services, Middleport, NY, USA Bayer Report No.: A73998 Edition Number: M-152267-01-1 Date: 1992-12-21 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.1 / 11	Singer, G. M.	1999	At harvest deltamethrin-derived residues in cabbage following eight applications of DECIS (R) at the maximum proposed rate and the shortest proposed PHI, USA, 1998 AgrEvo USA Company, Pikeville, NC, USA Bayer Report No.: C002732 Edition Number: M-184972-01-1 Date: 1999-04-23 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.1 / 12	McKinney, F. R.; Clayton, F. B.	1991	Stability of Tralomethrin, cis-Deltamethrin and trans-Deltamethrin in cottonseed under freezer storage conditions [with alpha-R-Deltamethrin and stability in processed commodities (cottonseed fractions) added by amendment] EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: C038177 Report includes Trial Nos.: ECRCNC91ENCAA1US890011 Edition Number: M-224446-01-1 Date: 1991-10-09 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.1 / 13	Williams, L.	2000	Stability of Deltamethrin Residues in Cabbage During Frozen Storage, USA, 1999 Aventis CropScience USA LP, RTP, NC, USA Bayer Report No.: B002954 Report includes Trial Nos.: BP99R001 Edition Number: M-238621-01-1 Date: 2000-09-13 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.2 / 01	Ruzo, L. O.; Casida, J. E.	1979	Degradation of Decamethrin on Cotton Plants Journal: Journal of Agricultural and Food Chemistry Volume: 27 Issue: 3 Pages: 572-575 Year: 1979 Report No.: A20237 Edition Number: M-093407-01-1 GLP/GEP: n.a., published	No	No		published
KCA 6.2 / 02	Salmon, J.; van Assche, C. J.; Salmon, M.	1977	Etude preliminaire de l'absorption et du transport de RU 22974 sur coton. Procida, Les Algorithmes, Gif sur Yvette, France Bayer Report No.: A71134 Edition Number: M-149605-01-1 Date: 1977-09-13 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 6.2 / 03	Merricks, L.; Swidersky, P.	1985	Identification of the residues of (14C)-labeled deltamethrin, Decis, in the tomato plant Agriseach UK Ltd., Melbourne, United Kingdom Bayer Report No.: A41994 Edition Number: M-125042-01-1 Date: 1985-04-24 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.2 / 04	Krebs, B.; Eickhoff, H.; Raquet, H.; Thier, W.	1986	Deltamethrin - Bestimmung von Rueckstaenden in Gemuesekulturen nach Aufnahme aus kontaminiertem Boden Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A34266 Edition Number: M-115043-01-1 Date: 1986-06-06 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.2 / 05	Erstfeld, K. M.; Larson, J. D.; Lange, B. D.	1994	C-14 Deltamethrin: Confined Accumulation in Rotational Crops 30 and 120 Day Experiment Pan-Agricultural Laboratories, Inc., Madera, CA, USA Bayer Report No.: A47914 Report includes Trial Nos.: 89-0101 Edition Number: M-136651-02-1 Date: 1991-08-26 ... amended: 1994-05-06 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.2 / 06	Periasamy, R.; Kimmel, E. C.; Toia, R. F.	1994	Metabolism of [14C-acid] and [14C-alcohol] Decis (deltamethrin) in apples PTRL West, Inc., Richmond, CA, USA Bayer Report No.: A71034 Edition Number: M-149515-01-1 Date: 1994-01-18 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.2 / 07	Periasamy, R.; Kimmel, E. C.; Toia, R. F.	1994	Metabolism of [14C-Acid] and [14C-Alcohol] Decis (deltamethrin) in field corn. PTRL West, Inc., Richmond, CA, USA Bayer Report No.: A71098 Edition Number: M-149571-01-1 Date: 1994-02-11 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.2 / 08	Timme, G.; Frehse, H.; Laska, V.	1986	Statistical interpretation and graphic representation of the degradational behaviour of pesticide residues. II. Journal: Pflanzenschutz-Nachrichten Bayer Volume: 39 Issue: 2 Pages: 188-204 Year: 1986 Report No.: A53503 Edition Number: M-121089-01-2 GLP/GEP: n.a., published	No	No		published
KCA 6.2 / 09	Fisher, P. J.	2000	Conversion of tralomethrin to deltamethrin in mammals (expert summary) Aventis CropScience S.A., Lyon, France Bayer Report No.: C009954 Edition Number: M-199580-01-1 Date: 2000-10-02 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.2 / 10		1982	Pyrethroid metabolism: comparative fate in rats of tralomethrin, tralocythrin, deltamethrin and (1R,α S)-cis- cypermethrin. Journal: Journal of Agricultural and Food Chemistry Volume: 30 Pages: 631-636 Year: 1982 Report No.: A71114 Edition Number: M-149585-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.1 / 01	Yes	No		published

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KCA 6.2 / 11	[REDACTED]	1990	Metabolism of 14C-tralomethrin in rats. [REDACTED] Bayer Report No.: A73039 Edition Number: M-151332-01-1 Date: 1990-04-05 GLP/GEP: Yes, unpublished ... also filed: KCA 5.1.1 / 01	Yes	Yes		Bayer
KCA 6.2 / 12	[REDACTED]	2016	Deltamethrin - Additional information on residues and metabolism Bayer Report No.: M-560007-01-1 Date: 2016-07-21 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 6.2 / 13	Christian, I.	2019	Deltamethrin - Occurrence of metabolites in the rat, plants and livestock Bayer Report No.: M-646371-01-1 Date: 2019-01-03 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.2 / 14	Christian, I.	2019	Summary of the toxicological and metabolism studies for Ddmethrin - ADME studies already evaluated during previous Annex I inclusion Bayer Report No.: M-646370-01-1 Date: 2019-01-14 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.2.1 / 01	O'Grodnick, J. S.; Larson, J. D.	1990	14C-deltamethrin: Nature of the residue in cotton. Hazleton Laboratories America, Inc., USA Bayer Report No.: A71094 Edition Number: M-149567-01-1 Date: 1990-09-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.2.1 / 02	Larson, J. D.	1994	14C-deltamethrin: Nature of the residue in cotton (analytical phase - supplements number 1 and 2) Hazleton Laboratories America, Inc., USA Bayer Report No.: A71095 Edition Number: M-191128-02-1 Date: 1991-08-26 ... amended: 1994-05-06 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.2.1 / 03	Salmon, J.; van Assche, C. J.; Salmon, M.	1977	Preliminary uptake - Translocation studies of Ru 22974 in cotton. Procida, Les Algorithmes, Gif sur Yvette, France Bayer Report No.: A41995 Edition Number: M-149605-01-2 Date: 1977-09-13 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.2.2 / 01		1985	Metabolism, distribution, and excretion of deltamethrin by leghorn hens. Journal: Journal of Agricultural and Food Chemistry Volume: 33 Issue: 4 Pages: 610-617 Year: 1985 Report No.: A35015 Edition Number: M-116708-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.1.1 / 06 KCA 5.1.2 / 06	Yes	No		published

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KCA 6.2.2 / 02		1994	Equivalent mixture of (14C-phenyl)-cypermethrin, (14C-benzyl)-deltamethrin and (14C-phenoxyphenyl)-fenvaterate: Distribution - kinetics and excretion after single oral administration to laying hens Bayer Report No.: A52315 Edition Number: M-133155-01-1 Date: 1994-03-30 GLP/GEP: Yes, unpublished ... also filed: KCA 5.1.1 / 03	Yes	Yes		Bayer
KCA 6.2.2 / 03		1993	(14C-Benzyl)-deltamethrin: Distribution - Kinetics and Excretion after single intravenous Administration to laying Hens Bayer Report No.: A51514 Edition Number: M-132448-01-1 Date: 1993-08-05 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 6.2.3 / 01		1986	Fate of 14C-Deltamethrin in lactating dairy cows. Journal: Journal of Agricultural and Food Chemistry Volume: 34 Issue: 4 Pages: 753-758 Year: 1986 Report No.: A34280 Edition Number: M-115057-01-1 GLP/GEP: n.a., published ... also filed: KCA 5.1.1 / 07 KCA 5.1.2 / 07	Yes	No		published

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KCA 6.2.3 / 02	[REDACTED]	1995	Metabolism of 14C-benzyl-tralomethrin and 14C-gem-dimethyl-tralomethrin in lactating dairy cattle and storage stability of tralomethrin and deltamethrin in cow milk and tissues. [REDACTED] Bayer Report No.: A70045 Report includes Trial Nos.: HR-01-88 Edition Number: M-148609-02-1 Date: 1991-09-27 ... amended: 1995-11-07 GLP/GEP: Yes, unpublished ... also filed: KCA 6.4.2 / 05	Yes	Yes		Bayer
KCA 6.2.5 / 01	[REDACTED]	1993	Deltamethrin: Bioconcentration exposure with Bluegill Sunfish (Lepomis macrochirus) and identification of resulting metabolites. [REDACTED] Bayer Report No.: A70918 Report includes Trial Nos.: 1719.0393.6231.140 Edition Number: M-149401-01-1 Date: 1993-12-20 GLP/GEP: Yes, unpublished	Yes	Yes	Not submitted for last Annex I listing, necessary to address EU data requirement	Bayer
KCA 6.3 / 01	Fuchsichler, G.	1990	Hoe 032640 (deltamethrin): Storage stability in hops and beer (storage interval 5 1/2 months). Bayer Report No.: A71869 Edition Number: M-150246-01-1 Date: 1990-03-29 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 6.3 / 02	McKinney, F. R.; Clayton, F. B.	1995	Stability of tralomethrin, cis-deltamethrin and trans-deltamethrin in cottonseed under freezer storage conditions (with alpha- R-Deltamethrin and stability in processed commodities, cottonseed fractions, added by amendment). EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A71103 Edition Number: M-149576-01-1 Date: 1995-01-11 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 03	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in animal feed. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71894 Edition Number: M-150269-01-1 Date: 1995-03-22 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 04	de Wilde, G.	1995	Deltamethrin: Residue data summary from supervised trials in legume vegetables (fresh): Beans and peas with pods. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71733 Edition Number: M-150126-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 05	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in stem vegetables: Asparagus. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71770 Edition Number: M-150158-01-1 Date: 1995-03-27 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 06	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in pulses: dry bean, dry lentils, dry peas. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71886 Edition Number: M-150261-01-1 Date: 1995-04-03 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 07	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in hops. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71842 Edition Number: M-150219-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 08	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in cacao. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71872 Edition Number: M-150249-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 09	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in coffee. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71895 Edition Number: M-150270-01-1 Date: 1995-03-30 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 10	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in Citrus. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71438 Edition Number: M-149870-01-1 Date: 1995-03-13 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 11	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in stone fruits: Apricots, cherries, peaches, plums. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71519 Edition Number: M-149932-01-1 Date: 1995-03-15 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 12	de Wilde, G.	1995	Deltamethrin: Residues data summary trials in berries: Grapes (wine and table grapes). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71536 Edition Number: M-149946-01-1 Date: 1995-03-15 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 13	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in leaf vegetables and fresh herbs: Lettuce and similar. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71692 Edition Number: M-150086-01-1 Date: 1995-03-17 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 14	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in leaf vegetables, fresh herbs - Celery. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71730 Edition Number: M-150123-01-1 Date: 1995-03-20 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 15	Moede, J.	1996	Report on plant protection residue trial. (Hoe 032640, Prunus persica var persica and var nucipersica) AgrEvo UK Crop Protection Ltd., Chesterford Park, United Kingdom Bayer Report No.: A56981 Edition Number: M-140755-01-1 Date: 1996-06-11 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 16	Klein, E. H. J.; Buerstell, H.	1996	Deltamethrin; Emulsifiable granules 6.25 % w/w; Code: AE F032640 00 EG06 A103 -Residue trials in peas (canning) to confirm maximum residue level compliance. Determination of active substance at harvest following three applications. European Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56787 Edition Number: M-140572-01-1 Date: 1996-10-07 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 17	Klein, E. H. J.; Martens, R.	1997	Residues trials in peaches to confirm Maximum Residue Level compliance. Determination of active substance following 3 applications. European Union, Southern zone, 1996. Deltamethrin - emulsifiable granules 62.5 a.s./kg. Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74186 Edition Number: M-152437-01-1 Date: 1997-08-11 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 18	Klein, E. H. J.; Martens, R.	1997	Residue trials in green beans to confirm Maximum Residue Level compliance. Determination of active substance following two applications. European Union, Northern zone 1996. Deltamethrin - EG emulsifiable granules 62.5 g as/kg Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74188 Edition Number: M-152439-01-1 Date: 1997-07-25 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 19	Klein, E. H. J.; Martens, R.	1997	Residue trials in green beans to confirm Maximum Residue Level compliance. Determination of active substance following two applications. European Union, Southern zone 1996. Deltamethrin - emulsifiable granules 62.5 g a.s./kg. Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74187 Edition Number: M-152438-01-1 Date: 1997-07-28 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 20	Klein, E. H. J.; Moede, J.	1996	Deltamethrin EG (emulsifiable granules) 6.25 %; Code: Hoe 032640 00 EG06 A102 -Determination of residues of Hoe 032640 to verify the existing maximum residue level following 3 applications in lettuce under field and plastic covered green ho Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A55221 Edition Number: M-139191-01-1 Date: 1996-05-03 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 21	Klein, E. H. J.; Moede, J.	1996	Deltamethrin; emulsifiable granules 6.25 % w/w; Code: AE F032640 00 EG06 A103 -Determination of residues of AE F032640 to verify the existing maximum residue level following three applications in lettuce under field conditions. 1995 Europea Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56782 Edition Number: M-140567-01-1 Date: 1996-09-17 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 22	McKinney, F. R.	1994	Determination of freezer residue stability for deltamethrin (alpha-R, cis, and trans) and tralomethrin in poultry tissues. EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A54085 Edition Number: M-134680-01-1 Date: 1994-08-12 GLP/GEP: Yes, unpublished ... also filed: KCA 6.4.1 / 02	No	Yes		Bayer
KCA 6.3 / 23	Klein, E. H. J.	2001	Residues at harvest in kidney beans, green European Union, Southern zone 2000 Deltamethrin, AE F032640 emulsifiable concentrate (EC) 2.81 % w/w (= 25 g/L) Code: AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016472 Edition Number: M-202465-01-1 Date: 2001-11-28 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 24	Klein, E. H. J.; Martens, R.	2000	Residues at harvest in walnuts European Union (northern zone) 1999 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A107 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C009200 Edition Number: M-198192-01-1 Date: 2000-09-28 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 25	Klein, E. H. J.; Martens, R.	2000	Residues at harvest in hazel-and walnuts European union (southern zone),1999 Deltamethrin, AE F032640 emulsifiable granule 6.25 % w/w Code: AE F032640 00 EG06 A107 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C009201 Edition Number: M-198193-01-1 Date: 2000-10-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 26	Davies, P.	2001	Residues at harvest in hazelnuts European Union (Southern zone), 2000 Deltamethrin emulsifiable concentrate (EC) 2.81 % w/w (25 g/L) Code: AE F032640 00 EC03 B007 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C014846 Edition Number: M-207403-01-1 Date: 2001-11-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 27	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in tree nuts: Walnut. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71823 Edition Number: M-150203-01-1 Date: 1995-12-15 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 28	Luttringer, M.; Boltz, V.	1995	Rapport d'essai residus. Analyses de residus de deltamethrine sur noix. Institut National de la Recherche Agronomique, France Bayer Report No.: A70667 Edition Number: M-149168-01-1 Date: 1995-03-10 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 29	Neuss, B.	2001	Residue data summary from supervised trials Tree nuts: Hazelnuts and walnuts Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015915 Edition Number: M-201403-01-1 Date: 2001-11-05 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 30	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in pome fruits (apples and pears). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71460 Edition Number: M-149883-01-1 Date: 1995-03-13 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 31	Kurzmeier, E.	1998	Residues data summary from supervised trials in pome fruit (apples). Additional data Deltamethrin Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005438 Edition Number: M-192078-01-1 Date: 1998-01-28 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 32	Neuss, B.	2001	Residues data summary from supervised trials - apples Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015916 Edition Number: M-201404-01-1 Date: 2001-11-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 33	Klein, E. H. J.	2001	Decline of residues in apples (bridging data) European Union, Southern zone 2000 Deltamethrin emulsifiable concentrate (EC) emulsifiable granule (EG) oil in water formulation (EW) 25 g/L / 6.25 %/ 15 g/L Codes: AE F032640 00 EC03 B005; AE F Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017035 Edition Number: M-203523-01-1 Date: 2001-11-26 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 34	Klein, E. H. J.; Buerstell, H.	1997	Residue trials in apples to confirm MRL compliance. Determination of a.i. following 5 applications. EU, Southern zone 1996 DT EG 62.5 g/kg Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74166 Edition Number: M-152417-01-1 Date: 1997-07-02 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 35	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in berries and small fruits: Strawberries. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71556 Edition Number: M-149963-01-1 Date: 1995-03-15 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 36	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in Cane fruits: Raspberries, Blackberries. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71565 Edition Number: M-149972-01-1 Date: 1995-03-15 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 37	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in other small fruits and berries: currants and wild berries. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71567 Edition Number: M-149974-01-1 Date: 1995-03-15 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 38	Klein, E. H. J.	2001	Decline of residues in strawberries (bridging data) European Union, Northern Zone 2000 Deltamethrin EC (emulsifiable concentrate) 25 g/L EG (emulsifiable granule) 6.25 % EW (oil in water emulsion) 15 g/L Codes: AE F032640 00 EC03 B005; AE F Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016894 Edition Number: M-203252-01-1 Date: 2001-11-27 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 39	Kurzmeier, E.	1998	Residues data summary from supervised trials in berries and small fruits: Strawberries. additional data Deltamethrin Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005441 Edition Number: M-192084-01-1 Date: 1998-01-30 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 40	Klein, E. H. J.; Buerstell, H.	1996	Deltamethrin; EG (emulsifiable granule) 6.25 % w/w; Code: AE F032640 00 EG06 A102 -Residue trials in strawberries to confirm MRL compliance. Determination of active substance at harvest following 3 applications under field conditions. Europ Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56783 Edition Number: M-140568-01-1 Date: 1996-09-17 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 41	Klein, E. H. J.; Moede, J.	1996	Deltamethrin EG (emulsifiable granule) 6.25 %; Code: Hoe 032640 00 EG06 A102 - Determination of residues of Hoe 032640 to verify the existing maximum residue level following 3 applications in strawberries under field conditions. Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A55222 Edition Number: M-139192-01-1 Date: 1996-04-26 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 42	Neuss, B.	2001	Residues data summary from supervised trials Berries and small fruit: strawberries Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017004 Edition Number: M-203463-01-1 Date: 2001-11-19 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 43	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in miscellaneous fruits (figs, kiwi, ananas, olives). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71572 Edition Number: M-149979-01-1 Date: 1995-03-15 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 44	Klein, E. H. J.; Martens, R.	1999	Decline of residues in olives European Union (Southern zone) 1998 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005160 Edition Number: M-191497-01-1 Date: 1999-12-21 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 45	Davies, P.	2001	Decline of residues in olives European Union southern zone 2000 deltamethrin emulsifiable concentrate (EC) 2.81 % w/w (25 g/L) Code: AE F032640 00 EC03 B007; AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016290 Edition Number: M-202111-01-1 Date: 2001-12-04 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 46	Neuss, B.	2001	Residues data summary from supervised trials on olives Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015755 Edition Number: M-201124-01-1 Date: 2001-11-19 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 47	Klein, E. H. J.; Martens, R.	2000	Residues at harvest in olives and processed fractions. European Union, Southern zone 1997 Deltamethrin, AE F032640 emulsifiable granule 6.25 % w/W Code: AE F032640 00 EG06 A105 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C010147 Edition Number: M-238971-01-1 Date: 2000-09-21 GLP/GEP: Yes, unpublished ... also filed: KCA 6.5.3 / 03	No	Yes		Bayer
KCA 6.3 / 48	Klein, E. H. J.	2001	Residues at harvest in carrots European Union (Southern zone) 2000 Deltamethrin emulsifiable concentrate (EC), 2.81 % w/w = 25 g/L Code: AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016257 Edition Number: M-202047-01-1 Date: 2001-11-05 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 49	Davies, P.	2001	Decline of residues in carrots European Union (Northern zone) 2000 Deltamethrin emulsifiable concentrate (EC) 2.81 % w/w (25 g/L) Code: AE F032640 00 EC03 B007 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016078 Edition Number: M-201688-01-1 Date: 2001-11-14 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 50	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in bulb vegetables: Onions, Shallots, Garlic. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71606 Edition Number: M-150006-01-1 Date: 1995-03-17 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 51	Holzwarth, U.	2001	Residues data summary from supervised trials Bulb vegetables: Bulb onions - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015720 Edition Number: M-201054-01-1 Date: 2001-11-02 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 52	Klein, E. H. J.; Martens, R.	1999	Decline of residues in onions European Union, northern zone 1998 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C004595 Edition Number: M-188229-01-1 Date: 1999-10-25 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 53	Klein, E. H. J.; Martens, R.	1999	Decline of residues in onions European Union, southern zone 1998 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C004596 Edition Number: M-188231-01-1 Date: 1999-10-26 GLP/GEP: Yes, unpublished	No	Yes		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
KCA 6.3 / 54	Welcker, H.	1999	Residues at harvest in onions; European Union (northern zone) 1997 - Deltamethrin emulsifiable granule (EG) 6.25% w/w (Code: AE F032640 00 EG06 A105). Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74344 Edition Number: M-152577-01-1 Date: 1999-02-18 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 55	Klein, E. H. J.	1999	Residues at harvest in onions European Union (southern zone) 1997 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A105 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C001500 Edition Number: M-182781-01-1 Date: 1999-02-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 56	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in fruiting vegetables: Solanacea (Tomatoes, Peppers, Aubergines). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71610 Edition Number: M-150010-01-1 Date: 1995-03-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 57	Davies, P.	2001	Decline of residues in protected tomatoes European Union (indoor) 2000 Deltamethrin emulsifiable concentrate (EC) 2.81 % w/w (25 g/L) Code: AE F032640 00 EC03 B007 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016111 Edition Number: M-201758-01-1 Date: 2001-11-23 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 58	Klein, E. H. J.; Buerstell, H.	1997	Residue trials in field tomatoes (industrial use) to confirm MRL compliance. Determination of a.i. substance at harvest following 4 applications. EU Southern zone 1996. Deltamethrin EG 62.5 g/kg Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74164 Edition Number: M-152415-01-1 Date: 1997-06-24 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 59	Neuss, B.	2001	Residues data summary from supervised trials - tomatoes Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017003 Edition Number: M-203461-01-1 Date: 2001-11-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 60	Klein, E. H. J.	1998	Residue trials in tomatoes to reconfirm a maximum residue level. Determination of a.s. decline following 4 applications under field conditions. European Union (southern zone) 1997 Deltamethrin emulsifiable granule 6.25% Code: AE F032640 00 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C001247 Edition Number: M-182154-01-1 Date: 1998-11-09 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 61	de Wilde, G.	1995	Deltamethrin: Residues data summary supervised trials in Cucurbits with edible peel (Cucumber and gherkin). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71645 Edition Number: M-150039-01-1 Date: 1995-03-13 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 62	Klein, E.H.-J.	1999	Decline of residues in cucumbers or zucchini European Union (southern zone) 1997 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A105 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C002581 Edition Number: M-184758-01-1 Date: 1999-03-16 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 63	Klein, E. H. J.; Buerstell, H.	1999	Residues at harvest in cucumber/zucchini European Union, Southern zone 1998 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005161 Edition Number: M-191499-01-1 Date: 1999-11-11 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 64	Davies, P.	2001	Decline of residues in protected cucumbers 2000 Deltamethrin emulsifiable concentrate (EC) 2.81 % w/w (25 g/L) Code: AE F032640 00 EC03 B007 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015571 Edition Number: M-200743-01-1 Date: 2001-11-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 65	Neuss, B.	2001	Residue data summary from supervised trials Fruit vegetables: cucurbits with edible peel: cucumber and zucchini Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015759 Edition Number: M-201132-01-1 Date: 2001-11-07 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 66	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in fruiting vegetables with inedible peel: Melon. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71654 Edition Number: M-150048-01-1 Date: 1995-03-13 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 67	Klein, E. H. J.; Martens, R.	1999	Decline of residues in melons European Union, southern zone 1998 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005490 Edition Number: M-192157-01-1 Date: 1999-10-28 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 68	Holzwarth, U.	2001	Residues data summary from supervised trials Fruiting vegetables: Cucurbits with inedible peel melon - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015719 Edition Number: M-201052-01-1 Date: 2001-11-02 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 69	Klein, E. H. J.	1998	Residue trials in melons to reconfirm an maximum residue level. Determination of a.s. decline following 4 applications under field conditions. European union (southern zone) 1997 Deltamethrin emulsifiable granule 62.5 g a.s./kg Code: AE F03 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56781 Edition Number: M-140566-01-1 Date: 1998-09-24 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 70	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in sweet corn. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71661 Edition Number: M-150055-01-1 Date: 1995-03-13 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 71	Klein, E. H. J.	2001	Residues at harvets in sweet corn European Union, Northern zone 2000 Deltamethrin emulsifiable concentrate (EC), 2.81 % w/w (=25 g/L) Code: AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016147 Edition Number: M-201828-01-1 Date: 2001-10-31 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 72	Klein, E. H. J.	2001	Residues at harvest in sweet corn European Union (Southern zone) 2000 Deltamethrin emulsifiable concentrate (EC) 2.81 % w/w (= 25 g/L) Code: AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C014943 Edition Number: M-207608-01-1 Date: 2001-10-25 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 73	Holzwarth, U.	2001	Residues data summary from supervised trials Sweet corn - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015919 Edition Number: M-201410-01-1 Date: 2001-11-02 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 74	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in vegetables - Brassica, Leafy brassica. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71689 Edition Number: M-150083-01-1 Date: 1995-03-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 75	Holzwarth, U.	2001	Residues data summary from supervised trials Leaf brassica: Curly kale - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015756 Edition Number: M-201126-01-1 Date: 2001-11-03 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 76	Klein, E. H. J.; Martens, R.	2000	Residue on harvest in curly kale , European union (northern zone) 1999 Deltamethrin, AE F032640 emulsifiable granule (EG), 6.25 % w/w Code: AE F032640 00 EG06 A107 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C009198 Edition Number: M-198190-01-1 Date: 2000-10-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 77	Klein, E. H. J.; Moede, J.	1996	Deltamethrin; emulsifiable granules 6.25 % w/w; Code: Hoe 032640 00 EG06 A103 - Deltamethrin; emulsifiable concentrate 25 g/l; Code: Hoe 032640 00 EC03 B001 - Residue trials in curly kale to confirm maximum residue level compliance. Determi Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56790 Edition Number: M-140575-01-1 Date: 1996-09-17 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 78	Klein, E. H. J.; Martens, R.	1999	Decline of residues in curly kale European Union, Northern zone 1998 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005491 Edition Number: M-192159-01-1 Date: 1999-12-07 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 79	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in leaf vegetables and herbs: Spinach and similar. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71710 Edition Number: M-150104-01-1 Date: 1995-03-17 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 80	Neuss, B.	2001	Residue data summary from supervised trials Leaf vegetables and fresh herbs: Spinach Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015920 Edition Number: M-201412-01-1 Date: 2001-11-06 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 81	Klein, E. H. J.	2001	Residues at harvest in spinach European Union (Southern zone) 2000 Deltamethrin emulsifiable concentrate (EC) 25 g/L, emulsifiable granule (EG) 6.25 g/L, oil in water formulation (EW) 15 g/L Code: AE F032640 00 EC03 B005, AE F032640 00 EG06 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015002 Edition Number: M-199679-01-1 Date: 2001-10-31 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 82	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in leaf vegetables: Witlof (endives). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71726 Edition Number: M-150119-01-1 Date: 1995-03-17 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 83	Holzwarth, U.	2001	Residues data summary from supervised trials Leaf vegetables and fresh herbs: Witloof (chickory) - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015722 Edition Number: M-201058-01-1 Date: 2001-11-02 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 84	Klein, E. H. J.	1998	Residue trials on chicory to reconfirm an maximum residue level. Determination of a.s. decline following 3 applications. European Union (Northern zone) 1997 Deltamethrin emulsifiable granule 6.25 % Code: AE F032640 00 EG06 A105 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C001246 Edition Number: M-182150-01-1 Date: 1998-11-24 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 85	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in stem vegetables: Artichokes. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71771 Edition Number: M-150159-01-1 Date: 1995-03-17 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 86	Holzwarth, U.	2001	Residues data summary from supervised trials Leaf and stem vegetables: Garden artichoke - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015723 Edition Number: M-201060-01-1 Date: 2001-11-02 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 87	Klein, E. H. J.; Buerstell, H.	1996	Deltamethrin; Emulsifiable granules 6.25 % w/w; Code: AE F032640 00 EG06 A103 - Residue trials in artichokes to confirm maximum residue level compliance Determination of active substance at harvest following four applications European Union Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56780 Edition Number: M-140565-01-1 Date: 1996-10-11 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 88	Klein, E. H. J.; Buerstell, H.	1997	Deltamethrin EG 62.5 g/kg - Residue trials in artichokes to confirm MRL compliance following 4 applications (EU, Southern zone 1996) Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74152 Edition Number: M-152404-01-1 Date: 1997-06-02 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 89	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in Stem vegetables: Leeks. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71781 Edition Number: M-150169-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 90	Holzwarth, U.	2001	Residues data summary from supervised trials Stem vegetables: Leek Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015758 Edition Number: M-201130-01-1 Date: 2001-11-02 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 91	Klein, E. H. J.	1999	Residues at harvest in leeks European Union (southern zone) 1997 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A105 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C001463 Edition Number: M-182694-01-1 Date: 1999-02-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 92	Klein, E. H. J.; Martens, R.	1999	Decline of residues in leek European Union (Northern zone) 1998 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005162 Edition Number: M-191501-01-1 Date: 1999-12-20 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 93	Klein, E. H. J.; Martens, R.	2000	Residues at harvest in leek European Union (northern zone) 1999 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A107 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C009199 Edition Number: M-198191-01-1 Date: 2000-08-28 GLP/GEP: Yes, unpublished	No	Yes		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
KCA 6.3 / 94	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in Fungi vegetables: Cultivated mushroom. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71788 Edition Number: M-150175-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 95	Holzwarth, U.	2001	Residues data summary from supervised trials Fungi: Cultivated mushroom - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015925 Edition Number: M-201419-01-1 Date: 2001-11-03 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 96	Balluff, M.	2000	Determination of residues of deltamethrin in mushrooms following two applications of AE F032640 00 EG06 (common name: Decis EG 06) at 2 locations in Germany and France respectively, 1998 Arbeitsgemeinschaft GAB GmbH & IFU GmbH, Germany Bayer Report No.: C008388 Edition Number: M-197450-01-1 Date: 2000-05-02 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 97	Holzwarth, U.	2001	Residues data summary from supervised trials Rape - Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015921 Edition Number: M-201414-01-1 Date: 2001-11-03 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 98	Klein, E. H. J.; Moede, J.	1996	Deltamethrin; Emulsifiable granules 6.25 % w/w; Code: Hoe 032640 00 EG06 A102 - Residue trials in rape to confirm maximum residue level compliance determination of active substance decline following 4 applications European Union (Northern z Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A55220 Edition Number: M-139190-01-1 Date: 1996-08-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 99	Neuss, B.	2001	Residue data summary from supervised trials - sunflower Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015923 Edition Number: M-201417-01-1 Date: 2001-12-11 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 100	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in oilseeds: Sunflower seed, Rape seed, Soja bean, Cotton seed. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71790 Edition Number: M-150177-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 101	Klein, E. H. J.; Martens, R.	1999	Decline of residues in sunflower European Union, southern zone, 1998 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C004594 Edition Number: M-188226-01-1 Date: 1999-10-27 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 102	Klein, E. H. J.	2001	Residues at harvest sunflowers European Union, Northern zone 2000 Deltamethrin, AE F032640 emulsifiable concentrate (EC 2.81 % w/w (= 25 g/L) Code: AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016321 Edition Number: M-202174-01-1 Date: 2001-11-28 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 103	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in Oilseeds: Sunflower seed, Rape seed, Soja bean, Cotton seed. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71810 Edition Number: M-150194-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 104	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in potatoes. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71877 Edition Number: M-150252-01-1 Date: 1995-04-03 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 105	Neuss, B.	2001	Residue data summary from supervised trials Potatoes Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015924 Edition Number: M-201418-01-1 Date: 2001-11-12 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 106	Kalter, G. J.; Merz, H. D.	1994	Pirimicarb (100 g/l) und Deltamethrin (7.5 g/l) -Emulgierbares Konzentrat- (Code: Hoe 032640 03 EC11 A202) Untersuchung der Rueckstaende in Kartoffeln nach fuefmaliger Anwendung von Hoe 032640 03 EC11 A202 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A52611 Edition Number: M-133421-01-1 Date: 1994-12-16 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 107	Klein, E. H. J.; Moede, J.	1996	Deltamethrin; Emulsifiable granules 6.25 % w/w; Code: Hoe 032640 00 EG06 A103 - Residue trials in potatoes to confirm maximum residue level compliance. Determination of active substance at harvest following four applications European Union Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56789 Edition Number: M-140574-01-1 Date: 1996-08-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 108	Klein, E. H. J.; Martens, R.; Werner, H. J.	1999	Decline of residues in potatoes European Union (southern zone) 1998 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C004453 Edition Number: M-187966-01-1 Date: 1999-08-27 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 109	Davies, P.	2001	Residues at harvest in potatoes European Union (Southern zone) 2000 Deltamethrin emulsifiable concentrate (EC) 25 g/L (2.81 %) Code: AE F032640 00 EC03 B007, AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015284 Edition Number: M-200206-01-1 Date: 2001-11-14 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 110	Mestres, R.	1982	Residues Analysis; Commercial Product, K-Othrine 0.05 dust; Decamethrine 0.05%; Potatoes (stored) University of Montpellier, Faculte de Pharmacie, Montpellier, France Bayer Report No.: A97788 Edition Number: M-175301-01-1 Date: 1982-07-01 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 111	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in tea. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71829 Edition Number: M-150208-01-1 Date: 1995-03-21 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 112	Klein, E. H. J.	2001	Decline of residues in tea and processed fractions South East Asia 2000/2001 Deltamethrin, AE F032640 emulsifiable concentrate (EC) 2.81 % w/w (= 25 g/L) Code: AE F032640 00 EC03 B0007 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016591 Edition Number: M-202700-01-1 Date: 2001-11-30 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 113	Neuss, B.	2001	Residues data summary from supervised trials - tea Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017005 Edition Number: M-203465-01-1 Date: 2001-11-23 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 114	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in Brassica vegetables - Head brassica: Brussels sprout and Head cabbage. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71678 Edition Number: M-150072-01-1 Date: 1995-03-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 115	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in Brassica vegetables: Kohlrabi. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71691 Edition Number: M-150085-01-1 Date: 1995-03-20 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 116	Thier, W.; Gorbach, S.	1978	Pflanzenschutzmittel-Rueckstaende. (Kohlrabi). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A13420 Edition Number: M-065112-01-1 Date: 1978-02-09 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 117	Thier, W.; Gorbach, S.	1978	Pflanzenschutzmittel-Rueckstaende. (Kohlrabi). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A13421 Edition Number: M-065116-01-1 Date: 1978-02-09 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 118	Thier, W.; Gorbach, S.	1978	Pflanzenschutzmittel-Rueckstaende. (Kohlrabi). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A13422 Edition Number: M-065120-01-1 Date: 1978-02-09 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 6.3 / 119	Thier, W.; Gorbach, S.	1978	Pflanzenschutzmittel-Rueckstaende. (Kohlrabi). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A13423 Edition Number: M-065124-01-1 Date: 1978-02-09 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 120	Neuss, B.	2001	Residue data summary from supervised trials Root and tuber vegetables: Carrots Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015917 Edition Number: M-201406-01-1 Date: 2001-11-05 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 121	de Wilde, G.	1995	Delatmethrin: Residues data summary from supervised trials in 4/ Cereals: Rice. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71984 Edition Number: M-150348-01-1 Date: 1995-04-05 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 122	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in: 3/ Cereals: Corn (Maize). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71957 Edition Number: M-150324-01-1 Date: 1995-04-05 GLP/GEP: n.a., unpublished	No	No		Bayer

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KCA 6.3 / 123	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in: 2) Cereals: Sorghum (Millet). Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71951 Edition Number: M-150318-01-1 Date: 1995-04-05 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3 / 124	Block, H.	2010	Determination of residues of deltamethrin in/on barley after spraying of Decis EC 025 in the field in Germany 2009 Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00281 Edition Number: M-398036-01-1 Date: 2010-11-25 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 125	Block, H.	2010	Determination of residues of deltamethrin in/on corn after spraying of Decis EC 025 in the field in Germany 2009 Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00285 Edition Number: M-398043-01-1 Date: 2010-11-25 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 126	Ballesteros, C.; Meilland-Berthier, I.	2011	Determination of the residues of deltamethrin and imidacloprid in/on pea, field after spraying of imidacloprid & deltamethrin in the field in France (South) Bayer Report No.: 10-2056 Report includes Trial Nos.: 10-2056-01 Edition Number: M-405310-01-1 Date: 2011-04-12 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 127	Ballesteros, C.	2011	Determination of the residues of deltamethrin and imidacloprid in/on pea, field after spraying of imidacloprid & deltamethrin in the field in France (South) and Italy Bayer Report No.: 09-2007 Report includes Trial Nos.: 09-2007-01 09-2007-03 09-2007-04 Edition Number: M-409261-01-1 Date: 2011-06-14 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 128	Block, H.	2011	Determination of residues of deltamethrin in/on tomato after spraying of deltamethrin EC 25AK G or deltamethrin EC 25 AF G in the greenhouse in France, Spain, Poland and Germany 2010 Eurofins Agroscience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00016 Edition Number: M-410061-01-1 Date: 2011-06-28 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3 / 129	Meilland- Berthier, I.	2011	Determination of the residues of deltamethrin in/on spinach after spray application of Decis EC 025 in the field in United Kingdom and Belgium Bayer Report No.: 10-2029 Report includes Trial Nos.: 10-2029-01 10-2029-02 Edition Number: M-410009-01-1 Date: 2011-06-30 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 130	Block, H.	2011	Determination of residues of deltamethrin in/on lettuce after spraying of Decis EC 025 in the greenhouse in France 2009 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00290 Report includes Trial Nos.: S09-00290-02 Edition Number: M-411438-01-1 Date: 2011-07-01 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 131	Block, H.	2011	Determination of residues of deltamethrin in/on oilseed rape after spraying of Decis EC 025 in the field in Spain and France 2010 Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00002 Report includes Trial Nos.: S10-00002-01 S10-00002-02 Edition Number: M-410870-01-1 Date: 2011-07-07 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 132	Block, H.	2011	Determination of residues of deltamethrin in/on spinach and the processed fractions (washings, leaf washed, cooking water, leaf cooked) after spraying of Decis EC 025 in the field in Poland and Germany 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00001 Report includes Trial Nos.: S10-00001-01 S10-00001-02 S10-00001-03 Edition Number: M-411380-01-1 Date: 2011-07-19 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer

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KCA 6.3 / 133	Block, H.	2011	Determination of residues of Deltamethrin in/on currant after spraying of Decis EC 025 in the field in France and Italy 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00003 Report includes Trial Nos.: S10-00003-01 S10-00003-02 S10-00003-03 Edition Number: M-413402-01-1 Date: 2011-07-22 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 134	Block, H.	2011	Determination of residues of deltamethrin in/on barley after spraying of Decis EC 025 in the field in UK and Germany 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00007 Report includes Trial Nos.: S10-00007-01 S10-00007-02 S10-00007-03 Edition Number: M-411372-01-1 Date: 2011-07-22 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 135	Block, H.	2011	Determination of residues of deltamethrin in/on lettuce after spraying of Decis EC 025 in the greenhouse in Germany 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00014 Edition Number: M-415853-01-1 Date: 2011-07-22 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 6.3 / 136	Block, H.	2011	Determination of residues of deltamethrin in/on barley after spraying of Decis EC 025 in the field in France and Spain 2010 Bayer Report No.: S10-00008 Report includes Trial Nos.: S10-00008-01 S10-00008-02 S10-00008-03 S10-00008-04 Edition Number: M-411558-01-1 Date: 2011-07-29 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 137	Block, H.	2011	Determination of residues of deltamethrin in/on corn after spraying of Decis EC 025 in the field in Bulgaria and France (south) 2010 Bayer Report No.: S10-00012 Report includes Trial Nos.: S10-00012-01 S10-00012-02 S10-00012-03 S10-00012-04 Edition Number: M-411562-01-1 Date: 2011-07-29 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 138	Block, H.	2011	Determination of residues of deltamethrin in/on raspberries after spraying of Decis EC 025 in the field in France, Spain and Italy 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00013 Report includes Trial Nos.: S10-00013-01 S10-00013-02 S10-00013-03 Edition Number: M-411569-01-1 Date: 2011-07-29 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer

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KCA 6.3 / 139	Block, H.	2011	Determination of residues of deltamethrin in/on sweet cherry after spraying of Decis EC 025 in the field in Spain and Italy 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00004 Report includes Trial Nos.: S10-00004-01 S10-00004-02 Edition Number: M-411417-02-1 Date: 2010-07-07 ... amended: 2011-08-15 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 140	Block, H.	2011	Determination of residues of deltamethrin in/on barley after spraying of Decis EC 025 in the field in France and Spain 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00005 Report includes Trial Nos.: S10-00005-01 S10-00005-02 S10-00005-03 S10-00005-04 Edition Number: M-412389-01-1 Date: 2011-08-17 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer

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KCA 6.3 / 141	Block, H.	2011	Determination of residues of deltamethrin in/on olive and the processed fractions (washings; whole fruit, washed; pomace, wet; vegetation water; oil, crude, oil virgin) after spraying of decis EC 025 in the field in Spain and Italy 2009 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00291 Report includes Trial Nos.: S09-00291-01 S09-00291-02 S09-00291-03 Edition Number: M-412393-01-1 Date: 2011-08-18 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 142	Block, H.	2011	Determination of residues of deltamethrin in/on raspberries after spraying of Decis EC 025 in the field in Germany 2009 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00288 Report includes Trial Nos.: S09-00288-01 Edition Number: M-413294-01-1 Date: 2011-08-25 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 143	Block, H.	2011	Determination of residues of deltamethrin in/on olive after spraying of Decis EC 025 in the field in France and Italy 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00015 Report includes Trial Nos.: S10-00015-03 S10-00015-04 Edition Number: M-413291-01-1 Date: 2011-08-25 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer

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KCA 6.3 / 144	Ballesteros, C.	2011	Determination of the residues of deltamethrin and imidacloprid in/on kale, curly after spraying of imidacloprid & deltamethrin in the field in Italy and Spain Bayer Report No.: 09-2002 Report includes Trial Nos.: 09-2002-01 09-2002-02 Edition Number: M-413003-01-1 Date: 2011-08-26 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 145	Block, H.	2011	Determination of residues of deltamethrin in/on currant after spraying of Decis EC 025 in the field in Germany 2009 Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00277 Report includes Trial Nos.: S09-00277-01 Edition Number: M-414546-01-1 Date: 2011-08-26 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 146	Schulz, H.	2011	Study on the residue behaviour of deltamethrin in oranges after treatment with Decis Fluxx EC 025 under field conditions in Spain, 2010 SGS Institut Fresenius GmbH, Taunusstein, Germany Bayer Report No.: 10-2302 Report includes Trial Nos.: 10-ES-067 10-ES-068 10-ES-069 10-ES-070 Edition Number: M-421031-01-1 Date: 2011-09-22 GLP/GEP: Yes, unpublished	No	Yes		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
KCA 6.3 / 147	Block, H.	2011	Determination of residues of deltamethrin in/on spinach and the processed fractions (washings, leaf washed, cooking water, leaf cooked) after spraying of Decis EC 025 in the field in Germany 2009 Eurofins-GAB GmbH, Stade, Germany Bayer Report No.: S09-00274 Report includes Trial Nos.: S09-00274-02 Edition Number: M-415862-01-1 Date: 2011-10-17 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 148	Block, H.	2011	Determination of residues of deltamethrin in/on green peas after spraying of deltamethrin EW 15A G in the open field in France and Spain 2009 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00293 Report includes Trial Nos.: S09-00293-01 S09-00293-02 S09-00293-03 S09-00293-04 Edition Number: M-415856-01-1 Date: 2011-10-17 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 149	Block, H.	2011	Determination of residues of deltamethrin in/on corn after spraying of Decis EC 025 in the field in Hungary and Germany 2010 Eurofins-GAB GmbH, Stade, Germany Bayer Report No.: S10-00011 Report includes Trial Nos.: S10-00011-1 S10-00011-2 S10-00011-3 Edition Number: M-415871-01-1 Date: 2011-10-17 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 150	Meilland-Berthier, I.	2011	Determination of the residues of deltamethrin in/on maize/corn after spray application of Decis EC 025 in the field in Germany, northern France, United Kingdom, the Netherlands, southern France, Spain and Portugal Bayer Report No.: 10-2042 Report includes Trial Nos.: 10-2042-01 10-2042-02 10-2042-03 10-2042-04 10-2042-05 10-2042-06 10-2042-07 10-2042-08 Edition Number: M-416542-01-1 Date: 2011-10-27 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 151	Noss, G.; Krusell, L.; Ruhl, S.	2011	Determination of residues of deltamethrin in/on barley after spraying of Decis EC 025 in the field in France (South), Spain, Italy and Portugal Bayer Report No.: 10-2032 Report includes Trial Nos.: 10-2032-01 10-2032-02 10-2032-03 10-2032-04 Edition Number: M-418208-01-1 Date: 2011-11-23 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 152	Block, H.	2012	Determination of residues of deltamethrin in/on strawberries and the processed Fractions (whole fruit, washings and preserve) after spraying of Decis EC 025 in the field in France and Spain 2009 Eurofins Agrosience Services GmbH, Stade, Germany Bayer Report No.: S09-00275 Report includes Trial Nos.: S09-00275-01 S09-00275-02 S09-00275-03 S09-00275-04 Edition Number: M-414534-02-1 Date: 2011-09-20 ... amended: 2012-06-08 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer
KCA 6.3 / 153	Meilland-Berthier, I.	2012	Determination of the residues of deltamethrin in/on winter wheat after spray application of Decis EC 025 in the field in Belgium, northern France, United Kingdom, Germany, southern France, Italy, Spain and Portugal Bayer Report No.: 10-2036 Report includes Trial Nos.: 10-2036-01 10-2036-02 10-2036-03 10-2036-04 10-2036-05 10-2036-06 10-2036-07 10-2036-08 Edition Number: M-435250-01-1 Date: 2012-07-18 GLP/GEP: Yes, unpublished ... also filed: KCA 6.3.3 / 07	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 154	Meilland-Berthier, I.	2012	Determination of the residues of deltamethrin in/on winter barley after spray application of Decis EC 025 in the field in Germany, northern France, United Kingdom, southern France, Portugal, Italy and Spain Bayer Report No.: 10-2035 Report includes Trial Nos.: 10-2035-01 10-2035-02 10-2035-03 10-2035-04 10-2035-05 10-2035-07 10-2035-08 Edition Number: M-435247-01-1 Date: 2012-07-19 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 155	Meilland-Berthier, I.	2012	Determination of the residues of deltamethrin in/on tomato after spray application of Decis EC 025 in the field in southern France, Spain, Portugal, Greece and Italy Bayer Report No.: 11-2047 Report includes Trial Nos.: 11-2047-01 11-2047-02 11-2047-03 11-2047-04 11-2047-05 11-2047-06 Edition Number: M-442495-01-1 Date: 2012-11-22 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 156	Meilland- Berthier, I.	2012	Determination of the residues of deltamethrin in/on tomato and cherry tomato after spray of Decis EC 025 in the field in northern France, Germany and Belgium Bayer Report No.: 11-2048 Report includes Trial Nos.: 11-2048-01 11-2048-02 11-2048-03 11-2048-04 Edition Number: M-442496-01-1 Date: 2012-11-26 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 157	Schoening, R.; Diehl, P.	2013	Determination of the residues of deltamethrin and imidacloprid in/on lettuce after spray application of imidacloprid & deltamethrin OD 85 in Spain, Italy, France (south) and Portugal Bayer Report No.: 11-2052 Report includes Trial Nos.: 11-2052-01 11-2052-02 11-2052-03 11-2052-04 Edition Number: M-448490-02-1 Date: 2013-03-04 ... amended: 2013-04-04 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 158	Meilland- Berthier, I.	2013	Determination of the residues of deltamethrin in/on garden pea after spray application of deltamethrin EW 015 in southern France, Spain, Italy and Greece Bayer Report No.: 12-2063 Report includes Trial Nos.: 12-2063-01 12-2063-02 12-2063-03 12-2063-04 Edition Number: M-451494-01-1 Date: 2013-04-16 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3 / 159	Meilland- Berthier, I.	2013	Determination of the residues of deltamethrin in/on winter barley after spray application of Decis EC 025 in the field in the Netherlands and southern France Bayer Report No.: 11-2107 Report includes Trial Nos.: 11-2107-01 11-2107-02 11-2107-03 11-2107-04 Edition Number: M-456339-01-1 Date: 2013-06-06 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3 / 160	Meilland- Berthier, I.	2013	Amendment No. 1 to Final Report No: 12-2064 - Determination of the residues of deltamethrin in/on cauliflower after spray application of deltamethrin EW 015 in southern France, Spain, Italy and Greece Bayer Report No.: 12-2064 Report includes Trial Nos.: 12-2064-01 12-2064-02 12-2064-03 12-2064-04 Edition Number: M-451517-02-1 Date: 2013-04-16 ... amended: 2013-10-17 GLP/GEP: Yes, unpublished ... also filed: KCA 6.3.1 / 16	No	Yes		Bayer
KCA 6.3 / 161	Block, H.	2015	Determination of residues of deltamethrin in/on chinese cabbage and curly kale after spraying of Deltamethrin EW 15A G in the field in France (North and South), Italy, Poland and Germany 2009 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S09-00289 Report includes Trial Nos.: S09-00289-01 S09-00289-02 S09-00289-03 S09-00289-04 S09-00289-05 S09-00289-06 S09-00289-07 S09-00289-08 Edition Number: M-411407-02-1 Date: 2011-06-29 ... amended: 2015-09-25 GLP/GEP: Yes, unpublished	No	Yes	not specified	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.1 / 01	Krebs, B.; Gorbach, S.	1983	Berichtsbogen fuer Rueckstandsuntersuchungen mit Pflanzenbehandlungsmitteln (Blumenkohl). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A25151 Edition Number: M-098086-01-1 Date: 1983-01-18 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3.1 / 02	Krebs, B.; Gorbach, S.	1983	Berichtsbogen fuer Rueckstandsuntersuchungen mit Pflanzenbehandlungsmitteln (Blumenkohl). Handelslabor Dr. Koerl und Dr. Specht, Hamburg, Germany Bayer Report No.: A25152 Edition Number: M-098087-01-1 Date: 1983-01-18 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3.1 / 03	Krebs, B.; Gorbach, S.	1983	Berichtsbogen fuer Rueckstandsuntersuchungen mit Pflanzenbehandlungsmitteln (Blumenkohl). LUFÄ, DEU; Bayer Report No.: A25153 Edition Number: M-098088-01-1 Date: 1983-01-18 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3.1 / 04	Krebs, W.; Gorbach, S.	1983	Berichtsbogen fuer Rueckstandsuntersuchungen mit Pflanzenbehandlungsmitteln (Blumenkohl). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A25154 Edition Number: M-098089-01-1 Date: 1983-01-18 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.1 / 05	Davies, P.	2001	Decline of residues in cauliflower European Union (Northern zone) 2000 Deltamethrin emulsifiable concentrate (EC) 2.81 % w/w (25 g/L) Code: AE F032640 00 EC03 B007 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015567 Edition Number: M-200735-01-1 Date: 2001-11-14 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3.1 / 06	Klein, E. H. J.	1999	Residues at harvest in cauliflowers / broccoli European Union (southern zone) 1997 Deltamethrin emulsifiable granule (EG) 6.25% w/w Code: AE F032640 00 EG06 A105 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C001462 Edition Number: M-182691-01-1 Date: 1999-02-15 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3.1 / 07	Klein, E. H. J.; Buerstell, H.	2006	Residues at harvest in cauliflower and broccoli European Union, Southern zone 1998 Deltamethrin emulsifiable granule (EG) 6.25 % w/w Code: AE F032640 00 EG06 A106 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005163 Edition Number: M-191503-02-1 Date: 1999-11-15 ... amended: 2006-08-07 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3.1 / 08	de Wilde, G.	1995	Deltamethrine: Residues data summary from supervised trials in vegetables - Brassica: Broccoli and Cauliflower. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71668 Edition Number: M-150062-01-1 Date: 1995-03-20 GLP/GEP: n.a., unpublished	No	No		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
KCA 6.3.1 / 09	Neuss, B.	2001	Residue data summary from supervised trials Flowering brassicas: cauliflower and broccoli Additional data Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015757 Edition Number: M-201128-01-1 Date: 2001-11-14 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3.1 / 10	Idstein, H.; Bock, K. D.	1989	Berichtsbogen fuer Rueckstandsuntersuchungen (Hoe 032640, Brassica oleracea var sabellica) Universitaet Muenchen, Muenchen, Germany Bayer Report No.: A41457 Edition Number: M-124552-01-1 Date: 1989-06-01 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3.1 / 11	Idstein, H.; Bock, K. D.	1989	Berichtsbogen fuer Rueckstandsuntersuchungen (Hoe 032640, Brassica oleracea var sabellica) Universitaet Muenchen, Muenchen, Germany Bayer Report No.: A41456 Edition Number: M-124551-01-1 Date: 1989-06-01 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.3.1 / 12	Idstein, H.; Bock, K. D.	1989	Berichtsbogen fuer Rueckstandsuntersuchungen (Hoe 032640, Brassica oleracea var sabellica) Universitaet Muenchen, Muenchen, Germany Bayer Report No.: A41458 Edition Number: M-124553-01-1 Date: 1989-06-01 GLP/GEP: No, unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.1 / 13	Sole, C.	2002	Residue study with deltamethrin in cauliflower European Union (Northern Zone) 2001 Deltamethrin emulsifiable concentrate (EC) 24.8 g/L (25 g/L nominal) Code: AE F032640 00 EC03 B018 (= EXP05610A) ADME Bioanalyses S.A., Vergeze, France Bayer Report No.: C023140 Report includes Trial Nos.: 01R054 Edition Number: M-214429-01-1 Date: 2002-05-17 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in cauliflower	Bayer
KCA 6.3.1 / 14	Noss, G.; Schneeberg- Seeba, C.	2008	Determination of the residues of deltamethrin in/on cauliflower after spraying of deltamethrin EW 15 (015 EW) in the field in Spain and Italy Bayer Report No.: RA-2555/06 Report includes Trial Nos.: R 2006 0305/3 = 0305 - 06 R 2006 0306/1 = 0306 - 06 Edition Number: M-303449-01-1 Date: 2008-06-24 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in cauliflower	Bayer
KCA 6.3.1 / 15	Noss, G.; Wolters, A.	2008	Determination of the residues of deltamethrin in/on cauliflower after spraying of deltamethrin EW 15 (015 EW) in the field in Spain and Italy Bayer Report No.: RA-2547/07 Report includes Trial Nos.: R 2007 0048/2 = 0048 - 07 R 2007 0049/0 = 0049 - 07 Edition Number: M-308923-01-1 Date: 2008-09-30 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in cauliflower	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.1 / 16	Meilland-Berthier, I.	2013	Amendment No. 1 to Final Report No: 12-2064 - Determination of the residues of deltamethrin in/on cauliflower after spray application of deltamethrin EW 015 in southern France, Spain, Italy and Greece Bayer Report No.: 12-2064 Report includes Trial Nos.: 12-2064-01 12-2064-02 12-2064-03 12-2064-04 Edition Number: M-451517-02-1 Date: 2013-04-16 ... amended: 2013-10-17 GLP/GEP: Yes, unpublished ... also filed: KCA 6.3 / 160	No	Yes		Bayer
KCA 6.3.2 / 01	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in root and tuber vegetables. Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71585 Edition Number: M-149986-01-1 Date: 1995-03-16 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3.2 / 02	Klein, E. H. J.	2001	Residues at harvest in sugar beets European Union, Northern zone 2000 Deltamethrin, AE F032640 emulsifiable concentrate (EC) 2.81 % w/w (= 25 g/L) Code: AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017186 Edition Number: M-203812-01-1 Date: 2001-12-12 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in sugar beet	Bayer


Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.2 / 03	Sole, C.	2002	Residue study with deltamethrin in sugar beets European Union (Northern zone) 2001 Deltamethrin emulsifiable concentrate (EC) 24.8 g/L (25 g/L nominal) Code: AE F032640 00 EC03 B018 (=EXP05610A) ADME Bioanalyses S.A., Mougins, France Bayer Report No.: C023401 Edition Number: M-214930-01-1 Date: 2002-05-24 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in sugar beet	Bayer
KCA 6.3.2 / 04	Klein, E. H. J.	2001	Residues at harvest in sugar beets European Union, Southern szone 2000 Deltamethrin, AE F032640 emulsifiable concentrate (EC) 2.81 % w/w (= 25 g/L) Code: AE F032640 00 EC03 B005 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017408 Edition Number: M-204224-01-1 Date: 2001-12-06 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in sugar beet	Bayer
KCA 6.3.2 / 05	Sole, C.	2002	Residue study with deltamethrin in sugar beets European Union (Southern zone) 2001 Deltamethrin emulsifiable concentrate (EC) 24.8 g/L (25 g/L nominal) Code: AE F032640 00 EC03 B018 (EXP05610A) ADME Bioanalyses S.A., Mougins, France Bayer Report No.: C024054 Report includes Trial Nos.: 01R052 Edition Number: M-216175-01-1 Date: 2002-06-13 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in sugar beet	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.3 / 01	McKinney, F. R.	1993	Determination of cis-deltamethrin, trans-deltamethrin and alpha-R-deltamethrin in various grains, grain fractions and grain dusts under 20.C, 30.C and froozen storage conditions. EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A71102 Edition Number: M-149575-01-1 Date: 1993-08-10 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.3.3 / 02	de Wilde, G.	1995	Deltamethrin: Residues data summary from supervised trials in 1/ Cereals: Wheat, Barley, Oats... Hoechst Schering AgrEvo S.A., France Bayer Report No.: A71908 Edition Number: M-150279-01-1 Date: 1995-04-06 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.3.3 / 03	Wiesener, G.	1998	Residues data summary from supervised trials in cereals (wheat, winter variety). Additional data Deltamethrin Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005447 Edition Number: M-192094-01-1 Date: 1998-02-06 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.3 / 05	Billian, P.; Krusell, L.	2009	Determination of the residues of deltamethrin in/on winter wheat after mixing of Deltamethrin & Piperonylbutoxide EC 275 in the Room, hall, store, ... in Germany, Greece, Portugal and the United Kingdom Bayer Report No.: 08-2214 Report includes Trial Nos.: 08-2214-01 08-2214-02 08-2214-03 08-2214-04 Edition Number: M-360719-01-1 Date: 2009-12-15 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	Bayer
KCA 6.3.3 / 06	Block, H.	2011	Determination of residues of deltamethrin in/on wheat after spraying of Decis EC 025 in the field in UK and Poland 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00009 Edition Number: M-411373-01-1 Date: 2011-07-22 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	Bayer




Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.3.3 / 07	Meilland-Berthier, I.	2012	Determination of the residues of deltamethrin in/on winter wheat after spray application of Decis EC 025 in the field in Belgium, northern France, United Kingdom, Germany, southern France, Italy, Spain and Portugal Bayer Report No.: 10-2036 Report includes Trial Nos.: 10-2036-01 10-2036-02 10-2036-03 10-2036-04 10-2036-05 10-2036-06 10-2036-07 10-2036-08 Edition Number: M-435250-01-1 Date: 2012-07-18 GLP/GEP: Yes, unpublished ... also filed: KCA 6.3 / 153	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	Bayer
KCA 6.3.3 / 08	Meilland-Berthier, I.	2011	Determination of the residues of deltamethrin in/on wheat after spray application of Decis EC 025 in the field in Southern France, Italy, Spain and Greece Bayer Report No.: 10-2233 Report includes Trial Nos.: 10-2233-01 10-2233-02 10-2233-03 10-2233-04 Edition Number: M-413097-01-1 Date: 2011-08-30 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	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
KCA 6.3.3 / 09	Block, H.	2011	Determination of residues of deltamethrin in/on wheat after spraying of Decis EC 025 in the field in France and Italy 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00006 Edition Number: M-411367-01-1 Date: 2011-07-22 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	Bayer
KCA 6.3.3 / 10	Block, H.	2011	Determination of residues of deltamethrin in/on wheat after spraying of Decis EC 025 in the field in France and Spain 2010 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-00010 Report includes Trial Nos.: S10-00010-01 S10-00010-04 S10-00010-05 Edition Number: M-433851-01-1 Date: 2011-09-20 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	Bayer
KCA 6.3.3 / 04	Klein, E. H. J.; Buerstell, H.	1997	Deltamethrin; emulsifiable granules 6.25 % w/w; Code: AE F032640 00 EG06 A103 - Residue trials in winter-wheat to confirm maximum residue level compliance. Determination of active substance at harvest following two applications. European un Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56788 Edition Number: M-140573-01-1 Date: 1997-01-13 GLP/GEP: Yes, unpublished ... also filed: Document MCA / 01 KCA 6.4.2 / 06	No	Yes	Not available for last Annex I inclusion	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
KCA 6.4 / 01	Anon.	2015	Deltamethrin - AIR 3 renewal Bayer - 2014/01279: UK CRD request (dated 13-10-2015): Residues - Livestock metabolism Bayer Report No.: M-536726-01-1 Date: 2015-10-23 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.4 / 02	Mousques, A.	2016	Compilation of dRR tables for deltamethrin residue studies from 2009 onwards - Results displayed for cis-deltamethrin, trans isomer and alpha-R isomer Bayer Report No.: M-559648-01-1 Date: 2016-07-13 GLP/GEP: n.a., unpublished ... also filed: KCA 5.8.1 / 09	No	No		Bayer
KCA 6.4 / 03	Christian, I.; Mousquès, A.	2018	Deltamethrin - Information on the behaviour of the alpha-R isomer and the trans-isomer of cis-deltamethrin in livestock matrices Bayer Report No.: M-628340-01-1 Date: 2018-06-29 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.4.1 / 01		1995	Effects of a supplemented deltamethrin and piperonyl butoxide diet on levels of residues in products of animal origin.~a2. Feeding studies in poultry. Journal: Journal of Agricultural and Food Chemistry Volume: 43 Pages: 1039-1043 Year: 1995 Report No.: A70891 Edition Number: M-149375-01-1 GLP/GEP: n.a., published	Yes	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.4.1 / 02	McKinney, F. R.	1994	Determination of freezer residue stability for deltamethrin (alpha-R, cis, and trans) and tralomethrin in poultry tissues. EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A54085 Edition Number: M-134680-01-1 Date: 1994-08-12 GLP/GEP: Yes, unpublished ... also filed: KCA 6.3 / 22	No	Yes		Bayer
KCA 6.4.1 / 03	[REDACTED]	1994	Magnitude of the residues in meat and eggs for tralomethrin (RU 25474) and its major metabolite deltamethrin (RU 22974) in white Leghorn chickens. [REDACTED] Bayer Report No.: A71106 Edition Number: M-149579-01-1 Date: 1994-08-24 GLP/GEP: Yes, unpublished ... also filed: KCA 6.5.1 / 01	Yes	Yes		Bayer
KCA 6.4.2 / 01	[REDACTED]	2000	Feeding study of a mixture of tralomethrin and deltamethrin in dairy cows and magnitude of the combined residues of tralomethrin, deltamethrin and trans-deltamethrin in milk and tissues of dairy cattle. (2 volumes). [REDACTED] Bayer Report No.: A70946 Report includes Trial Nos.: HRAV Proj. #87-0123 HRAV Project No. 87-0123 Edition Number: M-149428-03-1 Date: 1988-11-04 ... amended: 2000-05-23 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.4.2 / 02	Akhtar, M. H.; Danis, C.; Trenholm, H. L.; Hartin, K. E.	1992	Deltamethrin residues in milk and tissues of lactating dairy cows. Journal: Journal of Environmental Science and Health : Part B Volume: B27 Issue: 3 Pages: 235-253 Year: 1992 Report No.: A70892 Edition Number: M-149376-01-1 GLP/GEP: n.a., published	No	No		published
KCA 6.4.2 / 03	Martens, R.	2000	Calculation of the 1x dosage rate for deltamethrin in a ruminant livestock feeding study (according to EU-document 7031/VI/95 rev.4, 22.07.1996 (draft)) Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C009557 Edition Number: M-198796-01-1 Date: 2000-09-06 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.4.2 / 04	Singer, S. S.; Hurst, K.	2001	Survey of Reports on Analysis for Deltamethrin in Milk from Cows and Humans Bayer Report No.: B003480 Edition Number: M-240501-01-1 Date: 2001-09-24 GLP/GEP: n.a., unpublished ... also filed: KCA 5.6 / 04 KCA 6.9 / 01	No	No		Bayer

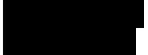
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.4.2 / 05		1995	Metabolism of 14C-benzyl-tralomethrin and 14C-gem-dimethyl-tralomethrin in lactating dairy cattle and storage stability of tralomethrin and deltamethrin in cow milk and tissues.  Bayer Report No.: A70045 Report includes Trial Nos.: HR-01-88 Edition Number: M-148609-02-1 Date: 1991-09-27 ... amended: 1995-11-07 GLP/GEP: Yes, unpublished ... also filed: KCA 6.2.3 / 02	Yes	Yes		Bayer
KCA 6.4.2 / 06	Klein, E. H. J.; Buerstell, H.	1997	Deltamethrin; emulsifiable granules 6.25 % w/w; Code: AE F032640 00 EG06 A103 - Residue trials in winter-wheat to confirm maximum residue level compliance. Determination of active substance at harvest following two applications. European un Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56788 Edition Number: M-140573-01-1 Date: 1997-01-13 GLP/GEP: Yes, unpublished ... also filed: Document MCA / 01 KCA 6.3.3 / 04	No	Yes	Not available for last Annex I inclusion	Bayer
KCA 6.4.3 / 01		1993	Effects of a supplemented deltamethrin and piperonyl butoxide diet on residues in products of animal origin. I. Feeding study in pigs. Journal: Journal of Agricultural and Food Chemistry Volume: 41 Pages: 2416-2420 Year: 1993 Report No.: A70890 Edition Number: M-149374-01-1 GLP/GEP: n.a., published	Yes	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.5 / 01	Mestres, G.; Espinoza, C.; Chevallier, C.	1986	Effets sur les residus de Deltamethrine de la transformation des produits agricoles en vue de leur consommation Journal: Med.et Nutr. Volume: 22 Issue: 3 Pages: 181-184 Year: 1986 Report No.: A41874 Edition Number: M-124937-01-1 GLP/GEP: n.a., published	No	No		published
KCA 6.5 / 02	Mestres, G.; Espinoza, C.; Chevallier, C.	1986	Effects of edible crop processing on deltamethrin residues Journal: Unknown Pages: 1;14 Year: 1986 Report No.: A72063 Edition Number: M-150406-01-1 GLP/GEP: n.a., published	No	No		published
KCA 6.5 / 03	Thier, W.; Gorbach, S.	1980	Berichtsbogen fuer Rueckstandsuntersuchungen mit Pflanzenbehandlungsmitteln (Spinat). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A20420 Edition Number: M-093631-01-1 Date: 1980-11-17 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.5 / 04	Thier, W.; Krebs, B.	1983	Berichtsbogen fuer Rueckstandsuntersuchungen mit Pflanzenbehandlungsmitteln (Spinat). Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A25427 Edition Number: M-098339-01-1 Date: 1983-02-15 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 6.5 / 05	Maurer, T.	2001	Investigation of the nature of the potential residue in the products of industrial processing or household preparation Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017397 Edition Number: M-204204-01-1 Date: 2001-11-27 GLP/GEP: Yes, unpublished ... also filed: KCA 6.5.3 / 04	No	Yes		Bayer
KCA 6.5 / 06	Martens, R.	1999	Statement on the acute dietary risk assessment for deltamethrin Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C006040 Edition Number: M-193192-01-1 Date: 1999-11-18 GLP/GEP: n.a., unpublished ... also filed: KCA 6.9 / 07	No	No		Bayer
KCA 6.5.1 / 01		1994	Magnitude of the residues in meat and eggs for tralomethrin (RU 25474) and its major metabolite deltamethrin (RU 22974) in white Leghorn chickens. Bayer Report No.: A71106 Edition Number: M-149579-01-1 Date: 1994-08-24 GLP/GEP: Yes, unpublished ... also filed: KCA 6.4.1 / 03	Yes	Yes		Bayer
KCA 6.5.1 / 02	Christian, I.	2013	Deltamethrin: Metabolic behaviour of 3-phenoxybenzaldehyde Bayer Report No.: M-466413-01-1 Date: 2013-10-03 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.5.3 / 01	Brady, S. S.	1999	Magnitude of deltamethrin residues in or on apples and processed apple commodities resulting from three applications of Decis (R) insecticide USA, 1998 AgrEvo USA Company, Pikeville, NC, USA Bayer Report No.: C002139 Edition Number: M-183978-01-1 Date: 1999-03-30 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.5.3 / 02	Brady, S. S.	1999	Magnitude of deltamethrin residues in or on tomatoes and processed tomato commodities resulting from six applications of Decis (R) insecticide, USA, 1998 AgrEvo USA Company, Pikeville, NC, USA Bayer Report No.: C002859 Edition Number: M-185190-01-1 Date: 1999-04-20 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.5.3 / 03	Klein, E. H. J.; Martens, R.	2000	Residues at harvest in olives and processed fractions. European Union, Southern zone 1997 Deltamthrin, AE F032640 emulsifiable granule 6.25 % w/W Code: AE F032640 00 EG06 A105 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C010147 Edition Number: M-238971-01-1 Date: 2000-09-21 GLP/GEP: Yes, unpublished ... also filed: KCA 6.3 / 47	No	Yes		Bayer
KCA 6.5.3 / 04	Maurer, T.	2001	Investigation of the nature of the potential residue in the products of industrial processing or household preparation Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C017397 Edition Number: M-204204-01-1 Date: 2001-11-27 GLP/GEP: Yes, unpublished ... also filed: KCA 6.5 / 05	No	Yes		Bayer

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KCA 6.5.3 / 05	Billian, P.; Reineke, A.	2010	Determination of the residues of deltamethrin in/on winter wheat and processed fractions after mixing of Deltamethrin & Piperonylbutoxide EC 275 in the room, hall store ... in Germany, Greece, Portugal and the United Kingdom Bayer Report No.: 08-3214 Report includes Trial Nos.: 08-3214-01 08-3214-02 08-3214-03 08-3214-04 Edition Number: M-363957-01-1 Date: 2010-02-17 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I inclusion, necessary to support the representative use in wheat	Bayer
KCA 6.5.3 / 06	Schulte, G.	2016	Additional chromatograms of study report 08-3214: Determination of the residues of deltamethrin in/on winter wheat and processed fractions after mixing of deltamethrin & piperonylbutoxide EC 275 in the room, hall store ... in Germany, Greece, Portugal and the United Kingdom Bayer Report No.: M-559765-01-1 Date: 2016-07-19 GLP/GEP: No, unpublished	No	No		Bayer
KCA 6.6.1 / 01	Schmeling, S.; Breuer-Rehm, M.	2012	Metabolism of [gemdimethyl-14C] deltamethrin in confined rotational crops Bayer Report No.: MEF-11/669 Edition Number: M-431769-01-1 Date: 2012-05-14 GLP/GEP: Yes, unpublished	No	Yes	Not available for last Annex I inclusion; data gap from last Annex I listing	Bayer

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KCA 6.6.1 / 02	Erstfeld, K. M.; Larson, J. D.; Lange, B. D.	1994	C-14 Deltamethrin - Confined accumulation in rotational crops 30 and 120 Day Experiment - including - Supplement to the report (amendment) Pan-Agricultural Laboratories, Inc., Madera, CA, USA Bayer Report No.: A73873 Report includes Trial Nos.: 89-0101 Edition Number: M-136651-02-2 Date: 1991-08-26 ... amended: 1994-05-06 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 6.9 / 01	Singer, S. S.; Hurst, K.	2001	Survey of Reports on Analysis for Deltamethrin in Milk from Cows and Humans Bayer Report No.: B003480 Edition Number: M-240501-01-1 Date: 2001-09-24 GLP/GEP: n.a., unpublished ... also filed: KCA 5.6 / 04 KCA 6.4.2 / 04	No	No		Bayer
KCA 6.9 / 02	CRD	2012	Data requirements handbook (version 2.2, June 2012) Chemicals Regulation Directorate, CRD, York, United Kingdom Bayer Report No.: M-449685-01-1 Date: 2012-06-30 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 6.9 / 03		1999	Analysis of polychlorinated biphenyls, pyrethroid insecticides and fragrances in human milk using a laminar cup liner in the GC injector Publisher: Springer-Verlag Journal: European Food Research Technology Volume: 212 Pages: 247-251 Year: 2001 Report No.: M-449790-01-1 GLP/GEP: n.a., published	Yes	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 6.9 / 04	[REDACTED]	1996	The environmental fate of xenobiotics - Pesticides contamination in animal tissues and foods, monitoring results 1993-1994-1995 Publisher: Anon. Journal: Proceedings of the X Symposium Pesticide Chemistry Pages: 473-481 Year: 1996 Report No.: M-449809-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 6.9 / 05	Anon.	1997	Guidelines for predicting dietary intake of pesticide residues (revised) Publisher: WHO - World Health Organization Year: 1997 Report No.: M-449680-01-1 GLP/GEP: n.a., published	No	No		published
KCA 6.9 / 06	[REDACTED]	2001	Addendum to monograph Annex B, presented by RMS Sweden, draft dated November 26, 2001 Aventis comments on dietary intake calculations (sections B.6.15.3, page 28) Deltamethrin [REDACTED] Bayer Report No.: C017841 Edition Number: M-205036-01-1 Date: 2001-12-06 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 6.9 / 07	Martens, R.	1999	Statement on the acute dietary risk assessment for deltamethrin Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C006040 Edition Number: M-193192-01-1 Date: 1999-11-18 GLP/GEP: n.a., unpublished ... also filed: KCA 6.5 / 06	No	No		Bayer

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KCA 6.9 / 08	Shipp, E.	2019	Deltamethrin - In silico assessment of the plant metabolite 3-phenoxybenzaldehyde Bayer Report No.: M-646818-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished ... also filed: KCA 5.8.1 / 12	No	No		Bayer
KCA 6.10.1 / 01	Miles, M.; Radix, P.; Brink, H.	2017	Statement: Label extension Decis forte (EC100): Additional information concerning the presence of residues in nectar and honey following applications in flowering oilseed rape Bayer Report No.: M-598954-01-2 Date: 2017-08-29 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 7.1.1 / 01	Baedelt, H.; Idstein, H.; Krebs, B.	1990	Deltamethrin emulsifiable concentrate 25 g/l: Investigation of degradation in the soil under outdoor conditions. Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A71035 Edition Number: M-127756-01-2 Date: 1990-09-20 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2.2.1 / 02	No	No		Bayer
KCA 7.1.1 / 02	Schäfer, D.; Mikolasch, B.	2019	Deltamethrin (DLT) - Kinetic evaluation of the dissipation in soil under field conditions for trigger purposes Bayer Report No.: EnSa-19-0022 Edition Number: M-646884-01-1 Date: 2019-01-15 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 7.1.1.1 / 01	Wang, W. W.	1991	Aerobic soil metabolism of 14C-deltamethrin XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A47917 Edition Number: M-136659-01-1 Date: 1991-06-21 GLP/GEP: Yes, unpublished ... also filed: KCA 7.1.2.1.1 / 01	No	Yes		Bayer
KCA 7.1.1.1 / 02	Hascoet, M.	1978	Degradation study of decamethrin (Decis) in the soil. Institut National de la Recherche Agronomique, France Bayer Report No.: A71057 Edition Number: M-149536-01-2 Date: 1978-09-04 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2.1.1 / 02	No	No		Bayer
KCA 7.1.1.1 / 03	Chapman, R. A.; Tu, C. M.; Harris, C. R.; Cole, C.	1981	Persistence of five pyrethroid insecticides in sterile and natural, mineral and organic soil. Journal: Bulletin of Environmental Contamination and Toxicology Volume: 26 Pages: 513-519 Year: 1981 Report No.: A22300 Edition Number: M-095422-01-1 GLP/GEP: n.a., published ... also filed: KCA 7.1.2.1.1 / 03	No	No		published

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KCA 7.1.1.1 / 04	Kaufman, D. D.; Kayser, A. J.; Russell, B.; Barnett, E. A.	1979	The effect of soil temperature on the degradation of 14C-cyano-decamethrin in soil. USDA, United States Department of Agriculture, USA Bayer Report No.: A71051 Edition Number: M-149530-01-1 Date: 1979-01-01 GLP/GEP: Yes, unpublished ... also filed: KCA 7.1.2.1.1 / 04	No	Yes		Bayer
KCA 7.1.1.1 / 05	Kaufman, D. D.; Kayser, A. J.; Barnett, E. A.; Russell, B.	1979	Degradation of 14C-phenoxy- and 14C-cyano-decamethrin in soil. USDA, United States Department of Agriculture, USA Bayer Report No.: A71064 Edition Number: M-149541-01-1 Date: 1979-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2.1.1 / 05	No	No		Bayer
KCA 7.1.1.1 / 06	Kaufman, D. D.; Kayser, A. J.; Russell, B.; Barnett, E. A.	1980	Degradation of 14C-cyano-, 14C-phenoxy- and 14C-vinyl-decamethrin in flooded soils. USDA, United States Department of Agriculture, USA Bayer Report No.: A71061 Edition Number: M-149538-01-1 Date: 1980-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.3 / 03 KCA 7.1.2.1.1 / 06	No	No		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
KCA 7.1.1.1 / 07	Kaufman, D. D.; Kayser, A. J.; Barnett, E. A.; Daniels, P. W.; Russell, B. A.	1978	Preliminary soil metabolism investigations with decamethrin. USDA, United States Department of Agriculture, USA Bayer Report No.: A12524 Edition Number: M-063775-01-1 Date: 1978-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2 / 01 KCA 7.1.2.1.1 / 08 KCA 7.1.3.2 / 02	No	No		Bayer
KCA 7.1.1.2 / 01	Wang, W. W.	1991	Anaerobic soil metabolism of 14C-deltamethrin XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A47918 Report includes Trial Nos.: XBL89098 Edition Number: M-136665-01-1 Date: 1991-07-30 GLP/GEP: Yes, unpublished ... also filed: KCA 7.1.2.1.3 / 01	No	Yes		Bayer
KCA 7.1.1.3 / 01	Wang, W. W.; Reynolds, J. L.	1991	Soil photolysis of (14)C-deltamethrin XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A97641 Edition Number: M-175053-01-1 Date: 1991-07-29 GLP/GEP: No, unpublished	No	No		Bayer
KCA 7.1.1.3 / 02	Wang, W. W.; Reynolds, J. L.	1991	Soil photolysis of 14C-deltamethrin. XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A47919 Edition Number: M-136671-01-1 Date: 1991-07-29 GLP/GEP: Yes, unpublished	No	Yes		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
KCA 7.1.1.3 / 03	Kaufman, D. D.; Kayser, A. J.; Russell, B.; Barnett, E. A.	1980	Degradation of 14C-cyano-, 14C-phenoxy- and 14C-vinyl-decamethrin in flooded soils. USDA, United States Department of Agriculture, USA Bayer Report No.: A71061 Edition Number: M-149538-01-1 Date: 1980-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.1 / 06 KCA 7.1.2.1.1 / 06	No	No		Bayer
KCA 7.1.1.3 / 04	Kerhoas, L.; Dubroca, J.	1980	Degradation study of decamethrin in the soil. Institut National de la Recherche Agronomique, France Bayer Report No.: A71059 Edition Number: M-149537-01-2 Date: 1980-12-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2.1.1 / 07	No	No		Bayer
KCA 7.1.2 / 01	Kaufman, D. D.; Kayser, A. J.; Barnett, E. A.; Daniels, P. W.; Russell, B. A.	1978	Preliminary soil metabolism investigations with decamethrin. USDA, United States Department of Agriculture, USA Bayer Report No.: A12524 Edition Number: M-063775-01-1 Date: 1978-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.1 / 07 KCA 7.1.2.1.1 / 08 KCA 7.1.3.2 / 02	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.1.2 / 02	John, B. M.; Feyerabend, M.	1997	Calculation of the half-life times of deltamethrin and becisthemic acid in soil using TOPFIT 2.0 Deltamethrin - 14C-labelled Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74227 Edition Number: M-152477-01-1 Date: 1997-10-21 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2.1.1 / 09	No	No		Bayer
KCA 7.1.2 / 03	Buerstell, H.; Ulrich, C.; Werner, H. J.	1993	Deltamethrin - emulsifiable concentrate (25 g deltamethrin / l product) (Code Hoe 032640 00 EC03 A122) Investigation of the volatility of Deltamethrin in the field following a single application of the above formulation on soil (Guideline: Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A54564 Edition Number: M-132706-01-2 Date: 1993-12-13 GLP/GEP: Yes, unpublished ... also filed: KCA 7.2.1 / 04	No	Yes		Bayer
KCA 7.1.2.1.1 / 01	Wang, W. W.	1991	Aerobic soil metabolism of 14C-deltamethrin XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A47917 Edition Number: M-136659-01-1 Date: 1991-06-21 GLP/GEP: Yes, unpublished ... also filed: KCA 7.1.1.1 / 01	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.1.2.1.1 / 02	Hascoet, M.	1978	Degradation study of decamethrin (Decis) in the soil. Institut National de la Recherche Agronomique, France Bayer Report No.: A71057 Edition Number: M-149536-01-2 Date: 1978-09-04 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.1 / 02	No	No		Bayer
KCA 7.1.2.1.1 / 03	Chapman, R. A.; Tu, C. M.; Harris, C. R.; Cole, C.	1981	Persistence of five pyrethroid insecticides in sterile and natural, mineral and organic soil. Journal: Bulletin of Environmental Contamination and Toxicology Volume: 26 Pages: 513-519 Year: 1981 Report No.: A22300 Edition Number: M-095422-01-1 GLP/GEP: n.a., published ... also filed: KCA 7.1.1.1 / 03	No	No		published
KCA 7.1.2.1.1 / 04	Kaufman, D. D.; Kayser, A. J.; Russell, B.; Barnett, E. A.	1979	The effect of soil temperature on the degradation of 14C-cyano-decamethrin in soil. USDA, United States Department of Agriculture, USA Bayer Report No.: A71051 Edition Number: M-149530-01-1 Date: 1979-01-01 GLP/GEP: Yes, unpublished ... also filed: KCA 7.1.1.1 / 04	No	Yes		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
KCA 7.1.2.1.1 / 05	Kaufman, D. D.; Kayser, A. J.; Barnett, E. A.; Russell, B.	1979	Degradation of 14C-phenoxy- and 14C-cyano-decamethrin in soil. USDA, United States Department of Agriculture, USA Bayer Report No.: A71064 Edition Number: M-149541-01-1 Date: 1979-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.1 / 05	No	No		Bayer
KCA 7.1.2.1.1 / 06	Kaufman, D. D.; Kayser, A. J.; Russell, B.; Barnett, E. A.	1980	Degradation of 14C-cyano-, 14C-phenoxy- and 14C-vinyl-decamethrin in flooded soils. USDA, United States Department of Agriculture, USA Bayer Report No.: A71061 Edition Number: M-149538-01-1 Date: 1980-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.1 / 06 KCA 7.1.1.3 / 03	No	No		Bayer
KCA 7.1.2.1.1 / 07	Kerhoas, L.; Dubroca, J.	1980	Degradation study of decamethrin in the soil. Institut National de la Recherche Agronomique, France Bayer Report No.: A71059 Edition Number: M-149537-01-2 Date: 1980-12-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.3 / 04	No	No		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
KCA 7.1.2.1.1 / 08	Kaufman, D. D.; Kayser, A. J.; Barnett, E. A.; Daniels, P. W.; Russell, B. A.	1978	Preliminary soil metabolism investigations with decamethrin. USDA, United States Department of Agriculture, USA Bayer Report No.: A12524 Edition Number: M-063775-01-1 Date: 1978-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.1 / 07 KCA 7.1.2 / 01 KCA 7.1.3.2 / 02	No	No		Bayer
KCA 7.1.2.1.1 / 09	John, B. M.; Feyerabend, M.	1997	Calculation of the half-life times of deltamethrin and becisthemic acid in soil using TOPFIT 2.0 Deltamethrin - 14C-labelled Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74227 Edition Number: M-152477-01-1 Date: 1997-10-21 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2 / 02	No	No		Bayer
KCA 7.1.2.1.1 / 10	Hardy, I. A. J.	2013	Deltamethrin: Kinetic modelling evaluation of data from aerobic soil degradation studies to derive trigger and modelling endpoints Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer Report No.: VC/11/026A Edition Number: M-462053-01-1 Date: 2013-07-10 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2.1.2 / 03	No	No		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
KCA 7.1.2.1.1 / 11	Gu, X. Z.; Zhang, G. Y.; Chen, L.; Dai, R. L.; Yu, Y. C.	2007	Persistence and dissipation of synthetic pyrethroid pesticides in red soils from the Yangtze River Delta area Journal: Environ. Geochem. Health, Volume 30, Issue 1, Page 67-77, Publication Year 2008 Year: 2008 Report No.: M-460924-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.1.2.1.2 / 01	Stroech, K.; Junge, T.	2013	[Gemdimethyl-14C]AE F108565 (Br2CA): Degradation in four aerobic soils Bayer Report No.: EnSa-13-0193 Edition Number: M-455519-01-1 Date: 2013-06-06 GLP/GEP: Yes, unpublished	No	Yes	Data gap from the last Annex I listing	Bayer
KCA 7.1.2.1.2 / 02	Frzsche, K.; Hellstern, J.	2011	AE F109036: Aerobic degradation in three European soils Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S11-01624 Edition Number: M-413119-01-1 Date: 2011-07-29 GLP/GEP: Yes, unpublished	No	Yes	Data gap from the last Annex I listing	Bayer
KCA 7.1.2.1.2 / 03	Hardy, I. A. J.	2013	Deltamethrin: Kinetic modelling evaluation of data from aerobic soil degradation studies to derive trigger and modelling endpoints Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer Report No.: VC/11/026A Edition Number: M-462053-01-1 Date: 2013-07-10 GLP/GEP: No, unpublished ... also filed: KCA 7.1.2.1.1 / 10	No	No		Bayer

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KCA 7.1.2.1.3 / 01	Wang, W. W.	1991	Anaerobic soil metabolism of 14C-deltamethrin XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A47918 Report includes Trial Nos.: XBL89098 Edition Number: M-136665-01-1 Date: 1991-07-30 GLP/GEP: Yes, unpublished ... also filed: KCA 7.1.1.2 / 01	No	Yes		Bayer
KCA 7.1.2.2.1 / 01	Mayasich, J. M.; Czarnecki, J. J.	1991	Determination of the dissipation and mobility of alpha-R-, cis-, and trans-deltamethrin, and Br2CA residues in a Minnesota corn field. EN-CAS Analytical Laboratories, Winston-Salem, NC, USA Bayer Report No.: A71264 Edition Number: M-149730-01-1 Date: 1991-10-21 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 7.1.2.2.1 / 02	Baedelt, H.; Idstein, H.; Krebs, B.	1990	Deltamethrin emulsifiable concentrate 25 g/l: Investigation of degradation in the soil under outdoor conditions. Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A71035 Edition Number: M-127756-01-2 Date: 1990-09-20 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1 / 01	No	No		Bayer
KCA 7.1.3.1.1 / 01	Smith, A. M.	1990	Determination of the adsorption and desorption coefficients of deltamethrin Bionomics Laboratories, USA Bayer Report No.: A47159 Edition Number: M-135594-01-1 Date: 1990-06-29 GLP/GEP: Yes, unpublished	No	Yes		Bayer

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KCA 7.1.3.1.1 / 02	Christensen, K. P.	1993	Deltamethrin: Determination of the sorption and desorption properties. Springborn Laboratories, Inc. (SLS), USA Bayer Report No.: A73876 Edition Number: M-152148-01-1 Date: 1993-10-13 GLP/GEP: Yes, unpublished	No	Yes	Study considered necessary by former RMS KEMI to re-evaluate the Koc of deltamethrin during the BPD evaluation of deltamethrin	Bayer
KCA 7.1.3.1.1 / 03	Hellpointner, E.	2019	EU approval renewal of the active substance deltamethrin - EFSA request for additional information - Authority letter dated 2018-12-21 - Reference JT/JS/al (2018) - out-20561504 - Answer provided by Bayer AG - Request 68: Tables such that basic tests on the quality of adsorption endpoints can be performed Bayer Report No.: M-647639-01-1 Date: 2019-01-25 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 7.1.3.1.2 / 01	Wang, W. W.	1991	Adsorption and desorption of 14C-Br2CA in five soils XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A72145 Edition Number: M-150487-01-1 Date: 1991-12-16 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 7.1.3.1.2 / 02	Reynolds, J. L.	1992	Adsorption and desorption of 14C-m-phenoxybenzoic acid in four soils. XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A71037 Edition Number: M-149517-01-1 Date: 1992-11-18 GLP/GEP: Yes, unpublished	No	Yes		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
KCA 7.1.3.2 / 01	Erzgraeber, B.	1999	Investigation of the leaching of deltamethrin and its metabolite Br2CA under "worst case" conditions using the simulation model PELMO 3.00 Code: AE F032640, AE F108565 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C006117 Edition Number: M-193342-01-1 Date: 1999-11-26 GLP/GEP: No, unpublished	No	No		Bayer
KCA 7.1.3.2 / 02	Kaufman, D. D.; Kayser, A. J.; Barnett, E. A.; Daniels, P. W.; Russell, B. A.	1978	Preliminary soil metabolism investigations with decamethrin. USDA, United States Department of Agriculture, USA Bayer Report No.: A12524 Edition Number: M-063775-01-1 Date: 1978-01-01 GLP/GEP: No, unpublished ... also filed: KCA 7.1.1.1 / 07 KCA 7.1.2 / 01 KCA 7.1.2.1.1 / 08	No	No		Bayer
KCA 7.1.3.2 / 03	Hascoet, M.; Jamet, P.	1977	Laboratory Leaching Soil Study with DECAMETHRIN (RU 22974) Institut National de la Recherche Agronomique, France Bayer Report No.: A20240 Edition Number: M-149491-01-2 Date: 1977-09-20 GLP/GEP: No, unpublished	No	No		Bayer
KCA 7.1.3.2 / 04	Kaufman, D. D.; Russell, B. A.; Kayser, A. J.	1980	Movement of decamethrin, cypermethrin, permethrin and selected degradation products in soils. USDA, United States Department of Agriculture, USA Bayer Report No.: A71012 Edition Number: M-149493-01-1 Date: 1980-01-01 GLP/GEP: No, unpublished	No	No		Bayer

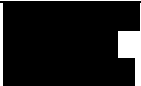
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.2.1 / 01	Giddings, J. M.	1999	A review of field studies on the fate and effects of deltamethrin and tralomethrin in aquatic ecosystems Springborn Laboratories, Inc. (SLS), USA Bayer Report No.: C002977 Edition Number: M-185344-01-1 Date: 1999-03-12 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2 / 04	No	No		Bayer
KCA 7.2.1 / 02	Heusel, R.	1999	Comments to the ECCO groups on the draft monograph for deltamethrin. Section B-8 ecotoxicology Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C003084 Edition Number: M-185587-01-1 Date: 1999-03-19 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2 / 05	No	No		Bayer
KCA 7.2.1 / 03	Buerkle, W. L.	1993	Deltamethrin, Hoe 032640, RU 22974: Testing the volatility of 14C-labelled active ingredient in the formulated product Decis fluessig EC03 in a wind-tunnel after application to leaves of dwarf bean plants Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A53755 Edition Number: M-132365-02-2 Date: 1993-10-06 ... amended: 1993-12-07 GLP/GEP: No, unpublished ... also filed: KCA 7.3 / 03	No	No		Bayer

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KCA 7.2.1 / 04	Buerstell, H.; Ulrich, C.; Werner, H. J.	1993	Deltamethrin - emulsifiable concentrate (25 g deltamethrin / l product) (Code Hoe 032640 00 EC03 A122) Investigation of the volatility of Deltamethrin in the field following a single application of the above formulation on soil (Guideline: Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A54564 Edition Number: M-132706-01-2 Date: 1993-12-13 GLP/GEP: Yes, unpublished ... also filed: KCA 7.1.2 / 03	No	Yes		Bayer
KCA 7.2.1 / 05	Buerstell, H.; Ulrich, C.; Werner, H. J.	1993	Deltamethrin - emulsifiable concentrate (25 g deltamethrin / l product) - (Code Hoe 032640 00 EC03 A122) Investigation of the volatility of Deltamethrin in the field following a single application of the above formulation in field biens as Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A54563 Edition Number: M-132707-01-2 Date: 1993-12-13 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 7.2.1 / 06	Wicke, H.	1998	Assessment of exposure to operators after application in greenhouse and risk assessment Deltamethrin emulsifiable concentrate 25 g/L Code: AE F032640 00 EC03 C3 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C000315 Edition Number: M-180457-01-1 Date: 1998-07-23 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 7.2.1.1 / 01		1991	Tralomethrin and deltamethrin - Comparative environmental fate during an aquatic microcosm test. Bayer Report No.: A47913 Edition Number: M-136641-01-1 Date: 1991-09-27 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.2.1.1 / 02	Maurer, T.; Schaefer, D.	2002	Additional information on hydrolysis of deltamethrin at pH8 and contribution of hydrolysis to the overall dissipation of deltamethrin from surface/natural water bodies Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C018813 Edition Number: M-206738-01-1 Date: 2002-01-21 GLP/GEP: No, unpublished ... also filed: KCA 2.4 / 02 KCA 7.2.1.2 / 04	No	No		Bayer
KCA 7.2.1.1 / 03	Smith, A. M.	1990	Determination of aqueous hydrolysis rate constant and half-life of deltamethrin. Bionomics Laboratories, USA Bayer Report No.: A45079 Edition Number: M-129026-01-1 Date: 1990-07-02 GLP/GEP: Yes, unpublished ... also filed: KCA 2.8 / 02	No	Yes		Bayer
KCA 7.2.1.2 / 01	Wang, W. W.; Reynolds, J. L.	1991	Aqueous photolysis of 14C-deltamethrin XenoBiotics Laboratories, Inc., Plainsboro, NJ, USA Bayer Report No.: A47960 Edition Number: M-136754-01-1 Date: 1991-07-18 GLP/GEP: Yes, unpublished ... also filed: KCA 2.8 / 03	No	Yes		Bayer
KCA 7.2.1.2 / 02	Bowman, B. T.; Carpenter, M.	1987	Determination of photodegradation of 14C-deltamethrin in aqueous solution ABC Laboratories, Inc., Columbia, MO, USA Bayer Report No.: A41919 Edition Number: M-124981-01-1 Date: 1987-06-25 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.2.1.2 / 03	Ruzo, L. O.; Holmstead, R. L.; Casida, J. E.	1977	Pyrethroid Photochemistry: Decamethrin Journal: Journal of Agricultural and Food Chemistry Volume: 25 Issue: 6 Pages: 1385-1394 Year: 1977 Report No.: A27135 Edition Number: M-099952-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.2.1.2 / 04	Maurer, T.; Schaefer, D.	2002	Additional information on hydrolysis of deltamethrin at pH8 and contribution of hydrolysis to the overall dissipation of deltamethrin from surface/natural water bodies Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C018813 Edition Number: M-206738-01-1 Date: 2002-01-21 GLP/GEP: No, unpublished ... also filed: KCA 2.4 / 02 KCA 7.2.1.1 / 02	No	No		Bayer
KCA 7.2.2.1 / 01	Wuethrich, V.	1994	Ready biodegradability: "Manometric respirometry test" for deltamethrin. RCC, Research and Consulting Company Ltd., Switzerland Bayer Report No.: A71006 Edition Number: M-149487-01-1 Date: 1994-07-01 GLP/GEP: Yes, unpublished ... also filed: KCA 7.2.2.3 / 01	No	Yes		Bayer
KCA 7.2.2.2 / 01	Wang, Q.; Liu, Q.; Li, J.; Chi, H.; Wang, J.	2011	Residual elimination and kinetics of low concentration of deltamethrin in water. Journal: Nongye Huanjing Kexue Xuebao, Volume 26, Issue 5, Page 1725-1728, Publication Year 2007 Year: 2007 Report No.: M-461213-01-2 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.2.2.3 / 01	Wuethrich, V.	1994	Ready biodegradability: "Manometric respirometry test" for deltamethrin. RCC, Research and Consulting Company Ltd., Switzerland Bayer Report No.: A71006 Edition Number: M-149487-01-1 Date: 1994-07-01 GLP/GEP: Yes, unpublished ... also filed: KCA 7.2.2.1 / 01	No	Yes		Bayer
KCA 7.2.2.3 / 02	Muir, D. C. G.; Rawn, G. P.; Townsend, B. E.; Lockhart, W. L.; Greenhalgh, R.	1985	Bioconcentration of cypermethrin, deltamethrin, fenvalerate and permethrin by Chironomus tentans in sediment and water Journal: Environmental Toxicology and Chemistry Volume: 4 Pages: 51-61 Year: 1985 Report No.: A41920 Edition Number: M-124982-01-1 GLP/GEP: n.a., published ... also filed: KCA 8.2.8 / 01	No	No		published
KCA 7.2.2.3 / 03	Muttzall, P. I.	1993	Water / sediment biodegradation of (benzyl-14C) Deltamethrin. TNO, Netherlands Bayer Report No.: A50953 Edition Number: M-131938-01-1 Date: 1993-05-24 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 7.2.2.3 / 04	Hellpointner, E.; Menke, U.; Weuthen, M.	2012	[gem-dimethyl-14C]deltamethrin: Aerobic aquatic metabolism Bayer Report No.: EnSa-12-0181 Edition Number: M-434820-01-1 Date: 2012-07-05 GLP/GEP: Yes, unpublished	No	Yes	Data gap from the last Annex I listing	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.2.2.3 / 05	Hardy, I. A. J.	2013	Kinetic modelling analysis of deltamethrin from a water/ sediment study Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer Report No.: VC/11/015A Edition Number: M-461952-01-1 Date: 2013-07-10 GLP/GEP: No, unpublished	No	No		Bayer
KCA 7.2.2.3 / 06	Hardy, I. A. J.	2013	Kinetic modelling analysis of deltamethrin from two water/ sediment studies Battelle UK Ltd., Ongar, Essex, United Kingdom Bayer Report No.: VC/11/015B Edition Number: M-462042-01-1 Date: 2013-07-10 GLP/GEP: No, unpublished	No	No		Bayer
KCA 7.2.2.3 / 07	Meyer, B.; Jones, R.; Moore, S.; Lam, C.	2013	Laboratory Degradation Rates of 11 Pyrethroids under Aerobic and Anaerobic Conditions Publisher: American Chemical Society Journal: Journal of Agricultural and Food Chemistry Ahead of Print Year: 2013 Report No.: M-462374-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.2.2.4 / 01		2005	Biological effects and fate of deltamethrin EW 015 in outdoor mesocosm ponds Bayer Report No.: HBF/BT 07 Edition Number: M-246137-01-1 Date: 2005-02-24 GLP/GEP: Yes, unpublished	Yes	Yes	Mesocosm study simulating fate after drift entry to surface water and simulating drift entry to surface water to support risk assessment for aquatic invertebrates	Bayer

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KCA 7.3 / 01	Meichsner, C.	1999	Calculation of the indirect photolysis reaction using the incremental method of Atkinson and the Program AOPWIN, Version 1.80 Deltamethrin InfraServ GmbH & Co Hoechst KG, Frankfurt am Main, Germany Bayer Report No.: C002214 Edition Number: M-184105-01-1 Date: 1999-01-19 GLP/GEP: No, unpublished ... also filed: KCA 2.14 / 03	No	No		Bayer
KCA 7.3 / 02	Ruedel, H.; Waymann, B.	1993	Testing for volatility of 14C-deltamethrin (formulated as the product Decis fluessig EC): Volatilisation from plant surfaces volatilisation from soil. Fraunhofer Institut fuer Umweltchemie und Oekotoxikologie, Schmallingenberg, Germany Bayer Report No.: A53910 Edition Number: M-131700-01-2 Date: 1993-04-23 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 7.3 / 03	Buerkle, W. L.	1993	Deltamethrin, Hoe 032640, RU 22974: Testing the volatility of 14C-labelled active ingredient in the formulated product Decis fluessig EC03 in a wind-tunnel after application to leaves of dwarf bean plants Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A53755 Edition Number: M-132365-02-2 Date: 1993-10-06 ... amended: 1993-12-07 GLP/GEP: No, unpublished ... also filed: KCA 7.2.1 / 03	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.5 / 01	Legrand, M. F.; Costentin, E.; Bruchet, A.	1991	Occurence of 38 pesticides in various French surface and ground waters. Journal: Environmental Technology Volume: 12 Pages: 985;986 Year: 1991 Report No.: A47899 Edition Number: M-136600-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.5 / 02	Goncalves, C.; Alpendurada, M.	2004	Assessment of pesticide contamination in soil samples from an intensive horticulture area, using ultrasonic extraction and gas chromatography-mass spectrometry Journal: Talanta, Volume 65, Issue 5, Page 1179-1189, Publication Year 2005 Year: 2005 Report No.: M-460866-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.5 / 03	Fernandez- Alvarez, M.; Llompart, M.; Lamas, J.; Lores, M.; Garcia-Jares, C.; Cela, R.; Dagnac, T.	2008	Simultaneous determination of traces of pyrethroids, organochlorines and other main plant protection agents in agricultural soils by headspace solid-phase microextraction-gas chromatography Publisher: Elsevier B.V. Journal: J. Chromatogr., A, Volume 1188, Issue 2, Page 154-163, Publication Year 2008 Year: 2008 Report No.: M-455938-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.5 / 04	Rocha, M. J.; Ribeiro, M. F. T.; Cruzeiro, C.; Figueiredo, F.; Rocha, E.	2012	Development and validation of a GC-MS method for determination of 39 common pesticides in estuarine water - targeting hazardous amounts in the douro river estuary Journal: Int. J. Environ. Anal. Chem. Volume: 92 Issue: 14 Pages: 1587-1608 Year: 2012 Report No.: M-457780-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 7.5 / 05	Tsochatzis, E. D.; Tzimou-Tsitouridou, R.; Menkissoglu-Spiroudi, U.; Karpouzas, D. G.; Papageorgiou, M.	2012	Development and validation of an HPLC-DAD method for the simultaneous determination of most common rice pesticides in paddy water systems Journal: Int. J. Environ. Anal. Chem. Volume: 92 Issue: 5 Pages: 548-560 Year: 2012 Report No.: M-457791-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.5 / 06	Kronvang, B.; Laubel, A.; Larsen, S. E.; Friberg, N.	2003	Pesticides and heavy metals in Danish streambed sediment Journal: Hydrobiologia, Volume 494, Page 93-101, Publication Year 2003 Year: 2003 Report No.: M-460841-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.5 / 07	Badach, H.; Nazimek, T.; Kaminska, I. A.	2007	Pesticide content in drinking water samples collected from orchard areas in central Poland Journal: Ann. Agric. Environ. Med., Volume 14, Issue 1, Page 109-114, Publication Year 2007 Year: 2007 Report No.: M-458077-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.5 / 08	Hart, E.; Pastor, A.; Yusa, V.; Coscolla, C.	2013	GC-MS characterization of contemporary pesticides in PM10 of Valencia Region, Spain. Journal: Atmos. Environ., Volume 62, Page 118-129, Publication Year 2012 Year: 2012 Report No.: M-462167-01-1 GLP/GEP: n.a., published	No	No		published
KCA 7.5 / 09	Gonzalez, F.; Granero, A.; Glass, C.; Frenich, A.; Vidal, J.	2004	Screening method for pesticides in air by gas chromatography/tandem mass spectrometry Publisher: John Wiley & Sons, Ltd. Journal: Rapid Commun. Mass Spectrom., Volume 18, Issue 5, Page 537-543, Publication Year 2004 Year: 2004 Report No.: M-455826-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 7.5 / 10	Schummer, C.; Mothiron, E.; Appenzeller, B. M. R.; Rizet, A. L.; Wennig, R.; Millet, M.	2010	Temporal variations of concentrations of currently used pesticides in the atmosphere of Strasbourg, France Journal: Environ. Pollut. (Oxford, U. K.), Volume 158, Issue 2, Page 576-584, Publication Year 2010 Year: 2010 Report No.: M-457521-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.1 / 01	Ebert, E.; Romijn, K.	2000	Response to ECCO 81 overview meeting Point 3.1 refinement of long-term risk for wild mammals Deltamethrin Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C007762 Edition Number: M-196600-01-1 Date: 2000-03-27 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 8.1 / 02		1973	Factors to be considered in the evaluation of the toxicity of pesticides to birds in their environment. Journal: Environmental Quality and Safety Volume: 2 Pages: 166-181 Year: 1973 Report No.: A32849 Edition Number: M-112797-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 8.1 / 03	Nagy, K. A.	1987	Field metabolic rate and food requirement scaling in mammals and birds Journal: Ecological Monographs Volume: 57 Issue: 2 Pages: 111-128 Year: 1987 Report No.: A74185 Edition Number: M-152436-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.1.1 / 01	Martens, R.; Schaefer, D.	1999	Estimation of half-life of residues on leafy crops Deltamethrin Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C005514 Edition Number: M-192201-01-1 Date: 1999-10-04 GLP/GEP: No, unpublished	No	No		Bayer
KCA 8.1.1 / 02	Schaefer, D.; Ellerich, C.	2019	Deltamethrin (DLT): Kinetic evaluation of residue dissipation after application in or on lettuce and spinach Bayer Report No.: EnSa-18-1107 Edition Number: M-642794-02-1 Date: 2018-11-30 ... amended: 2019-01-15 GLP/GEP: No, unpublished	No	No		Bayer
KCA 8.1.1 / 03		2019	Bayer response to EFSA request for additional information related to birds and mammals - Foliage residue DT50 for herbivorous mammal long-term risk refinement - Kinetic evaluation of lettuce and spinach residue decline trials - Weight-of-evidence evaluation of foliage residue decline of deltamethrin Bayer Report No.: M-646806-01-1 Date: 2019-01-17 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 8.1.1.1 / 01		1977	Acute Oral LD50 - Mallard Duck. Technical Decis. Final Report - unknown - Bayer Report No.: A20231 Edition Number: M-093403-01-1 Date: 1977-06-06 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 8.1.1.1 / 02		1986	Deltamethrin: An acute oral toxicity study with the bobwhite - final report Bayer Report No.: A41913 Edition Number: M-124976-01-1 Date: 1986-02-17 GLP/GEP: Yes, unpublished	Yes	Yes		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
KCA 8.1.1.1 / 03	[REDACTED]	2013	Toxicity of deltamethrin technical during an acute oral LD50 with the canary (Serinus canaria) [REDACTED] Bayer Report No.: EBDAL083 Edition Number: M-444452-01-1 Date: 2013-01-10 GLP/GEP: Yes, unpublished	Yes	Yes	Study conducted for US re- registration and completes the EU data package	Bayer
KCA 8.1.1.2 / 01	[REDACTED]	1986	Deltamethrin: A dietary LC50 study with the Bobwhite. Final report. [REDACTED] Bayer Report No.: A41915 Edition Number: M-124978-01-1 Date: 1986-05-02 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 8.1.1.2 / 02	[REDACTED]	1986	Deltamethrin: A dietary LC50 study with the mallard Final report [REDACTED] Bayer Report No.: A41870 Edition Number: M-124933-01-1 Date: 1986-07-22 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 8.1.1.3 / 01	[REDACTED]	1991	Deltamethrin: A one generation reproduction study with the Northern bobwhite (Colinus virginianus). [REDACTED] Bayer Report No.: A70913 Edition Number: M-149397-01-1 Date: 1991-09-13 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer

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KCA 8.1.1.3 / 02	[REDACTED]	1991	Deltamethrin: A one generation reproduction study with the mallard (Anas platyrhynchos). [REDACTED] Bayer Report No.: A70914 Edition Number: M-149398-01-1 Date: 1991-09-13 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 8.1.2.2 / 01	[REDACTED]	2011	A developmental neurotoxicity screening study with technical grade deltamethrin in Wistar rats Bayer Report No.: 201469-2 Edition Number: M-270180-03-1 Date: 2006-04-03 ... amended: 2011-12-12 GLP/GEP: Yes, unpublished ... also filed: KCA 5.7.1 / 02	Yes	Yes	Requested by US EPA and by the EU Commission with the Annex I listing to complete data package	Bayer
KCA 8.2 / 01	Kennedy, J. H.; Rodgers, J. H.; Johnson, P. C.	1989	Evaluation of the ecological/biological effects of tralomethrin utilizing an experimental pond system. University of Texas, Houston, TX, USA Bayer Report No.: A47958 Edition Number: M-136731-01-1 Date: 1989-10-16 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.2 / 02	[REDACTED]	1989	Supplement to: Evaluation of the ecological, biological effects of tralomethrin utilizing an experimental pond system. [REDACTED] Bayer Report No.: A73939 Edition Number: M-152210-01-1 Date: 1989-10-16 GLP/GEP: n.a., unpublished	Yes	No		Bayer

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KCA 8.2 / 03	[REDACTED]	2000	Ecological risks of pesticides in freshwater ecosystems - Part 2: Insecticides Publisher: Alterra Location: The Netherlands Journal: Ecological risks of pesticides in freshwater ecosystems (Part 2) Volume: 2 Pages: 1-142 Year: 2000 Report No.: Lit. 9324 Edition Number: M-201559-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 8.2 / 04	Giddings, J. M.	1999	A review of field studies on the fate and effects of deltamethrin and tralomethrin in aquatic ecosystems Springborn Laboratories, Inc. (SLS), USA Bayer Report No.: C002977 Edition Number: M-185344-01-1 Date: 1999-03-12 GLP/GEP: n.a., unpublished ... also filed: KCA 7.2.1 / 01	No	No		Bayer
KCA 8.2 / 05	Heusel, R.	1999	Comments to the ECCO groups on the draft monograph for deltamethrin. Section B-8 ecotoxicology Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: C003084 Edition Number: M-185587-01-1 Date: 1999-03-19 GLP/GEP: n.a., unpublished ... also filed: KCA 7.2.1 / 02	No	No		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
KCA 8.2 / 06	Schanne, C.; van der Kolk, J.	2001	(14C)-deltamethrin formulated as emulsifiable concentrate (25 g/L deltamethrin): outdoor aquatic microcosm study of the ecological effects and environmental fate Springborn Laboratories (Europe) AG, Horn, Switzerland Bayer Report No.: C015510 Edition Number: M-200619-03-1 Date: 2001-09-21 ... amended: 2001-12-12 GLP/GEP: Yes, unpublished ... also filed: KCA 8.2.5 / 01	No	Yes		Bayer
KCA 8.2 / 07	Suess, A.; Schmidt, H.; Schmidt, K.	2000	Investigation of the effects of Decis Fluessig (R) (deltamethrin) on the aquatic macrofauna, and of the dissipation over time and distance of the active substance in a small stream Journal: Mitteilungen aus der Biologischen Bundesanstalt fuer Land- und Forstwirtschaft Volume: 376 Pages: 442;443 Year: 2000 Report No.: C016963 Edition Number: M-200323-01-2 GLP/GEP: n.a., published ... also filed: KCA 8.2.5 / 05	No	No		published
KCA 8.2 / 08	Feyerabend, M.; Romijn, K.; Schaefer, D.; Sowig, P.	2001	Aquatic risk assessment for the active ingredient deltamethrin with special reference for aquatic invertebrates Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016021 Edition Number: M-201581-01-1 Date: 2001-09-27 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2.5 / 02	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.2 / 09	[REDACTED]	2001	Probabilistic risk assessment of cotton pyrethroids: I. Distributional analyses of laboratory aquatic toxicity data Journal: Environmental Toxicology and Chemistry Volume: 20 Issue: 3 Pages: 652-659 Year: 2001 Report No.: C013417 Edition Number: M-204574-01-1 GLP/GEP: n.a., published ... also filed: KCA 8.2.5 / 03	Yes	No		published
KCA 8.2 / 10	[REDACTED]	2000	Statement on the potential risk of bioaccumulation of deltamethrin from the aquatic to the terrestrial food chain with special consideration of aquatic plants (response to ECCO 81 and the Overview Meeting / Point 3.3) Code: AE F032640 [REDACTED] Bayer Report No.: C009548 Edition Number: M-198780-01-1 Date: 2000-09-08 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2.2.3 / 02	Yes	No		Bayer
KCA 8.2 / 11	Anon.	2016	Bayer Deltamethrin - CRD Ecotox request 27-01-2016 Bayer Report No.: M-583896-01-1 Date: 2016-01-27 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 8.2 / 12	Lagadic, L.	2018	ECx value calculation for aquatic chronic studies with deltamethrin (submitted for AIR3 of deltamethrin) Bayer Report No.: M-644600-01-1 Date: 2018-12-14 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 8.2.1 / 01	[REDACTED]	1986	Acute toxicity of deltamethrin to Bluegill Sunfish (<i>Lepomis macrochirus</i>). [REDACTED] Bayer Report No.: A70934 Edition Number: M-149416-01-1 Date: 1986-01-23 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 8.2.1 / 02	[REDACTED]	1986	Acute toxicity of deltamethrin to rainbow trout (<i>Salmo gairdneri</i>). [REDACTED] Bayer Report No.: A70935 Edition Number: M-149417-01-1 Date: 1986-01-06 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 8.2.1 / 03	[REDACTED]	1990	(LX 165-08, deltamethrin technical) - Acute (28-Day) toxicity to rainbow trout (<i>Oncorhynchus mykiss</i>) under flow-through conditions. [REDACTED] Bayer Report No.: A47111 Edition Number: M-135553-01-1 Date: 1990-04-11 GLP/GEP: Yes, unpublished ... also filed: KCA 4.1.2 / 45 KCA 8.2.2.1 / 01	Yes	Yes	This 28 day study was already evaluated during the last Annex I listing as a chronic study (AII 8.2.2.2/01). For the Annex I Renewal an acute 96 h- LC50 value derived from the same study, shall address point 8.2.1.	Bayer
KCA 8.2.1 / 04	[REDACTED]	1990	(Deltamethrin) - Acute toxicity to sheepshead minnow (<i>Cyprinodon variegatus</i>) under flow-through conditions [REDACTED] Bayer Report No.: A47094 Edition Number: M-135536-01-1 Date: 1990-06-19 GLP/GEP: Yes, unpublished	Yes	Yes	Not submitted for last Annex I listing as it was not a data requirement then.	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.2.1 / 05	██████	2014	Acute toxicity of alpha-R isomer of deltamethrin (tech.) to fish (Oncorhynchus mykiss) under static-renewal conditions Bayer Report No.: EBDAL021 Edition Number: M-473954-01-1 Date: 2014-01-08 GLP/GEP: Yes, unpublished	Yes	Yes	New study with the metabolite AE F108569 (alpha R isomer of deltamethrin) to complete the aquatic data package	Bayer
KCA 8.2.1 / 06	██████	2013	Acute toxicity of trans-isomer of deltamethrin (tech.) to fish (Oncorhynchus mykiss) under static conditions Bayer Report No.: EBDAL029 Edition Number: M-473731-01-1 Date: 2013-12-23 GLP/GEP: Yes, unpublished	Yes	Yes	New study with the metabolite AE 0035073 (trans isomer of deltamethrin) to complete the aquatic data package	Bayer
KCA 8.2.1 / 07	██████	2013	BCS-BY84407 (tech.) - Acute toxicity to fish (Oncorhynchus mykiss) under static-renewal conditions Bayer Report No.: EBDAL030 Edition Number: M-473195-01-1 Date: 2013-12-03 GLP/GEP: Yes, unpublished	Yes	Yes	New study with the metabolite AE 0035082 (4'OH deltamethrin) to complete the aquatic data package	Bayer
KCA 8.2.1 / 08	██████	2001	Acute toxicity to Oncorhynchus mykiss (rainbow trout) AE F108565 (metabolite of deltamethrin) substance, pure Code: AE F108565 00 1B99 0001 ██ Bayer Report No.: CE00/074 Edition Number: M-199816-01-2 Date: 2001-04-19 GLP/GEP: Yes, unpublished	Yes	Yes	New study with the metabolite AE F108565 (Br2CA) to complete the aquatic data package	Bayer
KCA 8.2.1 / 09	Buser, H. P.	2014	Letter of access to the benefit of Bayer CropScience AG - Deltamethrin Syngenta Crop Protection AG, Basel, Switzerland Bayer Report No.: M-479954-01-1 Date: 2014-03-11 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2.4.1 / 10	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.2.1 / 10	Koepruecue, S. S.; Koepruecue, K.; Ural, M. S.	2006	Acute toxicity of the synthetic pyrethroid deltamethrin to fingerling European catfish, <i>Silurus glanis</i> L. Journal: Bull. Environ. Contam. Toxicol., Volume 76, Issue 1, Page 59-65, Publication Year 2006 Year: 2006 Report No.: M-460890-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.2.1 / 11	Chen, H. H.; Qin, J. H.; Liu, H. C.; Zhang, X. M.; Ma, X. F.	2011	Acute toxicity of representative heavy metals, polycyclic aromatic hydrocarbons (PAHs) and pyrethroid pesticides to <i>Tanichthys albonubes</i> Journal: Huazhong Nongye Daxue Xuebao Volume: 30 Issue: 4 Pages: 511-515 Year: 2011 Report No.: M-462645-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.2.2 / 01		1991	Deltamethrin: Toxicity test with Fathead minnow (<i>Pimephales promelas</i>) embryos and larvae. Bayer Report No.: A70931 Edition Number: M-149413-01-1 Date: 1991-07-18 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 8.2.2.1 / 01		1990	(LX 165-08, deltamethrin technical) - Acute (28-Day) toxicity to rainbow trout (<i>Oncorhynchus mykiss</i>) under flow-through conditions. Bayer Report No.: A47111 Edition Number: M-135553-01-1 Date: 1990-04-11 GLP/GEP: Yes, unpublished ... also filed: KCA 4.1.2 / 45 KCA 8.2.1 / 03	Yes	Yes	This 28 day study was already evaluated during the last Annex I listing as a chronic study (AII 8.2.2.2/01). For the Annex I Renewal an acute 96 h- LC50 value derived from the same study, shall address point 8.2.1.	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.2.2.1 / 02	[REDACTED]	2012	Early life stage toxicity of deltamethrin technical to the sheepshead minnow (Cyprinodon variegatus) under flow-through conditions Bayer Report No.: EBDAL085 Edition Number: M-439783-01-1 Date: 2012-10-19 GLP/GEP: Yes, unpublished	Yes	Yes	Study conducted for US re-registration and is also relevant for the EU.	Bayer
KCA 8.2.2.2 / 01	[REDACTED]	1993	Deltamethrin: The chronic toxicity to the fathead minnow (Pimephales promelas) during a full life-cycle exposure. [REDACTED] Bayer Report No.: A70972 Edition Number: M-149454-01-1 Date: 1993-05-20 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 8.2.2.3 / 01	[REDACTED]	1992	Supplemental information to the study "(Deltamethrin) - bioconcentration and elimination of (14)C-residues by Bluegill (LEPOMIS MACROCHIRUS)" (EPA MRID No. 41651040) [REDACTED] Bayer Report No.: A97600 Edition Number: M-174973-01-1 Date: 1992-09-03 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 8.2.2.3 / 02	[REDACTED]	2000	Statement on the potential risk of bioaccumulation of deltamethrin from the aquatic to the terrestrial food chain with special consideration of aquatic plants (response to ECCO 81 and the Overview Meeting / Point 3.3) Code: AE F032640 [REDACTED] Bayer Report No.: C009548 Edition Number: M-198780-01-1 Date: 2000-09-08 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2 / 10	Yes	No		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
KCA 8.2.2.3 / 03	[REDACTED]	1985	Fate of the Pyrethroid Insecticide Deltamethrin in Small Ponds: A Mass Balance Study Publisher: American Chemical Society Journal: Journal of Agricultural and Food Chemistry Volume: 33 Pages: 603-609 Year: 1985 Report No.: A33111 Edition Number: M-113322-01-1 GLP/GEP: n.a., published ... also filed: KCA 8.2.8 / 02	Yes	No		published
KCA 8.2.2.3 / 04	[REDACTED]	1990	(Deltamethrin) - Bioconcentration and elimination of 14C-residues by bluegill (Lepomis macrochirus). [REDACTED] Bayer Report No.: A47117 Edition Number: M-135559-01-1 Date: 1990-07-05 GLP/GEP: Yes, unpublished	Yes	Yes		Bayer
KCA 8.2.3 / 01	De Assis, H.; Tramujas, F.; Favaro, L.; Assis, H.; Pauka, L.	2011	Reproductive aspects of zebrafish, Danio rerio, exposed to sublethal doses of deltamethrin . Aspectos reprodutivos do peixe-zebra, Danio rerio, exposto a doses subletais de deltametrina. Journal: Archives of Veterinary Science (2006) Volume 11, Number 1, pp. 48-53, 18 refs. ISSN: 1517-784X Published by: Universidade Federal do Parana, Curitiba Year: 2006 Report No.: M-460900-01-2 GLP/GEP: n.a., published	No	No		published
KCA 8.2.4 / 01	Gries, T.; van der Kolk, J.	2001	Acute toxicity test with fresh water isopods (Asellus aquaticus) under semi-static conditions (14C)-deltamethrin formulated as emulsifiable concentrate (25 g/L deltamethrin) Code: AE F032640 Springborn Laboratories (Europe) AG, Horn, Switzerland Bayer Report No.: C015003 Edition Number: M-199681-01-1 Date: 2001-07-30 GLP/GEP: Yes, unpublished	No	Yes		Bayer

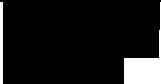
Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.2.4 / 02	Thybaud, E.; Le Bras, S.; Cosson, R. P.	1987	Etude comparée de la sensibilité d' <i>Asellus aquaticus</i> L. (Crustace, Isopode) vis-à-vis de quelques insecticides et de divers métaux lourds Journal: Acta Oecologica Volume: 8 Issue: 4 Pages: 355-361 Year: 1987 Report No.: C016962 Edition Number: M-201338-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.2.4 / 03	Putt, A. E.	2000	Acute toxicity to gammarids (<i>Gammarus fasciatus</i>) under flow-through conditions Decis EC 25 g/L Springborn Laboratories, Inc., Wareham, MA, USA Bayer Report No.: C006608 Edition Number: M-194285-01-1 Date: 2000-01-07 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.2.4 / 04	Putt, A. E.	2000	Acute toxicity to gammarids (<i>Gammarus fasciatus</i>) in a sediment-water system Decis EC 25 g/L Code: AE F032640 00 EC03 B003 Springborn Laboratories, Inc., Wareham, MA, USA Bayer Report No.: C009363 Edition Number: M-198400-01-1 Date: 2000-08-14 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.2.4 / 05	Presing, M.	1989	Data to toxic effect of K-othrine on crustaceans Journal: Arch. Hydrobiol. Volume: 114 Issue: 4 Pages: 621-629 Year: 1989 Report No.: C015982 Edition Number: M-201511-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.2.4 / 06	Sowig, P.	2001	Acute toxicity to non-target aquatic invertebrates - literature review Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015761 Edition Number: M-201135-01-1 Date: 2001-09-11 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2.5 / 04	No	No		Bayer
KCA 8.2.4.1 / 01	Forbis, A. D.; Frazier, S.	1986	Acute toxicity of deltamethrin to Daphnia magna. ABC Laboratories, Inc., California, Madera, CA, USA Bayer Report No.: A70998 Edition Number: M-149479-01-1 Date: 1986-01-29 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.2.4.1 / 02	Putt, A. E.	1999	Acute toxicity to Daphnids (Daphnia magna) under flow-through conditions Deltamethrin (14C-labelled) Springborn Laboratories, Inc., Wareham, MA, USA Bayer Report No.: C003959 Edition Number: M-187113-01-1 Date: 1999-05-13 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.2.4.1 / 03	Riebschlaeger, T.	2014	Acute toxicity of deltamethrin (tech.) to the waterflea Daphnia magna in a static renewal laboratory test system Bayer Report No.: EBDAN150 Edition Number: M-474111-01-1 Date: 2014-01-10 GLP/GEP: Yes, unpublished	No	Yes	New study with isomer-specific analysis to complete the data package	Bayer

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KCA 8.2.4.1 / 04	Bruns, E.	2014	Acute toxicity of alpha-R isomer of deltamethrin (tech.) to the waterflea Daphnia magna in a static-renewal laboratory test system Bayer Report No.: EBDAL022 Edition Number: M-474118-01-1 Date: 2014-01-10 GLP/GEP: Yes, unpublished	No	Yes	New study with the metabolite AE F108569 (alpha R isomer of deltamethrin) to complete the aquatic data package	Bayer
KCA 8.2.4.1 / 05	Bruns, E.	2014	Acute toxicity of trans-isomer of deltamethrin (tech.) to the waterflea Daphnia magna in a static renewal laboratory test system Bayer Report No.: EBDAL028 Edition Number: M-473835-01-1 Date: 2014-01-08 GLP/GEP: Yes, unpublished	No	Yes	New study with the metabolite AE 0035073 (trans isomer of deltamethrin) to complete the aquatic data package	Bayer
KCA 8.2.4.1 / 06	Riebschlaeger, T.	2013	Acute toxicity of BCS-BY84407 to the waterflea Daphnia magna in a static renewal laboratory test system Bayer Report No.: EBDAL031 Edition Number: M-465317-01-1 Date: 2013-09-11 GLP/GEP: Yes, unpublished	No	Yes	New study with the metabolite AE 0035082 (4'OH deltamethrin) to complete the aquatic data package	Bayer
KCA 8.2.4.1 / 07	Sowig, P.; Gosch, H.	2001	Acute toxicity to Daphnia magna (Waterflea) AE F108565 (Metabolite of deltamethrin) substance, pure Code: AE F108565 00 1B99 0001 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: CE99/158 Edition Number: M-199793-01-2 Date: 2001-04-18 GLP/GEP: Yes, unpublished	No	Yes	New study with the metabolite AE F108565 (Br2CA) to complete the aquatic data package	Bayer
KCA 8.2.4.1 / 08	Riebschlaeger, T.	2013	Acute toxicity of BCS-CW57835 to the waterflea Daphnia magna in a static renewal laboratory test system Bayer Report No.: EBDAN001 Edition Number: M-465372-01-1 Date: 2013-09-06 GLP/GEP: Yes, unpublished	No	Yes	New study with the metabolite Serinyl BrCA to complete the aquatic data package	Bayer

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KCA 8.2.4.1 / 09	Caspers, N.	2010	Daphnia sp., acute immobilisation test with Cyfluthrin-m- phenoxybenzaldehyde (AE F114152) Currenta GmbH & Co. OHG, Leverkusen, Germany Bayer Report No.: 2010/0064/01 Edition Number: M-386854-01-1 Date: 2010-07-26 GLP/GEP: Yes, unpublished	No	Yes	New study with the metabolite AE F114152 (mPBaldehyde) to complete the aquatic data package	Bayer
KCA 8.2.4.1 / 10	Buser, H. P.	2014	Letter of access to the benefit of Bayer CropScience AG - Deltamethrin Syngenta Crop Protection AG, Basel, Switzerland Bayer Report No.: M-479954-01-1 Date: 2014-03-11 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2.1 / 09	No	No		Bayer
KCA 8.2.4.1 / 11	Sadler, T.	2019	Validation data for method used in study report 2010/0064/01 Bayer Report No.: M-646878-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished ... also filed: KCA 4.1.2 / 59	No	No		Bayer
KCA 8.2.4.2 / 01	Bradley, M. J.	2013	Deltamethrin - Acute toxicity to freshwater amphipods (Hyaella azteca) under flow-through conditions Smithers Viscient, Wareham, MA, USA Pyrethroid Working Group Report No.: 13656.6170 Edition Number: M-461147-01-1 Date: 2013-07-25 GLP/GEP: Yes, unpublished	No	Yes	Study conducted by Pyrethroid Working Group (PWG), USA; study conducted for US and is also relevant for the EU.	Pyrethroid Working Group

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KCA 8.2.4.2 / 02	Lelievre, M. K.	1991	(Deltamethrin) - Acute toxicity to Mysid shrimp (Mysidopsis bahia) under static renewal conditions. Springborn Laboratories, Inc. (SLS), USA Bayer Report No.: A70997 Report includes Trial Nos.: 1719.0889.6120.510 Edition Number: M-149478-01-1 Date: 1991-08-06 GLP/GEP: Yes, unpublished	No	Yes	Not submitted for last Annex I listing as it was not a data requirement then.	Bayer
KCA 8.2.4.2 / 03	Wu, N.; Wei, H.; Shen, H.; Wu, T. T.; Guo, M.	2012	Acute toxic effects of deltamethrin on red swamp crayfish, <i>Procambarus clarkii</i> (Decapoda, Cambaridae) Publisher: Koninklijke Brill NV Journal: Crustaceana (Leiden), (JUL 2012) Vol. 85, No. 8, pp. 993-1005. http://www.ingentaconnect.com/content/vsp . Year: 2012 Report No.: M-462626-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.2.4.2 / 04	Shen, M. F.; Kumar, A.; Ding, S. Y.; Grocke, S.	2011	Comparative study on the toxicity of pyrethroids, -cypermethrin and deltamethrin to <i>Ceriodaphnia dubia</i> Journal: Ecotoxicol. Environ. Saf., Volume 78, Page 9-13, Publication Year 2012 Year: 2012 Report No.: M-462170-01-1 GLP/GEP: n.a., published ... also filed: KCA 8.2.5.2 / 02	No	No		published
KCA 8.2.4.2 / 05	Key, P.; Chung, K.; Sapozhnikova, Y.; Fulton, M.; De Lorenzo, M.	2013	Comparative toxicity of pyrethroid insecticides to two estuarine crustacean species, <i>Americamysis bahia</i> and <i>Palaemonetes pugio</i> Publisher: Wiley Periodicals, Inc. Journal: Environmental Toxicology Ahead of Print Year: 2013 Report No.: M-462328-01-1 GLP/GEP: n.a., published	No	No		published

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KCA 8.2.5 / 01	Schanne, C.; van der Kolk, J.	2001	(14C)-deltamethrin formulated as emulsifiable concentrate (25 g/L deltamethrin): outdoor aquatic microcosm study of the ecological effects and environmental fate Springborn Laboratories (Europe) AG, Horn, Switzerland Bayer Report No.: C015510 Edition Number: M-200619-03-1 Date: 2001-09-21 ... amended: 2001-12-12 GLP/GEP: Yes, unpublished ... also filed: KCA 8.2 / 06	No	Yes		Bayer
KCA 8.2.5 / 02	Feyerabend, M.; Romijn, K.; Schaefer, D.; Sowig, P.	2001	Aquatic risk assessment for the active ingredient deltamethrin with special reference for aquatic invertebrates Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C016021 Edition Number: M-201581-01-1 Date: 2001-09-27 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2 / 08	No	No		Bayer
KCA 8.2.5 / 03		2001	Probabilistic risk assessment of cotton pyrethroids: I. Distributional analyses of laboratory aquatic toxicity data Journal: Environmental Toxicology and Chemistry Volume: 20 Issue: 3 Pages: 652-659 Year: 2001 Report No.: C013417 Edition Number: M-204574-01-1 GLP/GEP: n.a., published ... also filed: KCA 8.2 / 09	Yes	No		published

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KCA 8.2.5 / 04	Sowig, P.	2001	Acute toxicity to non-target aquatic invertebrates - literature review Code: AE F032640 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015761 Edition Number: M-201135-01-1 Date: 2001-09-11 GLP/GEP: n.a., unpublished ... also filed: KCA 8.2.4 / 06	No	No		Bayer
KCA 8.2.5 / 05	Suess, A.; Schmidt, H.; Schmidt, K.	2000	Investigation of the effects of Decis Fluessig (R) (deltamethrin) on the aquatic macrofauna, and of the dissipation over time and distance of the active substance in a small stream Journal: Mitteilungen aus der Biologischen Bundesanstalt fuer Land- und Forstwirtschaft Volume: 376 Pages: 442;443 Year: 2000 Report No.: C016963 Edition Number: M-200323-01-2 GLP/GEP: n.a., published ... also filed: KCA 8.2 / 07	No	No		published
KCA 8.2.5.1 / 01	McNamara, P. C.	1990	Deltamethrin - the chronic toxicity to Daphnia magna under flow-through conditions Springborn Laboratories, Inc. (SLS), USA Bayer Report No.: A97601 Edition Number: M-174975-01-1 Date: 1990-11-19 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 8.2.5.1 / 02	Boumaiza, M.; Felten, V.; Ferard, J. F.; Fouque, C.; Millet, M.; Radetski, C. M.; Toumi, H.	2013	Effects of deltamethrin (pyrethroid insecticide) on growth, reproduction, embryonic development and sex differentiation in two strains of <i>Daphnia magna</i> (Crustacea, Cladocera). Publisher: Elsevier Journal: Science of the Total Environment Volume: 458-460 Pages: 47-53 Year: 2013 Report No.: M-462220-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.2.5.2 / 01	Claude, M. B.; Kendall, T. Z.; Gallagher, S. P.; Krueger, H. O.	2012	Deltamethrin: A flow-through life-cycle toxicity test with the saltwater mysid (<i>Americamysis bahia</i>) Wildlife International, Ltd., Easton, MD, USA Bayer Report No.: 149A-245A Edition Number: M-437923-01-1 Date: 2012-08-28 GLP/GEP: Yes, unpublished	No	Yes	Study conducted for US re-registration and is also relevant for the EU.	Bayer
KCA 8.2.5.2 / 02	Shen, M. F.; Kumar, A.; Ding, S. Y.; Grocke, S.	2011	Comparative study on the toxicity of pyrethroids, -cypermethrin and deltamethrin to <i>Ceriodaphnia dubia</i> Journal: Ecotoxicol. Environ. Saf., Volume 78, Page 9-13, Publication Year 2012 Year: 2012 Report No.: M-462170-01-1 GLP/GEP: n.a., published ... also filed: KCA 8.2.4.2 / 04	No	No		published
KCA 8.2.5.3 / 01	Heusel, R.; Gildemeister, H.; Gosch H.	1998	Chronic toxicity to the sediment dwelling chironomid larvae <i>Chironomus riparius</i> Deltamethrin 14C-labelled Code: AE F032640 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74315 Edition Number: M-152560-01-1 Date: 1998-04-06 GLP/GEP: Yes, unpublished ... also filed: KCA 8.2.8 / 03	No	Yes		Bayer

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KCA 8.2.5.4 / 01	Bruns, E.	2012	Chironomus riparius 28-day chronic toxicity test with deltamethrin (tech.) in a water-sediment system using spiked sediment Bayer Report No.: EBDAL036 Edition Number: M-425202-01-1 Date: 2012-02-08 GLP/GEP: Yes, unpublished	No	Yes	New study to complete the aquatic data package addressing sediment exposure	Bayer
KCA 8.2.5.4 / 02	Picard, C. R.	2013	Life-cycle toxicity test exposing midges (Chironomus dilutus) to deltamethrin applied to sediment under static-renewal conditions following EPA test methods Smithers Viscient, Wareham, MA, USA Bayer Report No.: 13798.6301 Edition Number: M-466314-01-1 Date: 2013-09-26 GLP/GEP: Yes, unpublished	No	Yes	Study conducted for US re-registration and is also relevant for the EU.	Bayer
KCA 8.2.6 / 01	Giddings, J. M.	1990	LX165-08 (deltamethrin technical): Toxicity to the freshwater green alga (Selenastrum capricornutum). Springborn Laboratories, Inc. (SLS), USA Bayer Report No.: A70904 Edition Number: M-149388-01-1 Date: 1990-04-11 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.2.6.2 / 01	Banman, C. S.; Shepherd, D. W.; Moore, S.	2013	Toxicity of deltamethrin technical to the freshwater diatom Navicula pelliculosa during a 96 hour exposure SynTech Research Laboratory Services, LLC, Stilwell, KS, USA Bayer Report No.: 7SRLS13C7 Edition Number: M-468384-01-1 Date: 2013-10-29 GLP/GEP: Yes, unpublished	No	Yes	Study conducted for US re-registration and is also relevant for the EU.	Bayer

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KCA 8.2.6.2 / 02	Banman, C. S.; Shepherd, D. W.; Moore, S.	2013	Toxicity of deltamethrin technical to the Cyanobacterium Anabaena flos-aquae during a 96 hour exposure SynTech Research Laboratory Services, LLC, Stilwell, KS, USA Bayer Report No.: 7SRLS13C38 Edition Number: M-468386-01-1 Date: 2013-10-29 GLP/GEP: Yes, unpublished	No	Yes	Study conducted for US re-registration and is also relevant for the EU.	Bayer
KCA 8.2.6.2 / 03	Banman, C. S.; Shepherd, D. W.; Moore, S.	2013	Toxicity of deltamethrin technical to the saltwater diatom Skeletonema costatum during a 96 hour exposure SynTech Research Laboratory Services, LLC, Stilwell, KS, USA Bayer Report No.: 7SRLS13C39 Edition Number: M-468465-01-1 Date: 2013-10-29 GLP/GEP: Yes, unpublished	No	Yes	Study conducted for US re-registration and is also relevant for the EU.	Bayer
KCA 8.2.7 / 01	Banman, C. S.; Howerton, J. H.; Moore, S.	2012	Toxicity of deltamethrin technical to duckweed (Lemna gibba G3) under static-renewal conditions Bayer Report No.: EBDAL089 Edition Number: M-439085-01-1 Date: 2012-10-03 GLP/GEP: Yes, unpublished	No	Yes	Study conducted for US re-registration and is also relevant for the EU.	Bayer
KCA 8.2.8 / 01	Muir, D. C. G.; Rawn, G. P.; Townsend, B. E.; Lockhart, W. L.; Greenhalgh, R.	1985	Bioconcentration of cypermethrin, deltamethrin, fenvalerate and permethrin by Chironomus tentans in sediment and water Journal: Environmental Toxicology and Chemistry Volume: 4 Pages: 51-61 Year: 1985 Report No.: A41920 Edition Number: M-124982-01-1 GLP/GEP: n.a., published ... also filed: KCA 7.2.2.3 / 02	No	No		published

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KCA 8.2.8 / 02		1985	Fate of the Pyrethroid Insecticide Deltamethrin in Small Ponds: A Mass Balance Study Publisher: American Chemical Society Journal: Journal of Agricultural and Food Chemistry Volume: 33 Pages: 603-609 Year: 1985 Report No.: A33111 Edition Number: M-113322-01-1 GLP/GEP: n.a., published ... also filed: KCA 8.2.2.3 / 03	Yes	No		published
KCA 8.2.8 / 03	Heusel, R.; Gildemeister, H.; Gosch H.	1998	Chronic toxicity to the sediment dwelling chironomid larvae Chironomus riparius Deltamethrin 14C-labelled Code: AE F032640 Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A74315 Edition Number: M-152560-01-1 Date: 1998-04-06 GLP/GEP: Yes, unpublished ... also filed: KCA 8.2.5.3 / 01	No	Yes		Bayer
KCA 8.2.8 / 04		2007	Influence of isolation on the recovery of pound mesocosms from the application of an insecticide I. Study design and planktonic community responses Publisher: SETAC Press Journal: Environ. Toxicol. Chem., Volume 26, Issue 6, Page 1265-1279, Publication Year 2007 Year: 2007 Report No.: Lit. 8832 Edition Number: M-294182-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 8.2.8 / 05	[REDACTED]	2007	Influence of isolation on the recovery of pond mesocosms from the application of an insecticide II. Benthic macroinvertebrate responses Publisher: SETAC Press Journal: Environ. Toxicol. Chem., Volume 26, Issue 6, Page 1280-1290, Publication Year 2007 Year: 2007 Report No.: Lit. 8833 Edition Number: M-294188-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 8.2.8 / 06	[REDACTED]	2019	Assessment of the potential risk to amphibians and reptiles after application of deltamethrin as plant protection product Bayer Report No.: M-646792-01-1 Date: 2019-01-18 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 8.2.8 / 07	[REDACTED]	2017	An interspecies correlation model to predict acute dermal toxicity of plant protection products to terrestrial life stages of amphibians using fish acute toxicity and bioconcentration data Publisher: Elsevier Journal: Chemosphere Volume: 189 Pages: 619-626 Year: 2017 Report No.: M-645423-01-1 Date: 2017-09-12 GLP/GEP: n.a., published	Yes	No		published
KCA 8.2.8 / 08	[REDACTED]	2018	Risk assessment considerations for plant protection products and terrestrial life-stages of amphibians Publisher: Elsevier Journal: Science of the Total Environment Volume: 636 Pages: 500-511 Year: 2018 Report No.: M-645427-01-1 GLP/GEP: n.a., published	Yes	No		published

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KCA 8.2.8 / 09	[REDACTED]	2002	Strategies for maintain pond-breeding amphibians on golf courses Publisher: USGA Journal: Turfgrass and Environmental Research Online Volume: 1 Issue: 20 Pages: 1-7 Year: 2002 Report No.: M-646165-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA 8.2.8 / 10	[REDACTED]	2018	An independent assessment of two microcosm studies conducted with deltamethrin, with ecological and practical context [REDACTED] Bayer Report No.: M-645035-01-1 Date: 2018-12-20 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 8.2.8 / 11	[REDACTED]	2019	Expert statement on the bioavailability of deltamethrin in two mesocosm studies [REDACTED] Bayer Report No.: M-646880-01-1 Date: 2019-01-17 GLP/GEP: n.a., unpublished	Yes	No		Bayer
KCA 8.3.1 / 01	Nengel, S.	1998	Assessment of side effects of AE F032640 00 EC03 B003 on the honey bee (Apis mellifera L.) in the field following application during bee-flight Arbeitsgemeinschaft GAB GmbH & IFU GmbH, Germany Bayer Report No.: C002768 Edition Number: M-185038-01-1 Date: 1998-11-16 GLP/GEP: Yes, unpublished ... also filed: KCA 8.3.1.1 / 03	No	Yes		Bayer

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KCA 8.3.1.1 / 01	Stevenson, J. H.	1978	The acute toxicity of unformulated pesticides to worker honey bees (<i>Apis mellifera</i> L.). Journal: Plant Pathology Volume: 27 Pages: 38-40 Year: 1978 Report No.: Lit. 4463 Edition Number: M-098831-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.3.1.1 / 02	Hoxter, K. A.; Lynn, S. P.	1991	Deltamethrin technical: An acute contact toxicity study with the honey bee Wildlife International, Ltd., Easton, MD, USA Bayer Report No.: A70896 Edition Number: M-149380-01-1 Date: 1991-08-06 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.3.1.1 / 03	Nengel, S.	1998	Assessment of side effects of AE F032640 00 EC03 B003 on the honey bee (<i>Apis mellifera</i> L.) in the field following application during bee-flight Arbeitsgemeinschaft GAB GmbH & IFU GmbH, Germany Bayer Report No.: C002768 Edition Number: M-185038-01-1 Date: 1998-11-16 GLP/GEP: Yes, unpublished ... also filed: KCA 8.3.1 / 01	No	Yes		Bayer
KCA 8.3.1.1.1 / 01	Anon.	1977	Acute toxicity of decamethrine to honey bees. Procida Roussel Uclaf, France Bayer Report No.: A72154 Edition Number: M-150494-01-2 Date: 1977-01-01 GLP/GEP: No, unpublished	No	No		Bayer

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KCA 8.3.1.1.1 / 02	Schmitzer, S.	2013	Effects of deltamethrin tech. (acute contact and oral) on honey bees (Apis mellifera L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer Report No.: 73581035 Edition Number: M-444971-01-1 Date: 2013-01-16 GLP/GEP: Yes, unpublished ... also filed: KCA 8.3.1.1.2 / 01	No	Yes	To fulfil updated guideline	Bayer
KCA 8.3.1.1.1 / 03	Waltersdorfer, A.	1996	Deltamethrin; Code: RU 22974 - Oral toxicity (LD 50) to honey bees (Apis mellifera L.) Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A56794 Edition Number: M-140579-01-1 Date: 1996-05-08 GLP/GEP: Yes, unpublished	No	Yes	Additional study for deltamethrin tech. to complete the bee data package	Bayer
KCA 8.3.1.1.2 / 01	Schmitzer, S.	2013	Effects of deltamethrin tech. (acute contact and oral) on honey bees (Apis mellifera L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer Report No.: 73581035 Edition Number: M-444971-01-1 Date: 2013-01-16 GLP/GEP: Yes, unpublished ... also filed: KCA 8.3.1.1.1 / 02	No	Yes	To fulfil updated guideline	Bayer
KCA 8.3.1.1.2 / 02	Waltersdorfer, A.	1996	Deltamethrin (Code: RU 22974): Contact toxicity (LD 50) to honey bees (Apis mellifera L.) Hoechst Schering AgrEvo GmbH, Frankfurt am Main, Germany Bayer Report No.: A71137 Edition Number: M-149608-01-1 Date: 1996-04-22 GLP/GEP: Yes, unpublished	No	Yes	Additional study for deltamethrin tech. to complete the bee data package	Bayer

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KCA 8.3.1.1.2 / 03	Kling, A.	2014	Deltamethrin (tech.): Acute contact toxicity to the bumble bee, <i>Bombus terrestris</i> L. under laboratory conditions Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S13-04467 Edition Number: M-477381-01-1 Date: 2014-02-03 GLP/GEP: Yes, unpublished	No	Yes	Detailed data base submitted to conduct a robust risk assessment	Bayer
KCA 8.3.1.2 / 01	Kling, A.	2014	Deltamethrin EW 15B G - Assessment of chronic effects to the honeybee, <i>Apis mellifera</i> L., in a 10 days continuous laboratory feeding test Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S13-00151 Edition Number: M-477250-01-1 Date: 2014-01-27 GLP/GEP: Yes, unpublished	No	Yes	Detailed data base submitted to conduct a robust risk assessment	Bayer
KCA 8.3.2 / 01	Brown, K. C.; Selby, K. A.	2000	An evaluation of the effects of field and drift rates of a 6 percent EG (emulsifiable granule) formulation of deltamethrin (AE F032640 00 EG06 A) on the epigeal non-target arthropod fauna in a cereal field in England Ecotox Limited, Tavistock, Devon, United Kingdom Bayer Report No.: C008877 Report includes Trial Nos.: KCB114 Edition Number: M-197880-01-1 Date: 2000-06-30 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.3.2 / 02	Aldershof, S.A.	2001	Evaluation effects of AE F032640 00 EC03 B007 applications on predatory mites (Acari: Phytoseiidae) and other non-target arthropods species in the field (apple orchards, Portugal) MITOX BV, Amsterdam, Netherlands Bayer Report No.: C014857 Edition Number: M-207424-01-1 Date: 2001-06-27 GLP/GEP: Yes, unpublished	No	Yes		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
KCA 8.3.2 / 03	Romijn, K.; Waltersdorfer, A.	2001	Evaluation and risks assessment on non-target arthropod species (including predatory mites) based on a field study in apple orchards Deltamethrin Code: AE F032640 00 EC03 B007 Aventis CropScience GmbH, Frankfurt am Main, Germany Bayer Report No.: C015965 Edition Number: M-201483-01-1 Date: 2001-09-17 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA 8.3.2 / 04		1976	Toxicity of DECAMETHRINE or Decis by Single Ingestion in Grey Partridge, <i>Perdix perdix</i> L. and Red Partridge, <i>Alectoris rufa</i> L. Bayer Report No.: A20234 Edition Number: M-149392-01-2 Date: 1976-09-28 GLP/GEP: No, unpublished	Yes	No		Bayer
KCA 8.3.2 / 05	Soubrier, G.	1995	Production of deltamethrin: Industrial measures to protect the environment. Roussel Uclaf Agrovet; Bayer Report No.: A72157 Edition Number: M-150497-01-1 Date: 1995-03-13 GLP/GEP: n.a., unpublished confidential	No	No		Bayer
KCA 8.3.2.1 / 01	Wientjes, J. C.	2000	A laboratory dose-response study to evaluate the effects of AE F032640 00 EW01 B103 on survival and reproduction of the parasitoid wasp <i>Aphidius rhopalosiphii</i> (DeStephani-Perez) (Hymenoptera: Braconidae) MITOX Stichting Bevordering Duurzame Plaaagbestrijding, Amsterdam, Netherlands Bayer Report No.: C009444 Edition Number: M-198587-01-1 Date: 2000-07-31 GLP/GEP: Yes, unpublished	No	Yes	Required for representative formulation. (Standard Tier 1 study)	Bayer

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KCA 8.3.2.1 / 02	Bardon, C.; Delpuech, J.; Bouletreau, M.	2005	Increase of the behavioral response to kairomones by the parasitoid wasp Leptopilina heterotoma surviving insecticides Journal: Arch. Environ. Contam. Toxicol., Volume 49, Issue 2, Page 186-191, Publication Year 2005 Year: 2005 Report No.: M-460858-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.3.2.1 / 03	Delpuech, J.; Delahaye, M.	2013	The sublethal effects of deltamethrin on Trichogramma behaviors during the exploitation of host patches. Journal: Sci. Total Environ., Volume 447, Page 274-279, Publication Year 2013 Year: 2013 Report No.: M-462302-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.3.2.1 / 04	Meilin, A.; Trisyono, Y. A.; Martono, E.; Buchori, D.	2012	The effects of deltamethrin applied at sublethal concentrations on the adults of Anagrus nilaparvatae (Hymenoptera: Mymaridae) Publisher: Asian Research Publishing Network Journal: Journal of Agricultural and Biological Science (2012) Volume 7, Number 12, pp. 1032-1037, 34 refs. ISSN: 1990-6145 Published by: Asian Research Publishing Network - ARPN, Islamabad URL: http://www.arnjournals.com/jabs/research_papers/rp_2012/jabs_1212_5 Year: 2012 Report No.: M-462184-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.3.2.1 / 05	Desneux, N.; Denoyelle, R.; Kaiser, L.	2006	A multi-step bioassay to assess the effect of the deltamethrin on the parasitic wasp Aphidius ervi Journal: Chemosphere, Volume 65, Issue 10, Page 1697-1706, Publication Year 2006 Year: 2006 Report No.: M-460882-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.3.2.1 / 06	Desneux, N.; Ramirez- Romero, R.; Kaiser, L.	2006	Multistep bioassay to predict recolonization potential of emerging parasitoids after a pesticide treatment Journal: Environ. Toxicol. Chem., Volume 25, Issue 10, Page 2675-2682, Publication Year 2006 Year: 2006 Report No.: M-460881-01-1 GLP/GEP: n.a., published	No	No		published

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 8.3.2.1 / 07	Desneux, N.; Wajnberg, E.; Fauvergue, X.; Privet, S.; Kaiser, L.	2004	Oviposition behaviour and patch-time allocation in two aphid parasitoids exposed to deltamethrin residues Journal: Entomol. Exp. Appl., Volume 112, Issue 3, Page 227-235, Publication Year 2004 Year: 2004 Report No.: M-460857-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.3.2.2 / 01	Aldershof, S.	2010	A laboratory dose-response study to evaluate the effects of Deltamethrin EW 15 g/L on survival of the predaceous mite Typhlodromus pyri Scheuten (Acari: Phytoseiidae) on glass MITOX Consultants, Amsterdam, Netherlands Bayer Report No.: B156TPL Edition Number: M-387027-01-1 Date: 2010-07-26 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for non target arthropods using the current representative formulation	Bayer
KCA 8.4 / 01	Hoxter, K. A.; Smith, G. J.	1993	Deltamethrin technical: An acute toxicity study with the earthworm in an artificial soil substrate. Final report Wildlife International, Ltd., Easton, MD, USA Bayer Report No.: A50956 Edition Number: M-131941-01-1 Date: 1993-05-17 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.4 / 02	Frings, H.; Bock, K. D.	1994	Deltamethrin; technical substance (Hoe 032640 00 ZD99 0001): Investigating the effect on the microbial activity in soil (short-term effects on aerobic soil respiration in accordance with BBA, VI, 1-1, 2nd edition) Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A52240 Edition Number: M-133032-01-2 Date: 1994-02-18 GLP/GEP: Yes, unpublished	No	Yes		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.4 / 03	Hackenberger, B.; Velki, M.	2013	Different Sensitivities of Biomarker Responses in Two Epigeic Earthworm Species After Exposure to Pyrethroid and Organophosphate Insecticides Publisher: Springer Science+Business Media Journal: Archives of Environmental Contamination and Toxicology Ahead of Print Year: 2013 Report No.: M-466808-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.4.1 / 01	Friedrich, S.	2011	Br2CA (Metabolite of deltamethrin, AE F108565): Sublethal toxicity to the earthworm Eisenia fetida in artificial soil with 5 percent peat BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 102 S Edition Number: M-403733-01-1 Date: 2011-03-15 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.1 / 02	Friedrich, S.	2011	mPBacid (Metabolite of deltamethrin, AE F109036): sublethal toxicity to the earthworm Eisenia fetida in artificial soil with 5 percent peat BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 099 S Edition Number: M-402952-01-1 Date: 2011-02-28 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.1 / 03	Kratz, M. A.	2012	Deltamethrin EW 15A G: Effects on survival, growth and reproduction on the earthworm Eisenia fetida tested in artificial soil with 5 % peat Bayer Report No.: KRA-RG-R-108/11 Edition Number: M-426439-01-1 Date: 2012-03-05 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.1 / 04	Oberdoerster, S.; Frommholz, U.	2018	Statistical re-evaluation (non-glp) of several soil studies with deltamethrin and the metabolite Br2CA using the probit analysis Bayer Report No.: M-643924-01-1 Date: 2018-11-19 GLP/GEP: n.a., unpublished	No	No		Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.4.2 / 01	Schulz, L.	2011	Br2CA (Metabolite of deltamethrin, AE F108565): Effects on the reproduction of the predatory mite Hypoaspis aculeifer BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 104 S Edition Number: M-400275-01-1 Date: 2011-01-19 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.2 / 02	Schulz, L.	2011	mPBacid (Metabolite of deltamethrin, AE F109036): Effects on the reproduction of the predatory mite Hypoaspis aculeifer BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 101 S Edition Number: M-400270-01-1 Date: 2011-01-19 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.2 / 03	Friedrich, S.	2010	Br2CA (Metabolite of deltamethrin, AE F108565): Effects on the reproduction of the collembolans Folsomia candida BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 103 S Edition Number: M-398826-01-1 Date: 2010-12-20 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.2 / 04	Friedrich, S.	2010	mPBacid (Metabolite of deltamethrin, AE F109036): Effects on the reproduction of the collembolans Folsomia candida BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 100 S Edition Number: M-398820-01-1 Date: 2010-12-20 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer



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KCA 8.4.2 / 05	Kratz, M. A.	2010	Deltamethrin EW 15A G: Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil with 5 percent peat Bayer Report No.: KRA-HR-39/10 Edition Number: M-393654-01-1 Date: 2010-10-26 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.2 / 06	Frommholz, U.	2010	Deltamethrin EW 15A G: Influence on the reproduction of the collembolan species Folsomia candida tested in artificial soil. Bayer Report No.: FRM-COLL-102/10 Edition Number: M-397993-01-1 Date: 2010-12-16 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil organisms	Bayer
KCA 8.4.2 / 07	Griffiths, B. S.; Caul, S.; Thompson, J.; Birch, A. N. E.; Scrimgeour, C.; Cortet, J.; Foggo, A.; Hackett, C. A.; Krogh, P. H.	2006	Soil microbial and faunal community responses to Bt maize and insecticide in two soils Journal: J. Environ. Qual., Volume 35, Issue 3, Page 734-741, Publication Year 2006 Year: 2006 Report No.: M-460894-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.4.2 / 08	Negrisoli, A. S.; Garcia, M. S.; Barbosa Negrisoli, C. R. C.	2010	Compatibility of entomopathogenic nematodes (Nematoda: Rhabditida) with registered insecticides for Spodoptera frugiperda (Smith, 1797) (Lepidoptera: Noctuidae) under laboratory conditions Publisher: Elsevier Ltd. Journal: Crop protection, 2010 June Vol. 29, no. 6 p. 545-549 Year: 2010 Report No.: M-461809-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.4.2 / 09	Mochi, D. A.; Monteiro, A. C.; Barbosa, J. C.	2005	Action of pesticides to Metarhizium anisopliae in soil Journal: Neotrop. Entomol., Volume 34, Issue 6, Page 961-971, Publication Year 2005 Year: 2005 Report No.: M-460907-01-1 GLP/GEP: n.a., published	No	No		published

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 8.4.2 / 10	Shi, Y.; Shi, Y.; Wang, X.; Lu, Y.; Yan, S.	2007	Comparative effects of lindane and deltamethrin on mortality, growth, and cellulase activity in earthworms (<i>Eisenia fetida</i>) Journal: Pestic. Biochem. Physiol., Volume 89, Issue 1, Page 31-38, Publication Year 2007 Year: 2007 Report No.: M-460908-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.4.2 / 11	Owojore, O.; Roembke, J.; Waszak, K.	2013	Avoidance and reproduction tests with the predatory mite <i>Hypoaspis aculeifer</i> : Effects of different chemical substances Publisher: SETAC Journal: Environmental Toxicology and Chemistry / SETAC, (2013 Oct 9) . Electronic Publication Date: 9 Oct 2013 Year: 2013 Report No.: M-469671-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.5 / 01	Frings, H.; Bock, K. D.	1994	Deltamethrin; technical substance (Hoe 032640 00 ZD99 0001) - Investigating the effect on the nitrogen cycle in soil (in accordance with BBA, VI, 1-1 2nd edition) Hoechst AG, Frankfurt am Main, Germany Bayer Report No.: A52241 Edition Number: M-133031-01-2 Date: 1994-02-21 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA 8.5 / 02	Schulz, L.	2011	Br2CA (Metabolite of deltamethrin, AE F108565): Effects on the activity of soil microflora (nitrogen transformation test) BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 077 N Edition Number: M-400292-01-1 Date: 2011-01-21 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil microorganisms	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.5 / 03	Schulz, L.	2011	mPBacid (Metabolite of deltamethrin, AE F109036): Effects on the activity of soil microflora (nitrogen transformation test) BioChem agrar GmbH, Gerichshain, Germany Bayer Report No.: 10 10 48 076 N Edition Number: M-400287-01-1 Date: 2011-01-21 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for soil microorganisms	Bayer
KCA 8.5 / 04	Kolesnikov, S.; Kazeev, K.; Borovikova, L.; Loseva, E.	2011	Effect of contamination with currently used pesticides on the biological activity ordinary in chernozem. Journal: Agrokimiya, Issue 11, Page 39-44, Publication Year 2010 Year: 2010 Report No.: M-462161-01-2 GLP/GEP: n.a., published	No	No		published
KCA 8.5 / 05	Munoz-Leoz, B.; Garbisu, C.; Antiguedad, I.; Alonso, M. L.; Alonso, R. M.; Ruiz-Romera, E.	2009	Deltamethrin degradation and soil microbial activity in a riparian wetland soil Journal: Soil Sci., Volume 174, Issue 4, Page 220-228, Publication Year 2009 Year: 2009 Report No.: M-460927-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.5 / 06	Madakka, M.; Rangaswamy, V.	2009	Effect of pesticides and insecticide combinations on Azospirillum sp. in groundnut soils Journal: Pollut. Res., Volume 28, Issue 1, Page 105-109, Publication Year 2009 Year: 2009 Report No.: M-461209-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.5 / 07	Zayed, S.; Farghaly, M.; Soliman, S.	2013	Deltamethrin degradation and effects on soil microbial activity. Journal: J. Environ. Sci. Health, Part B, Volume 48, Issue 7, Page 575-581, Publication Year 2013 Year: 2013 Report No.: M-462470-01-1 GLP/GEP: n.a., published	No	No		published

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 8.5 / 08	Mohiddin, G.; Srinivasulu, M.; Madakka, M.; Rangaswamy, V.; Madari, B.	2011	Effect of pesticides on microbial diversity and urease in groundnut (Arachis hypogaea L.) soil. Publisher: Global Science Books Location: http://www.globalsciencebooks.info Journal: Dynamic Soil, Dynamic Plant; Special Issue: Soil organic matter: Brazilian perspectives. Volume: 5 Issue: 1 Pages: 75-82 Year: 2011 Report No.: M-476820-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.5 / 09	Ruiz-Romera, E.; Munoz-Leoz, B.; Garbisu, C.; Antiguedad, I.	2012	Fertilization can modify the non-target effects of pesticides on soil microbial communities. Journal: Soil Biol. Biochem., Volume 48, Page 125-134, Publication Year 2012 Year: 2012 Report No.: M-458656-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.5 / 10	Madakka, M.; Mohiddin, G. J.; Srinivasulu, M.; Rangaswamy, V.	2011	Influence of pesticides, alone and in combination, on phosphatase activity in soils of groundnut (Arachis hypogaea L.) fields Publisher: Global Science Book Journal: Dynamic soil, dynamic plant Volume: 5 Issue: 1 Pages: 70-74 Year: 2011 Report No.: M-463427-01-1 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.5 / 11	Fatu, C.; Sorin, S.; Fatu, V.; Andrei, A. M.	2011	Laboratory study of biological interaction between entomopathogenic fungi <i>Beauveria bassiana</i> (Bals.) Vuill. and some pesticides used in integrated plant protection systems Publisher: Faculty of Agriculture, University of Craiova, Craiova Journal: Annals of the University of Craiova - Agriculture, Montanology, Cadastre Volume: 41 Issue: 2 Pages: 154-161 Year: 2011 Report No.: M-462287-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.5 / 12	Ruiz-Romera, E.; Antigüedad, I.; Garbisu, C.; Munoz-Leoz, B.; Charcosset, J.; Sanchez-Perez, J.	2013	Non-target effects of three formulated pesticides on microbially-mediated processes in a clay-loam soil. Journal: Sci. Total Environ., Volume 449, Page 345-354, Publication Year 2013 Year: 2013 Report No.: M-462303-01-1 GLP/GEP: n.a., published	No	No		published
KCA 8.6.2 / 01	Peterek, S.	2011	Deltamethrin EW 15A G: Vegetative vigour limit test for non target plants on eleven plant species Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-02921 Report includes Trial Nos.: S10-02921-L1 Edition Number: M-402931-01-1 Date: 2011-02-17 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for non target plants	Bayer

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA 8.6.2 / 02	Peterek, S.	2011	Deltamethrin EW 15A G: Seedling emergence test for non target plants on eleven plant species Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer Report No.: S10-02920 Report includes Trial Nos.: S10-02920-L1 Edition Number: M-403202-01-1 Date: 2011-02-17 GLP/GEP: Yes, unpublished	No	Yes	Conducted to complete the risk assessment for non target plants	Bayer
KCA 8.8 / 01	Hertl, J.	2001	Toxicity of AE F032640 deltamethrin, substance technical Code: AE F032640 00 1D99 0007 to activated sludge in a respiration test IBACON GmbH, Rossdorf, Germany Bayer Report No.: C012186 Edition Number: M-202236-01-1 Date: 2001-03-26 GLP/GEP: Yes, unpublished	No	Yes		Bayer
KCA Section 9 / 01		2015	Pyrethroid insecticide exposure and cognitive developmental disabilities in children: The PELAGIE mother-child cohort Publisher: Elsevier Journal: Environment International Volume: 82 Pages: 69-75 Year: 2015 Report No.: M-530835-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA Section 9 / 02		2015	Deltamethrin: Pyrethroid insecticide exposure and cognitive developmental disabilities in children Bayer Report No.: M-530837-01-1 Date: 2015-07-30 GLP/GEP: n.a., unpublished	Yes	No		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
KCA Section 9 / 03	Lasserre-Bigot, D.; Radix, P.	2016	Deltamethrin - Statement on the questions from UK-CRD about the literature search conducted in the frame of AIR process Bayer Report No.: M-587544-01-1 Date: 2016-04-26 GLP/GEP: n.a., unpublished	No	No		Bayer
KCA Section 9 / 04	Amweg, E.; Weston, D.; Ureda, N.	2011	Use and toxicity of pyrethroid pesticides in the Central Valley, California, USA. Journal: Environ. Toxicol. Chem., Volume 24, Issue 4, Page 966-972, Publication Year 2005 Year: 2005 Report No.: M-460871-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 05	Amweg, E. L.; Weston, D. P.; Ureda, N. M.	2011	Use and toxicity of pyrethroid pesticides in the Central Valley, California, USA. [Erratum to document cited in CA142:331064]. Journal: Environ. Toxicol. Chem., Volume 24, Issue 5, Page 1300-1301, Publication Year 2005 Year: 2005 Report No.: M-460873-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 06	Bonafos, R.; Serrano, E.; Vigues, V.; Auger, P.; Kreiter, S.	2005	When typhlodromes show resistance: Typhlodromus pyri, Amblyseius andersoni, what about deltamethrin, lambda-cyhalothrin and ethyl-chlorpyrifos. Les typhlodromes resistant: des populations de T. pyri et d'A. andersoni confrontées à la deltaméthrine, à la lambda-cyhalothrine et au chlorpyrifos-éthyl Publisher: Ruralia, Paris Journal: Phytoma Volume: 579 Pages: 54-56 Year: 2005 Report No.: M-558070-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 07	Chauzat, M. P.; Faucon, J. P.	2007	Honeybees, beeswax and pesticides Journal: Phytoma, Volume 608, Page 8-12, Publication Year 2007 Year: 2007 Report No.: M-460925-01-2 GLP/GEP: n.a., published	No	No		published

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Verte-brate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KCA Section 9 / 08	Decourtye, A.; Devillers, J.; Cluzeau, S.; Charreton, M.; Pham-Delègue, M. H.	2003	Effects of imidacloprid and deltamethrin on associative learning in honeybees under semi-field and laboratory conditions Publisher: Elsevier Inc Journal: Ecotoxicology and environmental safety, (2004 Mar) Vol. 57, No. 3, pp. 410-9. Year: 2004 Report No.: Lit. 1387 Edition Number: M-387680-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 09	Aydin, R.; Koprucu, K.	2011	The toxic effects of pyrethroid deltamethrin on the common carp (Cyprinus carpio L.) embryos and larvae. Journal: Pestic. Biochem. Physiol., Volume 80, Issue 1, Page 47-53, Publication Year 2004 Year: 2004 Report No.: M-460853-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 10	Chen, J.; Wu, J.; Peng, W.; Luo, S.; An, J.; Yang, W.	2011	Evaluation oral toxicity of four pyrethroids pesticides to Bombus hypocrita. Journal: Nongyao, Volume 48, Issue 12, Page 909-911, Publication Year 2009 Year: 2009 Report No.: M-461228-01-2 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 11	Palagesiu, I.; Moise, D.	2011	Researches concerning the toxicity of some insecticides towards the polinating bees from alfaalfa cultivations. Journal: Research Journal of Agricultural Science (2009) Volume 41, Number 1, pp. 259-262, 7 refs. ISSN: 2066-1843 Published by: Agroprint, Timisoara Conference: Symposium on Trends in European Agriculture Development, Volume 1. URL: http://biblios.usab-tm.ro Year: 2009 Report No.: M-461222-01-1 GLP/GEP: n.a., published	No	No		published

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 Section 9 / 12	Moncharmont, F. X. D.; Decourtye, A.; Hennequet-Hantier, C.; Pons, O.; Pham-Delegue, M. H.	2003	Statistical analysis of honeybee survival after chronic exposure to insecticides Publisher: SETAC Press Journal: Environ. Toxicol. Chem., Volume 22, Issue 12, Page 3088-3094, Publication Year 2003 Year: 2003 Report No.: Lit. 9697 Edition Number: M-387675-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 13	Widenfalk, A.; Svensson, J.; Goedkoop, W.	2011	Effects of the pesticides captan, deltamethrin, isoproturon, and pirimicarb on the microbial community of a freshwater sediment. Journal: Environ. Toxicol. Chem., Volume 23, Issue 8, Page 1920-1927, Publication Year 2004 Year: 2004 Report No.: M-460852-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 9 / 14	[REDACTED]	1982	Pyrethroid toxicology: Mouse intracerebral structure-toxicity relationships. Journal: Pesticide Biochemistry and Physiology Volume: 18 Pages: 9;14 Year: 1982 Report No.: A45022 Edition Number: M-128941-01-1 GLP/GEP: n.a., published	Yes	No		published
KCA Section 9 / 15	[REDACTED]	2002	Mechanisms of pyrethroid neurotoxicity: implications for cumulative risk assessment Publisher: Elsevier Science Ireland Ltd. Location: Ireland Journal: Toxicology Volume: 171 Issue: 2002 Pages: 3-59 Year: 2002 Report No.: MO-02-002228 Edition Number: M-075272-02-1 GLP/GEP: n.a., published	Yes	No		published

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 Section 9 / 16	Gao, Z.; Green, J. W.; Vanderborght, J.; Schmitt, W.	2011	Improving uncertainty analysis in kinetic evaluations using iteratively reweighted least squares Location: Environmental Toxicology and Chemistry Journal: SETAC Pages: 9 Year: 2011 Report No.: M-412972-01-1 GLP/GEP: n.a., published	No	No		published
KCA Section 10 / 01	Anon.	2014	Deltamethrin technical Bayer Report No.: M-413057-03-1 Date: 2014-02-25 GLP/GEP: n.a., unpublished ... also filed: KCA 3.10 / 02 KCA 3.8 / 02	No	No		Bayer

Flupyradifurone

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
KIIA 2.1.1 /01	Smeykal, H.	2010	BYI 02960, pure substance: Melting point, boiling point, thermal stability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20090051.01, Edition Number: M-367370-01-1 Date: 2010-03-25 GLP/GEP: yes, unpublished ...also filed: KIIA 2.1.2 /01 ...also filed: KIIA 2.1.3 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.1.1 /02	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: Melting point, boiling point, thermal stability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.01, Edition Number: M-414242-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished ...also filed: KIIA 2.1.2 /02 ...also filed: KIIA 2.1.3 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going).	Bayer
KIIA 2.1.2 /01	Smeykal, H.	2010	BYI 02960, pure substance: Melting point, boiling point, thermal stability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20090051.01, Edition Number: M-367370-01-1 Date: 2010-03-25 GLP/GEP: yes, unpublished ...also filed: KIIA 2.1.1 /01 ...also filed: KIIA 2.1.3 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 2.1.2 /02	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: Melting point, boiling point, thermal stability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.01, Edition Number: M-414242-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished ...also filed: KIIA 2.1.1 /02 ...also filed: KIIA 2.1.3 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.1.3 /01	Smeykal, H.	2010	BYI 02960, pure substance: Melting point, boiling point, thermal stability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20090051.01, Edition Number: M-367370-01-1 Date: 2010-03-25 GLP/GEP: yes, unpublished ...also filed: KIIA 2.1.1 /01 ...also filed: KIIA 2.1.2 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.1.3 /02	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: Melting point, boiling point, thermal stability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.01, Edition Number: M-414242-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished ...also filed: KIIA 2.1.1 /02 ...also filed: KIIA 2.1.2 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.11.1 /01	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: flammability (solids) Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.03, Edition Number: M-414249-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 2.11.2 /01	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: auto-flammability Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.05, Edition Number: M-414252-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.11.2 /02	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: autoflammability (UN Bowes Cameron Cage Test) Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.07, Edition Number: M-414257-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.13 /01	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: explosive properties Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.04, Edition Number: M-414250-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.14 /01	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), technical substance : Determination of the surface tension Bayer CropScience, Report No.: PA11/065, Edition Number: M-414086-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 2.15 /01	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: oxidizing properties Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.06, Edition Number: M-414253-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.16 /01	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), pure substance: Determination of the pH-value in distilled water Bayer CropScience, Report No.: PA09/007, Edition Number: M-412128-01-1 Date: 2011-08-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.16 /02	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), technical substance : Determination of the pH-value in distilled water Bayer CropScience, Report No.: PA11/064, Edition Number: M-414084-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.17.1 /01	Wagner, S.	2011	Chemical storage stability of BYI 02960 - Flupyradifurone (BYI 02960) Bayer CropScience, Report No.: 15-155-2438, Edition Number: M-411305-01-1 Date: 2011-07-19 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 2.17.2 /01	Wagner, S.	2011	Stability to normal and elevated temperature, metals, and metal ions and corrosion characteristics to plastic containers of flupyradifurone (BYI 02960) according to OPPTS 830.6313 and 830.6320 Bayer CropScience, Report No.: 15-160-2527, Edition Number: M-413798-01-1 Date: 2011-09-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.18 /01	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), technical substance : The oxidation or reduction properties Bayer CropScience, Report No.: PA11/066, Edition Number: M-414080-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.18 /02	Petrovic, P.	2011	Flupyradifurone (BYI 02960), technical substance: Complex formation ability in water Allessa Chemie GmbH, Frankfurt am Main, Germany Bayer CropScience, Report No.: B 015/2011, Edition Number: M-414563-01-1 Date: 2011-09-21 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.18 /03	Smeykal, H.	2011	Flupyradifurone (BYI 02960), technical substance: Particle size distribution Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110197.02, Edition Number: M-414246-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 2.2 /01	Bogdoll, B.; Strunk, B.	2011	Flupyradifurone (BYI 02960), pure substance: Relative density Bayer CropScience, Report No.: PA09/006, Edition Number: M-412635-01-1 Date: 2011-08-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.2 /02	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), technical substance : Relative density Bayer CropScience, Report No.: PA11/063, Edition Number: M-414075-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.3.1 /01	Smeykal, H.	2008	BYI 02960, pure substance: Vapour pressure - Final report Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20080615.01, Edition Number: M-309853-01-1 Date: 2008-10-10 GLP/GEP: yes, unpublished ...also filed: KIIA 7.4.9 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.4.1 /01	Bogdoll, B.; Strunk, B.	2011	Flupyradifurone (BYI 02960), pure substance - Physical characteristics colour, physical state and odour Bayer CropScience, Report No.: PA09/008, Edition Number: M-412655-01-1 Date: 2011-08-18 GLP/GEP: yes, unpublished ...also filed: KIIA 2.4.2 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 2.4.1 /02	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), technical substance: Physical characteristics colour, physical state and odour Bayer CropScience, Report No.: PA11/062, Edition Number: M-414072-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished ...also filed: KIIA 2.4.2 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.4.2 /01	Bogdoll, B.; Strunk, B.	2011	Flupyradifurone (BYI 02960), pure substance - Physical characteristics colour, physical state and odour Bayer CropScience, Report No.: PA09/008, Edition Number: M-412655-01-1 Date: 2011-08-18 GLP/GEP: yes, unpublished ...also filed: KIIA 2.4.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.4.2 /02	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), technical substance: Physical characteristics colour, physical state and odour Bayer CropScience, Report No.: PA11/062, Edition Number: M-414072-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished ...also filed: KIIA 2.4.1 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.5.1.1 /01	Peters; S.	2009	Spectral data set of BYI 02960 a.i. - Reference material Bayer CropScience, Report No.: 15-600-2439, Edition Number: M-345761-01-1 Date: 2009-04-07 GLP/GEP: yes, unpublished ...also filed: KIIA 2.5.1.2 /01 ...also filed: KIIA 2.5.1.3 /01 ...also filed: KIIA 2.5.1.4 /01 ...also filed: KIIA 2.5.1.5 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 2.5.1.2 /01	Peters; S.	2009	Spectral data set of BYI 02960 a.i. - Reference material Bayer CropScience, Report No.: 15-600-2439, Edition Number: M-345761-01-1 Date: 2009-04-07 GLP/GEP: yes, unpublished ...also filed: KIIA 2.5.1.1 /01 ...also filed: KIIA 2.5.1.3 /01 ...also filed: KIIA 2.5.1.4 /01 ...also filed: KIIA 2.5.1.5 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.5.1.3 /01	Peters; S.	2009	Spectral data set of BYI 02960 a.i. - Reference material Bayer CropScience, Report No.: 15-600-2439, Edition Number: M-345761-01-1 Date: 2009-04-07 GLP/GEP: yes, unpublished ...also filed: KIIA 2.5.1.1 /01 ...also filed: KIIA 2.5.1.2 /01 ...also filed: KIIA 2.5.1.4 /01 ...also filed: KIIA 2.5.1.5 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.5.1.4 /01	Peters; S.	2009	Spectral data set of BYI 02960 a.i. - Reference material Bayer CropScience, Report No.: 15-600-2439, Edition Number: M-345761-01-1 Date: 2009-04-07 GLP/GEP: yes, unpublished ...also filed: KIIA 2.5.1.1 /01 ...also filed: KIIA 2.5.1.2 /01 ...also filed: KIIA 2.5.1.3 /01 ...also filed: KIIA 2.5.1.5 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

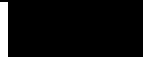

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KIIA 2.5.1.5 /01	Peters; S.	2009	Spectral data set of BYI 02960 a.i. - Reference material Bayer CropScience, Report No.: 15-600-2439, Edition Number: M-345761-01-1 Date: 2009-04-07 GLP/GEP: yes, unpublished ...also filed: KIIA 2.5.1.1 /01 ...also filed: KIIA 2.5.1.2 /01 ...also filed: KIIA 2.5.1.3 /01 ...also filed: KIIA 2.5.1.4 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.6 /01	Wiche, A.; Bogdoll, B.	2011	BYI 02960, pure substance: Solubility in distilled water (pH 7), at pH 4 and pH 9 (flask method) Bayer CropScience, Report No.: PA09/003, Edition Number: M-409513-01-1 Date: 2011-06-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.7 /01	Eyrich, U.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960): Solubility in organic solvents Bayer CropScience, Report No.: PA09/005, Edition Number: M-414064-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.8.1 /01	Bogdoll, B.; Strunk, B.	2011	Flupyradifurone (BYI 02960), pure substance: Partition coefficient 1-octanol / water at pH 4, pH 7 and pH 9 (HPLC-method) Bayer CropScience, Report No.: PA09/004, Edition Number: M-414485-01-1 Date: 2011-09-26 GLP/GEP: yes, unpublished ...also filed: KIIA 2.8.2 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 2.8.2 /01	Bogdoll, B.; Strunk, B.	2011	Flupyradifurone (BYI 02960), pure substance: Partition coefficient 1-octanol / water at pH 4, pH 7 and pH 9 (HPLC-method) Bayer CropScience, Report No.: PA09/004, Edition Number: M-414485-01-1 Date: 2011-09-26 GLP/GEP: yes, unpublished ...also filed: KIIA 2.8.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.9.1 /01	Mislankar, S.; Woodard, D.	2011	BYI-02960: Hydrolytic degradation Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP019, Edition Number: M-398952-01-1 Date: 2011-01-07 GLP/GEP: yes, unpublished ...also filed: KIIA 7.5 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.9.2 /01	Hall, L. R.	2011	Phototransformation of [¹⁴ C]BYI 02960 in aqueous pH 7 buffer - amended report Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP042-1, Edition Number: M-418426-02-1 Date: 2011-11-28 ...Amended: 2012-03-05 GLP/GEP: yes, unpublished ...also filed: KIIA 2.9.4 /01 ...also filed: KIIA 7.6 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 2.9.3 /01	Heinemann, O.	2011	BYI 02960: Determination of the quantum yield and assessment of the environmental half-life of the direct photo-degradation in water Bayer CropScience, Report No.: MEF-11/554, Edition Number: M-414756-01-2 EPA MRID No.: 48843668 Date: 2011-09-26 GLP/GEP: yes, unpublished ...also filed: KIIA 2.9.4 /02 ...also filed: KIIA 7.6 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.9.4 /01	Hall, L. R.	2011	Phototransformation of [14C]BYI 02960 in aqueous pH 7 buffer - amended report Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP042-1, Edition Number: M-418426-02-1 Date: 2011-11-28 ...Amended: 2012-03-05 GLP/GEP: yes, unpublished ...also filed: KIIA 2.9.2 /01 ...also filed: KIIA 7.6 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 2.9.4 /02	Heinemann, O.	2011	BYI 02960: Determination of the quantum yield and assessment of the environmental half-life of the direct photo-degradation in water Bayer CropScience, Report No.: MEF-11/554, Edition Number: M-414756-01-2 EPA MRID No.: 48843668 Date: 2011-09-26 GLP/GEP: yes, unpublished ...also filed: KIIA 2.9.3 /01 ...also filed: KIIA 7.6 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 2.9.5 /01	Wiche, A.; Bogdoll, B.	2011	Flupyradifurone (BYI 02960), pure substance : Dissociation constant in water Bayer CropScience, Report No.: PA10/048, Edition Number: M-414102-01-1 Date: 2011-09-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.2.1 /02	Wagner, S.	2011	Validation of AM008809MP1 - Flupyradifurone (BYI 02960) - Determination of technical grade active substance HPLC - ISTD Bayer CropScience, Report No.: VB1-AM008809MP1, Edition Number: M-409002-01-1 Date: 2011-06-06 GLP/GEP: no, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /01	Schulte, G.; Bauer, J.	2012	Analytical method 01330 for the determination of residues of BYI 02960 and its metabolite difluoroacetic acid in/on plant matrix by HPLC-MS/MS - Enforcement method plant Bayer CropScience, Report No.: 01330, Edition Number: M-425848-01-1 Method Report No.: 01330 Date: 2012-02-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /02	Konrad, S.	2012	Independent lab validation of BCS method 01330 for the determination of residues of BYI 02960 and its metabolite difluoroacetic acid in/on plant matrices by HPLC-MS/MS Currenta GmbH & Co. OHG, Leverkusen, Germany Bayer CropScience, Report No.: 2011/0134/01, Edition Number: M-427133-01-1 Method Report No.: 2011/0134/01 EPA MRID No.: 48843818 Date: 2012-02-28 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 4.3 /03	Li, Y.; Schoening, R.	2011	Amendment No. 1 - Validation of Bayer CropScience method RV-001-P10-02 - An analytical method for the determination of residues of BYI 02960, 6-chloronicotinic acid, difluoroacetic acid, and difluoroethyl-amino-furanone in plant matrices using LC/MS/MS Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVP013, Edition Number: M-415504-02-1 Method Report No US: RARVP013 Date: 2011-10-12 ...Amended: 2012-01-11 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /04	Justus, K.	2011	Extraction efficiency testing of the residue analytical method RV-001-P10-02 for the determination of BYI 02960, 6-chloronicotinic acid, difluoroacetic acid and difluoroethyl-amino-furanone in plant matrices using aged radioactive residues Bayer CropScience, Report No.: MEF-11/793, Edition Number: M-419323-01-1 EPA MRID No.: 48843821 Date: 2011-12-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /05	Rosati, D.	2012	Analytical method no 01212 for the determination of residues of BYI 02960 and its metabolites BCS-AA56716 (DFA), AE F161089 (6CNA) and BCS-CC98193 (furanone) in/on plant material by HPLC-MS/MS Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 01212, Edition Number: M-428017-01-1 Method Report No.: MR-10/174 Date: 2012-03-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 4.3 /06	Schulte, G.; Bauer, J.	2012	Analytical method 01214 for the determination of residues of BYI 02960 and its metabolite difluoroacetic acid in/on animal matrices by HPLC-MS/MS - Enforcement method animal Bayer CropScience, Report No.: 01214, Edition Number: M-425837-01-1 Method Report No.: 01214 EPA MRID No.: 48843825 Date: 2012-02-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /07	Konrad, S.	2012	Independent lab validation of BCS method 01214 for the determination of residues of BYI 02960 and its metabolite difluoroacetic acid in/on animal matrices by HPLC-MS/MS Currenta GmbH & Co. OHG, Leverkusen, Germany Bayer CropScience, Report No.: 2011/0164/01, Edition Number: M-427160-01-1 Method Report No.: 2011/0164/01 EPA MRID No.: 48843826 Date: 2012-02-28 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /08		2012	BYI 02960 - Magnitude of the residue in dairy cows - Amended report  Bayer CropScience, Report No.: RARVP050-1, Edition Number: M-428416-02-1 EPA MRID No.: 48843842 Date: 2012-04-03 ...Amended: 2012-05-31 GLP/GEP: yes, unpublished ...also filed: KIIA 6.1.1 /02 ...also filed: KIIA 6.4.2 /01	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 4.3 /09	[REDACTED]	2012	BYI 02960 - Magnitude of the residue in laying hens [REDACTED] Bayer CropScience, Report No.: RARVP041, Edition Number: M-428933-01-1 Date: 2012-04-05 GLP/GEP: yes, unpublished ...also filed: KIIA 6.4.1 /01	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /10	Schulte, G.; Teubner, L.	2012	Modification M001 of the analytical method 01330 for the determination of residues of BYI 02960 and its metabolite difluoroacetic acid in/on plant matrix by HPLC-MS/MS-Enforcement method plant Bayer CropScience, Report No.: MR-12/054, Edition Number: M-438310-01-1 Date: 2012-09-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.3 /11	Konrad, S.	2012	Independent lab validation of BCS method 01330/M001 for the determination of residues of BYI 02960 and its metabolite difluoroacetic acid in/on plant matrices by HPLC-MS/MS Currenta GmbH & Co. OHG, Leverkusen, Germany Bayer CropScience, Report No.: 01330/M001, Edition Number: M-439855-01-1 Date: 2012-10-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.4 /01	Brumhard, B.: Reineke, A.	2009	Analytical method 01074 for the determination of BYI 02960 in soil using LC/MS/MS Bayer CropScience, Report No.: 01074, Edition Number: M-337752-01-1 Method Report No.: MR-07/337 Date: 2009-02-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 4.5 /01	Fargeix, G.; Rosati, D.	2012	Analytical method no 01213 for the determination of residues of BYI 02960 in drinking and surface water by HPLC-MS/MS Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 01213, Edition Number: M-428019-01-1 Method Report No.: MR-12/022 Date: 2012-03-29 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 4.7 /01	Heinz, N.	2011	BYI 02960: Analytical method for determination in air PTRL Europe GmbH, Ulm, Germany Bayer CropScience, Report No.: P 2419 G, Edition Number: M-420657-01-1 EPA MRID No.: 48843838 Date: 2011-12-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.1.1 /01		2012	[Pyridinylmethyl-14C]BYI 02960 - Absorption, distribution, excretion, and metabolism in the rat Bayer CropScience, Report No.: MEF-11/747, Edition Number: M-422210-01-1 EPA MRID No.: 48844141 Date: 2012-01-12 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.1.1 /02		2011	Quantitative whole body autoradiography of [pyridinylmethyl-14C]BYI 02960 in male and female rats: Distribution of total radioactivity and elimination from blood, organs and tissues after single oral administration including determination of radioactivity in the excreta and exhaled 14CO2 Bayer CropScience, Report No.: MEF-11/276, Edition Number: M-409993-01-2 EPA MRID No.: 48844142 Date: 2011-05-30 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 5.1.2 /01		2011	[Furanone-4-14C]BYI 02960 - Absorption, distribution, excretion, and metabolism in the rat Bayer CropScience, Report No.: MEF-11/556, Edition Number: M-421499-01-1 EPA MRID No.: 48844143 Date: 2011-12-22 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.1.2 /02		2011	Quantitative whole body autoradiography of [furanone-4-14C]BYI 02960 in male and female rats: Distribution of total radioactivity and elimination from blood, organs and tissues after single oral administration including determination of radioactivity in the excreta and exhaled 14CO2 Bayer CropScience, Report No.: MEF-11/275, Edition Number: M-409859-01-2 EPA MRID No.: 48844144 Date: 2011-05-30 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.1.2 /03		2011	[Furanone-4-14C]BYI 02960 - Metabolism in organs and tissues of male and female rats Bayer CropScience, Report No.: MEF-11/271, Edition Number: M-414034-02-2 EPA MRID No.: 48844145 Date: 2011-09-12 ...Amended: 2012-02-02 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.1.3 /01		2011	[Ethyl-1-14C]BYI 02960 - Absorption, distribution, excretion, and metabolism in male rats Bayer CropScience, Report No.: MEF-11/555, Edition Number: M-415647-01-1 EPA MRID No.: 48844146 Date: 2011-10-10 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.1.3 /02		2011	[Ethyl-1-14C]BYI 02960 - Metabolism in organs and tissues of male and female rats (3 time-points) Bayer CropScience, Report No.: MEF-11/270, Edition Number: M-415416-02-1 EPA MRID No.: 48844147 Date: 2011-09-29 ...Amended: 2012-02-02 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.10 /01		2010	BYI 02960 - Biokinetic in the plasma of rats following 7 days exposure through the diet Bayer CropScience, Report No.: SA 09334, Edition Number: M-385777-01-2 EPA MRID No.: 48844154 Date: 2010-07-08 GLP/GEP: no, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.10 /02		2011	BYI 02960: 28-day immunotoxicity study in the female wistar rat by dietary administration Bayer CropScience, Report No.: SA 10353, Edition Number: M-414754-01-2 EPA MRID No.: 48844148 Date: 2011-09-22 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.2.1 /01		2009	BYI 02960 - Acute toxicity in the rat after oral administration Bayer CropScience, Report No.: AT05287, Edition Number: M-349992-01-2 EPA MRID No.: 48844101 Date: 2009-06-08 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.2.2 /01		2009	BYI 02960 - Acute toxicity in the rat after dermal administration Bayer CropScience, Report No.: AT05288, Edition Number: M-349995-01-2 EPA MRID No.: 48844104 Date: 2009-06-08 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.2.3 /01		2010	BYI 02960 - Activity ID TXRVP033 - Acute inhalation toxicity in rats Bayer CropScience, Report No.: AT05727, Edition Number: M-362791-01-2 EPA MRID No.: 48844105 Date: 2010-01-07 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.2.4 /01		2009	BYI 02960 - Acute skin irritation/corrosion on rabbits Bayer CropScience, Report No.: AT05342, Edition Number: M-353761-01-2 EPA MRID No.: 48844107 Date: 2009-07-08 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.2.5 /01		2009	BYI 02960 - Acute eye irritation on rabbits Bayer CropScience, Report No.: AT05341 A, Edition Number: M-361319-02-2 EPA MRID No.: 48844106 Date: 2009-07-08 ...Amended: 2009-10-29 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.2.6 /01		2009	BYI 02960 - Local lymph node assay in mice (LLNA/IMDS) Bayer CropScience, Report No.: AT05334, Edition Number: M-353715-01-2 EPA MRID No.: 48844108 Date: 2009-06-29 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.3.1 /01		2007	BYI 02960 - Exploratory 28-day toxicity study in the rat by gavage Bayer CropScience, Report No.: SA 06075, Edition Number: M-283421-02-2 EPA MRID No.: 48844149 Date: 2007-02-02 ...Amended: 2009-02-24 GLP/GEP: no, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.3.1 /02		2008	BYI 02960 - Exploratory 28-day toxicity study in the rat by dietary administration Bayer CropScience, Report No.: SA 07047, Edition Number: M-297120-01-2 EPA MRID No.: 48844150 Date: 2008-02-01 GLP/GEP: no, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.3.1 /03		2007	BYI 02960 : Preliminary 28-day toxicity study in the mouse by dietary administration Bayer CropScience, Report No.: SA 07013, Edition Number: M-294820-01-2 EPA MRID No.: 48844151 Date: 2007-11-23 GLP/GEP: no, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.3.1 /04		2008	Preliminary 28-day toxicity study in the dog by dietary administration Bayer CropScience, Report No.: SA07290, Edition Number: M-312461-01-3 EPA MRID No.: 48844152 Date: 2008-12-09 GLP/GEP: no, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.3.2 /01		2009	BYI 02960 - 90-day toxicity study in the rat by dietary administration - Amendment no.2 Bayer CropScience, Report No.: SA 07294, Edition Number: M-329048-03-2 EPA MRID No.: 48844111 Date: 2009-02-10 ...Amended: 2012-03-21 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.3.2 /02		2009	BYI 02960 - 90-day toxicity study in the mouse by dietary administration - Amendment no.2 Bayer CropScience, Report No.: SA 07295, Edition Number: M-328668-03-2 EPA MRID No.: 48844112 Date: 2009-02-06 ...Amended: 2012-03-22 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.3.3 /01		2010	A 90-day toxicity feeding study in the beagle dog with technical grade BYi 02960 Bayer CropScience, Report No.: 09-S76-QQ, Edition Number: M-369978-01-2 EPA MRID No.: 48844114 Date: 2010-04-22 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.3.4 /01	[REDACTED]	2012	A chronic toxicity feeding study in the Beagle dog with technical grade BYI 02960 - Amended final report - amendment 1 [REDACTED] Bayer CropScience, Report No.: 09-C76-RZ, Edition Number: M-425272-02-1 Date: 2012-02-17 ...Amended: 2013-04-10 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.3.7 /01	[REDACTED]	2012	A subacute dermal toxicity study in rats with BYI 02960 [REDACTED] Bayer CropScience, Report No.: 11-S22-US, Edition Number: M-432336-01-1 EPA MRID No.: 48844115 Date: 2012-06-05 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.4.1 /01	Herbold, B.	2009	BYI 02960 (tested as BYI 02960 technical) (project: BYI 02960) - Salmonella/microsome test plate incorporation and preincubation method Bayer Schering Pharma AG, Wuppertal, Germany Bayer CropScience, Report No.: AT05387, Edition Number: M-354173-01-2 EPA MRID No.: 48844124 Date: 2009-07-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.4.1 /02	Sokolowski, A.	2011	1st amendment to report Salmonella typhimurium reverse mutation assay with BYI 02960 Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1425802, Edition Number: M-420539-02-2 EPA MRID No.: 48844125 Date: 2011-09-23 ...Amended: 2011-10-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.4.2 /01	Thum, M.	2009	BYI 02960 (tested as BYI 02960 technical) - In vitro chromosome aberration test with chinese hamster V79 cells Bayer Schering Pharma AG, Wuppertal, Germany Bayer CropScience, Report No.: AT05626, Edition Number: M-359746-01-2 EPA MRID No.: 48844131 Date: 2009-11-11 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.4.3 /01	Entian, G.	2009	BYI 02960 (tested as BYI 02960 technical) (project: BYI 02960) - V79/HPRT test in vitro for the detection of induced forward mutations Bayer Schering Pharma AG, Wuppertal, Germany Bayer CropScience, Report No.: AT05625, Edition Number: M-359743-01-2 EPA MRID No.: 48844128 Date: 2009-10-29 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.4.4 /01	██████████.	2009	BYI 02960 - Micronucleus-test on the male mouse ██ Bayer CropScience, Report No.: AT05350, Edition Number: M-353785-01-2 EPA MRID No.: 48844134 Date: 2009-07-09 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer



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KIIA 5.4.4 /02	[REDACTED]	2011	Micronucleus assay in bone marrow cells of the mouse with BYI 02960-a.i. [REDACTED] Bayer CropScience, Report No.: 1425801, Edition Number: M-420536-01-2 EPA MRID No.: 48844135 Date: 2011-11-10 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.5.2 /01	[REDACTED]	2012	BYI 02960 - Chronic toxicity and carcinogenicity study in the Wistar rat by dietary administration [REDACTED] Bayer CropScience, Report No.: SA 08337, Edition Number: M-428257-01-1 EPA MRID No.: 48844123 Date: 2012-03-05 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.5.3 /01	[REDACTED]	2012	BYI 02960 - Carcinogenicity study in the C57BL/6J mouse by dietary administration [REDACTED] Bayer CropScience, Report No.: SA 08338, Edition Number: M-425975-01-1 EPA MRID No.: 48844122 Date: 2012-02-24 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.6.1 /01	[REDACTED]	2010	Technical grade BYI 02960: A dose range-finding reproductive toxicity study in the Wistar rat [REDACTED] Bayer CropScience, Report No.: 09-P72-RB, Edition Number: M-394208-01-2 EPA MRID No.: 48844120 Date: 2010-11-01 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.6.1 /02		2011	Technical grade BYF 02960: A two-generation reproductive toxicity study in the Wistar rat Bayer CropScience, Report No.: 09-R72-SA, Edition Number: M-417665-01-2 EPA MRID No.: 48844119 Date: 2011-10-17 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.6.10 /01		2010	BYI 02960: Developmental toxicity study in the rat by gavage Bayer CropScience, Report No.: SA 08347, Edition Number: M-363938-01-2 EPA MRID No.: 48844116 Date: 2010-02-22 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.6.10 /02		2012	BYI 02960 - Complementary maternal tolerability study in the pregnant Sprague-Dawley rat by gavage Bayer CropScience, Report No.: SA 11140, Edition Number: M-425810-01-2 EPA MRID No.: 48844118 Date: 2012-02-21 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.6.11 /01		2012	BYI 02960 - Developmental toxicity study in the rabbit by gavage Bayer CropScience, Report No.: SA 10314, Edition Number: M-423559-01-1 EPA MRID No.: 48844117 Date: 2012-01-26 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.7.1 /01	[REDACTED]	2011	BYI 02960 - An acute neurotoxicity study in the rat by oral administration [REDACTED] Bayer CropScience, Report No.: SA 10096, Edition Number: M-415408-01-4 Date: 2011-09-30 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.7.4 /01	[REDACTED]	2011	BYI 02960 - A 90-day neurotoxicity study in the rat by dietary administration [REDACTED] Bayer CropScience, Report No.: SA 09283, Edition Number: M-410022-01-2 EPA MRID No.: 48844139 Date: 2011-06-28 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.7.5 /01	[REDACTED]	2012	A developmental neurotoxicity study with technical grade BYI 02960 in Wistar rats [REDACTED] Bayer CropScience, Report No.: 11-D72-UW, Edition Number: M-434203-01-1 EPA MRID No.: 48844140 Date: 2012-07-09 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /01	Sokolowski, A.	2010	First amendment to report - Salmonella typhimurium reverse mutation assay with BCS-AA56716 (metabolite of BYI 02960) Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1351101, Edition Number: M-409724-02-1 Date: 2010-09-30 ...Amended: 2013-03-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.8 /02	Hall, C.	2010	BCS-AA56716 (metabolite of BYI 02960) - In vitro chromosome aberration test in Chinese hamster V79 cells Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1351103, Edition Number: M-409726-01-2 EPA MRID No.: 48844132 Date: 2010-12-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /03	Wollny, H. E.	2010	First amendment to report - BCS-AA56716 (metabolite of BYI 02960) - Gene mutation assay in Chinese hamster V79 cells in vitro (V79 / HPRT) Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1351102, Edition Number: M-409727-02-1 Date: 2010-12-20 ...Amended: 2013-03-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /04		2010	BCS-AA56716 - Acute oral toxicity in rats - Acute toxic class method Bayer CropScience, Report No.: 37066 TAR, Edition Number: M-393372-01-2 EPA MRID No.: 48844102 Date: 2010-10-22 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.8 /05	[REDACTED]	2011	BCS-AA56716 (difluoroacetic acid): Preliminary 14-day toxicity study in the rat by dietary administration [REDACTED] Bayer CropScience, Report No.: SA 10323, Edition Number: M-414152-01-2 EPA MRID No.: 48844153 Date: 2011-09-19 GLP/GEP: no, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /06	[REDACTED]	2012	BCS-AA56716 (Difluoroacetic acid) - 90-day toxicity study in the rat by dietary administration [REDACTED] Bayer CropScience, Report No.: SA 10324, Edition Number: M-424611-01-2 EPA MRID No.: 48844113 Date: 2012-02-02 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /07	Sokolowski, A.	2011	Salmonella typhimurium reverse mutation assay with BYI 02960-difluoroethyl-amino-furanone (metabolite of byi-02960) Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1399701, Edition Number: M-409728-01-2 EPA MRID No.: 48844127 Date: 2011-05-24 GLP/GEP: no, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.8 /08	Hall, C.	2010	BYI 02960-difluoroethyl-amino-furanone (metabolite of BYI 02960) - In vitro chromosome aberration test in Chinese hamster V79 cells Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1399703, Edition Number: M-420108-01-2 EPA MRID No.: 48844133 Date: 2010-10-07 GLP/GEP: no, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /09	Hall, C.	2010	BYI 0960-difluoroethyl-amino-furanone (metabolite of BYI 02960) - Gene mutation assay in Chinese hamster V79 cells in vitro (V79 / HPRT) Harlan Cytotest Cell Research GmbH (Harlan CCR), Rossdorf, Germany Bayer CropScience, Report No.: 1399702, Edition Number: M-420095-01-2 EPA MRID No.: 48844130 Date: 2010-12-20 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /10		2011	Micronucleus assay in bone marrow cells of the mouse with BYI 02960-difluoroethyl-aminofuranone (metabolite of BYI 02960)  Bayer CropScience, Report No.: M-420540-01-2 , Edition Number: M-420540-01-2 EPA MRID No.: 48844136 Date: 2011-11-28 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.8 /11	[REDACTED]	2011	In vivo unscheduled DNA synthesis in rat hepatocytes with BYI 02960-difluoroethyl-amino-furanone (metabolite of BYI 02960) [REDACTED] Rossdorf, Germany Bayer CropScience, Report No.: 1421402, Edition Number: M-420111-01-2 EPA MRID No.: 48844137 Date: 2011-10-26 GLP/GEP: no, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /12	[REDACTED]	2011	BYI-02960-difluoroethyl-amino-furanone acute oral toxicity in rats acute toxic class method [REDACTED] Bayer CropScience, Report No.: 37503 TAR, Edition Number: M-409674-01-2 EPA MRID No.: 48844103 Date: 2011-05-19 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /13	[REDACTED]	2012	BYI 02960-difluoroethyl aminofuranone: A 14-day dose range finding toxicity/palatability study in rats [REDACTED] Bayer CropScience, Report No.: 11/116-100PE, Edition Number: M-426158-01-2 EPA MRID No.: 48844109 Date: 2012-02-24 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /14	[REDACTED]	2012	BYI 02960-difluoroethyl aminofuranone: A 28-day dietary toxicity study in wistar rats [REDACTED] Bayer CropScience, Report No.: 11/116-100P, Edition Number: M-426136-01-2 EPA MRID No.: 48844110 Date: 2012-02-29 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.8 /15	Nobuo, M.; Yukihiro, K.	1997	Reverse mutation study on bacteria IM-0 Nippon Soda Co., Ltd., Odawara Reseach Center, Japan Nippon Soda, Report No.: G-949, Report includes Trial Nos.: 9862 Edition Number: M-195904-01-2 EPA MRID No.: 44988432 Date: 1997-09-30 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /16	[REDACTED]	1997	Acute oral toxicity study in rats IM-0 [REDACTED] Report No.: G-0887, Report includes Trial Nos.: 3662 Edition Number: M-195899-01-2 EPA MRID No.: 44988421 Date: 1997-09-30 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /17	[REDACTED]	1997	Thirteen-week dietary subchronic toxicity study in rats IM-0 [REDACTED] Report No.: G-0889, Report includes Trial Nos.: 0259 Edition Number: M-195901-01-2 EPA MRID No.: 44988427 Date: 1997-11-28 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 5.8 /18	Nobuo, M.; Yukihiro, K.	1997	Reverse mutation study on bacteria IC-0 Nippon Soda Co., Ltd., Odawara Reseach Center, Japan Nippon Soda, Report No.: G-942, Report includes Trial Nos.: 9854 Edition Number: M-195932-01-2 EPA MRID No.: 44988502 Date: 1997-09-30 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 5.8 /19	[REDACTED]	1997	Acute oral toxicity study in rats IC-0 [REDACTED] Report No.: G-0941, Report includes Trial Nos.: 3686 Edition Number: M-195930-01-2 EPA MRID No.: 44988420 Date: 1997-09-30 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.1.1 /01	Netzband, D.; Timberlake, B. C.; Harbin, A. M.	2012	Storage stability of BYI 02960, difluoroacetic acid, and difluoroethyl-amino-furanone in plant matrices (18-month data) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVP046-1, Edition Number: M-428412-02-1 EPA MRID No.: 48977401 Date: 2012-04-03 ...Amended: 2012-11-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.1.1 /02		2012	BYI 02960 - Magnitude of the residue in dairy cows - Amended report Bayer CropScience, Report No.: RARVP050-1, Edition Number: M-428416-02-1 EPA MRID No.: 48843842 Date: 2012-04-03 ...Amended: 2012-05-31 GLP/GEP: yes, unpublished ...also filed: KIIA 4.3 /08 ...also filed: KIIA 6.4.2 /01	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.1.3.6 /01	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on sweet pepper after spraying of BYI 02960 SL 200 in the field in France (south), Italy, Spain and Portugal Bayer CropScience, Report No.: 10-2187, Report includes Trial Nos.: 10-2187-01 10-2187-02 10-2187-03 10-2187-04 Edition Number: M-439089-01-1 Date: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.1.3.6 /02	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on sweet pepper after spray application of BYI 02960 SL 200 in the field in southern France, Spain and Italy Bayer CropScience, Report No.: 11-2083, Report includes Trial Nos.: 11-2083-01 11-2083-02 11-2083-03 11-2083-04 Edition Number: M-439083-01-1 Date: 2012-09-25 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.1.3.6 /03	Fargeix, G.	2012	Determination of the residues of BYI 02960 in/on sweet pepper after spraying of BYI 02960 SL 200 in the greenhouse in France, Spain, Italy, Greece and the Netherlands Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2081, Report includes Trial Nos.: 11-2081-01 11-2081-02 11-2081-03 11-2081-04 11-2081-05 11-2081-06 11-2081-07 11-2081-08 Edition Number: M-436855-01-1 Date: 2012-08-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.1.3.7 /01	Schulte, G.; Ruhl, S.	2012	Determination of the residues of BYI 02960 in/on cucumber after spraying of BYI 02960 SL 200 in the field in France (south), Spain and Italy Bayer CropScience, Report No.: 10-2184, Report includes Trial Nos.: 10-2184-01 10-2184-02 10-2184-03 10-2184-04 Edition Number: M-438188-01-1 Date: 2012-09-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.1.3.7 /02	Schulte, G.; Diehl, P.	2012	Determination of the residues of BYI 02960 in/on gherkin after spray application of BYI 02960 SL 200 in the field in southern France, Spain and Italy Bayer CropScience, Report No.: 11-2066, Report includes Trial Nos.: 11-2066-01 11-2066-02 11-2066-03 11-2066-04 Edition Number: M-438326-01-1 Date: 2012-09-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.1.3.7 /03	Schoening, R.; Oel, D.	2012	Determination of the residues of BYI 02960 in/on cucumber after spray application of BYI 02960 SL 200 in the greenhouse in France (South), the Netherlands, Germany and Italy Bayer CropScience, Report No.: 10-2189, Report includes Trial Nos.: 10-2189-01 10-2189-02 10-2189-03 10-2189-04 Edition Number: M-435235-01-1 Date: 2012-07-23 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.1.3.7 /04	Schulte, G.; Diehl, P.	2012	Determination of the residues of BYI 02960 in/on cucumber after spray application of BYI 02960 SL 200 in the greenhouse in Greece, Italy, Spain and Portugal Bayer CropScience, Report No.: 11-2067, Report includes Trial Nos.: 11-2067-01 11-2067-02 11-2067-03 11-2067-04 Edition Number: M-439079-01-1 Date: 2012-09-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.1.3.8 /01	Schoening, R.; Ballmann, C.	2012	Determination of the residues of BYI 02960 in/on melon after spray application of BYI 02960 SL 200 in the field in Spain, Italy, France (South) and Portugal Bayer CropScience, Report No.: 10-2185, Report includes Trial Nos.: 10-2185-01 10-2185-02 10-2185-03 10-2185-04 Edition Number: M-439328-01-1 Date: 2012-10-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.1.3.8 /02	Fargeix, G.	2012	Determination of the residues of BYI 02960 in/on water melon after spray application of BYI 02960 SL 200 in the field in Portugal, Italy and Spain Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2074, Report includes Trial Nos.: 11-2074-01 11-2074-02 11-2074-03 11-2074-04 11-2074-05 Edition Number: M-438099-01-1 Date: 2012-09-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.1.3.8 /03	Uceda, L.	2012	Determination of the residues of BYI 02960 in/on melon after spray application of BYI 02960 SL 200 in the greenhouse in the Netherlands, Italy and Spain Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 10-2188, Report includes Trial Nos.: 10-2188-01 10-2188-02 10-2188-03 Edition Number: M-425792-01-1 Date: 2012-02-23 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.1.3.8 /04	Fargeix, G.	2012	Determination of the residues of BYI 02960 in/on water melon after spraying application of BYI 02960 SL 200 in the greenhouse in Spain and Italy Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2075, Report includes Trial Nos.: 11-2075-01 11-2075-02 11-2075-03 11-2075-04 11-2075-05 11-2075-06 Edition Number: M-437681-01-1 Date: 2012-09-04 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /01	Justus, K.	2011	Metabolism of [furanone-4-14C]BYI 02960 in tomatoes Bayer CropScience, Report No.: MEF-11/016, Edition Number: M-411352-01-3 EPA MRID No.: 48843801 Date: 2011-07-25 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /02	Justus, K.	2011	Metabolism of [pyridinylmethyl-14C]BYI 02960 in tomatoes Bayer CropScience, Report No.: MEF-11/182, Edition Number: M-411500-01-2 EPA MRID No.: 48843802 Date: 2011-07-26 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /03	Unold, M.; Justus, K	2011	Metabolism of [ethyl-1-14C]BYI 02960 in tomatoes Bayer CropScience, Report No.: MEF-11/498, Edition Number: M-413996-01-2 EPA MRID No.: 48843803 Date: 2011-09-05 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.2.1 /04	Justus, K.	2011	Metabolism of [furanone-4-14C]BYI 02960 in potatoes Bayer CropScience, Report No.: MEF-10/769, Edition Number: M-415234-01-2 EPA MRID No.: 48843804 Date: 2011-09-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /05	Justus, K.	2011	Metabolism of [pyridinylmethyl-14C]BYI 02960 in potatoes Bayer CropScience, Report No.: MEF-10/710, Edition Number: M-415078-01-2 EPA MRID No.: 48843805 Date: 2011-09-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /06	Justus, K.	2011	Metabolism of [furanone-4-14C]BYI 02960 in apples Bayer CropScience, Report No.: MEF-11/499, Edition Number: M-422562-01-1 EPA MRID No.: 48843806 Date: 2011-12-29 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /07	Justus, K.	2011	Metabolism of [pyridinylmethyl-14C]BYI 02960 in apples Bayer CropScience, Report No.: MEF-11/198, Edition Number: M-414678-01-2 EPA MRID No.: 48843807 Date: 2011-09-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /08	Schmeling, S.; Weber, E.	2011	Metabolism of [furanone-4-14C]BYI 02960 in cotton after spray application Bayer CropScience, Report No.: MEF-11/392, Edition Number: M-421625-01-2 EPA MRID No.: 48843808 Date: 2011-12-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.2.1 /09	Schmeling, S.; Weber, E.	2011	Metabolism of [pyridinylmethyl-14C]BYI 02960 in cotton after spray application Bayer CropScience, Report No.: MEF-11/393, Edition Number: M-421691-01-2 EPA MRID No.: 48843809 Date: 2011-12-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /10	Schmeling, S.; Weber, E.	2011	Metabolism of [furanone-4-14C]BYI 02960 in paddy rice Bayer CropScience, Report No.: MEF-11/058, Edition Number: M-414219-01-2 EPA MRID No.: 48843810 Date: 2011-09-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /11	Schmeling, S.; Weber, E.	2011	Metabolism of [pyridinylmethyl-14C]BYI 02960 in paddy rice Bayer CropScience, Report No.: MEF-11/059, Edition Number: M-414328-01-2 EPA MRID No.: 48843811 Date: 2011-09-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.1 /12	Schoening, R.; Ruhl, S.	2012	Determination of residues of difluoroacetic acid in extracts of samples from plant metabolism and confined rotational crops studies after application of BYI 02960 Bayer CropScience, Report No.: MR-11/050, Edition Number: M-422550-01-1 EPA MRID No.: 48843812 Date: 2012-01-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.2.2 /01	[REDACTED]	2012	[Pyridinylmethyl-14C]BYI 02960: Metabolism in the laying hen Bayer CropScience, Report No.: MEF-11/199, Edition Number: M-422162-01-2 EPA MRID No.: 48843814 Date: 2012-01-10 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.2 /02	[REDACTED]	2012	[Furanone-4-14C]BYI 02960: Metabolism in the laying hen Bayer CropScience, Report No.: MEF-11/200, Edition Number: M-422263-01-2 EPA MRID No.: 48843813 Date: 2012-01-10 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.3 /01	[REDACTED]	2011	[Pyridinylmethyl-14C]BYI 02960: Metabolism in the lactating goat Bayer CropScience, Report No.: MEF-11/269, Edition Number: M-419701-01-2 EPA MRID No.: 48843816 Date: 2011-12-07 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.2.3 /02	[REDACTED]	2011	[Furanone-4-14C]BYI 02960: Metabolism in the lactating goat Bayer CropScience, Report No.: MEF11/268, Edition Number: M-421995-01-2 EPA MRID No.: 48843815 Date: 2011-12-16 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.1 /01	Noss, G.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on lettuce after spraying of BYI 02960 SL 200 in the field in the Netherlands, Belgium, France (North) and Germany Bayer CropScience, Report No.: 10-2223, Report includes Trial Nos.: 10-2223-01 10-2223-02 10-2223-03 10-2223-04 10-2223-05 Edition Number: M-424742-01-1 Date: 2012-02-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.1 /02	Uceda, L.	2012	Amendment No. 1 - Determination of the residues of BYI 02960 in/on lettuce after spray application of BYI 02960 SL 200 in the field in Germany, northern France and Belgium Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2082, Report includes Trial Nos.: 11-2082-01 11-2082-02 11-2082-03 11-2082-04 Edition Number: M-425941-02-1 Date: 2012-02-23 ...Amended: 2012-03-05 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.3.1.1 /03	Schoening, R.; Bauer, J.	2011	Determination of the residues of BYI 02960 in/on lettuce, head after spray application of BYI 02960 SL 200 in the field in France (South), Spain and Italy - Amendment no. 0001 to report no. 10-2213 Bayer CropScience, Report No.: 10-2213, Report includes Trial Nos.: 10-2213-01 10-2213-02 10-2213-03 10-2213-04 10-2213-05 Edition Number: M-425913-02-1 Date: 2011-09-14 ...Amended: 2012-02-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.1 /04	Uceda, L.	2012	Amendment No.1 - Determination of the residues of BYI 02960 in/on lettuce after spray application of BYI 02960 SL 200 in the field in Spain, Italy, Southern France and Portugal Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2071, Report includes Trial Nos.: 11-2071-01 11-2071-02 11-2071-03 11-2071-04 Edition Number: M-425784-02-1 Date: 2012-02-23 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.1 /05	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on lettuce after spraying of BYI 02960 SL 200 in the greenhouse in France (North), Germany, the Netherlands and Italy Bayer CropScience, Report No.: 10-2212, Report includes Trial Nos.: 10-2212-01 10-2212-02 10-2212-03 10-2212-04 10-2212-05 Edition Number: M-425829-01-1 Date: 2012-02-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.1 /06	Uceda, L.	2012	Determination of the residues of BYI 02960 in/on lettuce after spray application of BYI 02960 SL 200 in the greenhouse in northern France, Italy, Spain and Germany Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2070, Report includes Trial Nos.: 11-2070-01 11-2070-02 11-2070-03 11-2070-04 Edition Number: M-425786-01-1 Date: 2012-02-23 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.2 /01	Noss, G.; Ballmann, C.	2012	Determination of the residues of BYI 02960 in/on hop after spraying of BYI 02960 SL 200 in the field in Germany Bayer CropScience, Report No.: 10-2225, Report includes Trial Nos.: 10-2225-01 10-2225-02 10-2225-03 10-2225-04 Edition Number: M-425351-01-1 Date: 2012-02-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.2 /02	Noss, G.; Ballmann, C.	2012	Determination of the residues of BYI 02960 in/on hop after spray application of BYI 02960 SL 200 in Germany Bayer CropScience, Report No.: 11-2076, Report includes Trial Nos.: 11-2076-01 11-2076-02 11-2076-03 11-2076-04 Edition Number: M-425339-01-1 Date: 2012-02-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.3 /01	Bauer, J.; Schulte, G.	2012	Determination of the residues of BYI 02960 in/on apple after spraying of BYI 02960 SL 200 in the field in Germany, France (north), the Netherlands and Belgium Bayer CropScience, Report No.: 10-2171, Report includes Trial Nos.: 10-2171-01 10-2171-02 10-2171-03 10-2171-04 10-2171-05 10-2171-06 Edition Number: M-434587-01-1 Date: 2012-07-05 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.3 /02	Schulte, G.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on apple after spray application of BYI 02960 SL 200 in the field in Germany, northern France and the United Kingdom Bayer CropScience, Report No.: 11-2077, Report includes Trial Nos.: 11-2077-01 11-2077-02 11-2077-03 11-2077-04 Edition Number: M-438329-01-1 Date: 2012-09-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.3 /03	Bauer, J.; Schulte, G.	2012	Determination of the residues of BYI 02960 in/on apple after spraying of BYI 02960 SL 200 in the field in France (south), Italy and Spain Bayer CropScience, Report No.: 10-2172, Report includes Trial Nos.: 10-2172-01 10-2172-02 10-2172-03 10-2172-04 10-2172-05 10-2172-06 Edition Number: M-434603-01-1 Date: 2012-07-05 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.3 /04	Schulte, G.; Bauer, J.; Ruhl, S.	2012	Determination of the residues of BYI 02960 in/on apple after spray application of BYI 02960 SL 200 in the field in southern France, Spain, Italy and Portugal Bayer CropScience, Report No.: 11-2078, Report includes Trial Nos.: 11-2078-01 11-2078-02 11-2078-03 11-2078-04 Edition Number: M-439845-01-1 Date: 2012-10-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.4 /01	Rosati, D.; Ratajczak, M.	2012	Determination of the residues of BYI 02960 in/on grape after spraying and spraying, low-volume of BYI 02960 SL 200 in the field in Germany, France (North) and Belgium Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 10-2218, Report includes Trial Nos.: 10-2218-01 10-2218-02 10-2218-03 10-2218-04 10-2218-05 Edition Number: M-437138-01-1 Date: 2012-08-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.4 /02	Meilland-Berthier, I.	2012	Determination of the residues of BYI 02960 in/on grape after high or low-volume spray application of BYI 02960 SL 200 in Germany and northern France Bayer CropScience, Report No.: 11-2089, Report includes Trial Nos.: 11-2089-01 11-2089-02 11-2089-03 11-2089-04 Edition Number: M-436857-01-1 Date: 2012-08-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.4 /03	Rosati, D.; Ratajczak, M.	2012	Determination of the residues of BYI 02960 in/on grape after spraying and spraying, low-volume of BYI 02960 SL 200 in the field in France (South), Spain and Italy Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 10-2219, Report includes Trial Nos.: 10-2219-01 10-2219-02 10-2219-03 10-2219-04 Edition Number: M-437131-01-1 Date: 2012-08-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.4 /04	Meilland-Berthier, I.	2012	Determination of the residues of BYI 02960 in/on grape after high or low-volume spray application of BYI 02960 SL 200 in Southern France, Spain and Italy Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2090, Report includes Trial Nos.: 11-2090-01 11-2090-02 11-2090-03 11-2090-04 Edition Number: M-438482-01-1 Date: 2012-09-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.5 /01	Schulte, G.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on tomato after spraying of BYI 02960 SL 200 in the field in France (south), Italy, Spain and Portugal Bayer CropScience, Report No.: 10-2186, Report includes Trial Nos.: 10-2186-01 10-2186-02 10-2186-03 10-2186-04 Edition Number: M-438184-01-1 Date: 2012-09-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.5 /02	Meilland-Berthier, I.	2012	Determination of the residues of BYI 02960 in/on tomato after spray application of BYI 02960 SL 200 in the field in Spain, Italy, Portugal and Greece Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2087, Report includes Trial Nos.: 11-2087-01 11-2087-02 11-2087-03 11-2087-04 Edition Number: M-438275-01-1 Date: 2012-01-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.1.5 /03	Schoening, R.; Ballmann; C.	2012	Determination of the residues of BYI 02960 in/on tomato after spray application of BYI 02960 SL 200 in the greenhouse in Germany, the Netherlands, France (North) and Belgium Bayer CropScience, Report No.: 10-2190, Report includes Trial Nos.: 10-2190-01 10-2190-02 10-2190-03 10-2190-04 Edition Number: M-426300-01-1 Date: 2012-03-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.1.5 /04	Meilland-Berthier, I.	2012	Determination of the residues of BYI 02960 in/on tomato and cherry tomato after spray application of BYI 02960 SL 200 in the greenhouse in Germany, the Netherlands, Italy and Spain Bayer S.A.S., Bayer CropScience, Lyon, France Bayer CropScience, Report No.: 11-2085, Report includes Trial Nos.: 11-2085-01 11-2085-02 11-2085-03 11-2085-04 Edition Number: M-427056-01-1 Date: 2012-03-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.1 /01	Beedle, E.; Niczyporowicz, L. M.	2012	BYI 02960 200 SL - Magnitude of the residue in/on citrus (crop group 10) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY012, Edition Number: M-433259-01-1 EPA MRID No.: 48843913 Date: 2012-06-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.1 /02	Woodard, D. L.; Timberlake, B.	2012	BYI 02960 200 SL - Magnitude of the residue in/on mandarin orange (CG 10) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVP064, Edition Number: M-432184-01-2 EPA MRID No.: 48843914 Date: 2012-06-05 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.1 /03	Dallstream, K. A.	2012	BYI 02960 200 SL - Magnitude of the residue in/on citrus (including bridging trials to Brazil import tolerance) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVP076, Edition Number: M-432687-01-1 EPA MRID No.: 48843915 Date: 2012-06-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.1 /04	Resende, G.	2012	Amendment 01 to the final report - Determination of residues of BYI 02960 and its metabolites, in citrus culture after drench application at the base of the plants, followed by foliar spray application of BYI 02960 (200 SL) in field trials in Brazil Bayer CropScience, São Paulo, SP, Brazil Bayer CropScience, Report No.: I11-022, Report includes Trial Nos.: I11-022-01 I11-022-02 I11-022-03 I11-022-04 I11-022-05 Edition Number: M-427041-02-3 EPA MRID No.: 48843945 Date: 2012-03-06 ...Amended: 2012-07-11 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.1 /05	Resende, G.	2012	Amendment 01 to the final report - Determination of residues of BYI 02960 and its metabolites, in citrus after foliar spray application of BYI 02960 (200 SL) in field trials in Brazil Departamento de Registro Bayer CropScience, São Paulo, Brazil Bayer CropScience, Report No.: I11-006, Report includes Trial Nos.: I11-006-03 I11-006-04 I11-006-05 I11-006-06 I11-006-07 Edition Number: M-427468-02-3 EPA MRID No.: 48843946 Date: 2012-03-09 ...Amended: 2012-07-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.10 /01	Hoag, R. E.; Arthur, E. L.; Woodard, D. L.	2012	BYI 02960 200 SL - Magnitude of the residue in/on dried, shelled pea and bean (except soybean), foliage of legume vegetables (except soybean); (CG 6C and 7A) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY028, Edition Number: M-433260-01-1 EPA MRID No.: 48843909 Date: 2012-06-26 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.11 /01	Krolski, M. E.; Harbin, A. H.	2012	BYI 02960 200 SL - Magnitude of the residue in peanut Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY010, Edition Number: M-424313-01-2 EPA MRID No.: 48843930 Date: 2012-01-30 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.12 /01	Sturdivant, D. W.	2012	BYI 02960 200 SL and BYI 02960 480 FS - Magnitude of the residue in/on soybeans Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY011, Edition Number: M-431214-01-2 EPA MRID No.: 48843910 Date: 2012-05-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.13 /01	Timberlake, B. C.; Harbin, A. M.	2012	BYI 02960 200 SL and BYI 02960 480 FS - Magnitude of the residue in/on cotton (Crop Subgroup 20C) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY009, Edition Number: M-431910-01-2 EPA MRID No.: 48843925 Date: 2012-06-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.14 /01	Hoag, R. E.	2012	BYI 02960 200 SL and BYI 02960 480 FS - Magnitude of the residue in/on barley Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY001, Edition Number: M-431905-01-2 EPA MRID No.: 48843921 Date: 2012-04-19 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.15 /01	Fisher, D. R.	2012	BYI 02960 200 SL and BYI 02960 480 FS - Magnitude of the residue in/on corn Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY002, Edition Number: M-432754-01-1 EPA MRID No.: 48843922 Date: 2012-06-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.16 /01	Krolski, M. E.; Dallstream, K. A.	2012	BYI 02960 200 SL and BYI 02960 480 FS - Magnitude of the residue in/on sorghum Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY004, Edition Number: M-427048-01-2 EPA MRID No.: 48843923 Date: 2012-03-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.17 /01	Fischer, D. R.; Niczyporowicz, L. M.	2012	BYI 02960 200 SL and BYI 02960 480 FS - Magnitude of the residue in/on wheat Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY003, Edition Number: M-433258-01-1 EPA MRID No.: 48843924 Date: 2012-06-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.18 /01	Hoag, R. E.	2012	BYI 02960 200 SL - Magnitude of the residue in/on coffee; U.S., Canada and E.U. import tolerance Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVP074, Edition Number: M-433257-01-1 EPA MRID No.: 48843928 Date: 2012-06-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.18 /02	Resende, G.	2012	Amendment 01 to the final report - Determination of residues of BYI 02960 and its metabolites, in coffee after drench application at the base of the plants, followed by foliar application of BYI 02960 (200 SL) in field trials in Brazil Departamento de Registro Bayer CropScience, São Paulo, Brazil Bayer CropScience, Report No.: I11-008, Report includes Trial Nos.: I11-008-01 I11-008-02 I11-008-04 I11-008-05 Edition Number: M-427469-03-2 EPA MRID No.: 48843944 Date: 2012-03-09 ...Amended: 2012-07-02 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.19 /01	Krolski, M. E.	2012	BYI 02960 200 SL - Magnitude of the residue in/on hops Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY008, Report includes Trial Nos.: RV047-11HA RV048-11HA RV049-11HA Edition Number: M-432695-01-1 EPA MRID No.: 48843929 Date: 2012-06-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.2 /01	Niczyporowicz, L. M.; Netzband, D.	2012	BYI 02960 200 SL - Magnitude of the residue in/on tree nuts (Crop Group 14) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY016, Edition Number: M-433350-01-1 EPA MRID No.: 48843920 Date: 2012-06-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.3 /01	Lam, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on pome fruits (crop group 11) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY013, Edition Number: M-432703-01-1 EPA MRID No.: 48843916 Date: 2012-06-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.4 /01	Dallstream, K. A.	2012	BYI 02960 200 SL - Magnitude of the residue in/on small fruit vine climbing (except Fuzzy kiwifruit) Crop Subgroup 13-07F Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY007, Edition Number: M-432181-01-2 EPA MRID No.: 48843918 Date: 2012-06-04 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.5 /01	Dorschner, K. W.	2012	BYI 02960: Magnitude of the residue on blueberry Rutgers, The State University of New Jersey, Princeton, NJ, USA TF- BCS-IR4, Report No.: IR-4 PR No. 10637, Report includes Trial Nos.: 10637.11-AU01 10637.11-AU02 10637.11-AU04 10637.11-CL01 10637.11-CL02 10637.11-CL03 10637.11-DK01 10637.11-IT01 10637.11-MI01 10637.11-MI02 10637.11-MI03 10637.11-NC01 10637.11-NC02 10637.11-NJ01 10637.11-NJ02 10637.11-NS01 10637.11-NS02 10637.11-NS03 10637.11-NZ01 10637.11-NZ02 10637.11-OR01 10637.11-QC16 10637.11-SP01 10637.11-UK01 10637.11-UK02 Edition Number: M-435476-01-1 EPA MRID No.: 48843917 Date: 2012-07-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.3.2.6 /01	Dorschner, K.	1996	BYI 02960: Magnitude of the residue on prickly pear cactus U.S. Department of Agriculture, Salinas, CA, USA TF- BCS-IR4, Report No.: IR-4 PR NO. 10722, Report includes Trial Nos.: 10722.11-CA*01 10722.11-CA*02 10722.11-CA*143 10722.11-CA*144 10722.11-CA*160 10722.11-CA*161 10722.11-CA*162 10722.11-CA*163 Edition Number: M-432542-01-1 EPA MRID No.: 48843931 Date: 1996-10-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.7 /01	Krolski, M. E.; Harbin, A. M.	2012	BYI 02960 200 SL - Magnitude of the residue in potato - Tuberous and corm vegetables (Crop Subgroup 1C) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY015, Edition Number: M-430532-01-2 EPA MRID No.: 48843902 Date: 2012-05-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.3.2.7 /02	Ellis, A.	2011	Amendment no.1 - Determination of residues of BYI 02960 in potatoes and sweet potatoes following two or three applications of BYI 02960 200 SL at rates of 100, 150 or 200 g a.i./ha seven days apart Bayer CropScience Pty. Ltd., Eight Mile Plains, QLD, Australia Bayer CropScience, Report No.: BCS-0352, Edition Number: M-415292-02-1 EPA MRID No.: 48843940 Date: 2011-09-30 ...Amended: 2012-07-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.7 /03	Ellis, A.	2012	Amendment no.1 - Determination of residues of BYI 02960 in potatoes and sweet potatoes following two or three applications of BYI 02960 200 SL at rates of 100, 150 or 200 g a.i./ha seven days apart Bayer CropScience Pty. Ltd., Residue Laboratory, Eight Mile Plains, QLD, Australia Bayer CropScience, Report No.: BCS-0358, Report includes Trial Nos.: C538 C539 C541 C632 Edition Number: M-426841-02-1 EPA MRID No.: 48843941 Date: 2012-02-27 ...Amended: 2012-07-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.3.2.8 /01	Miller, A.; Helfrich, K. K.	2012	BYI 02960 200 SL - Magnitude of the residue in/on fruiting vegetables (CG 8); US / Canada import tolerance Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY022, Edition Number: M-433126-01-1 EPA MRID No.: 48843911 Date: 2012-06-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.8 /02	Ellis, A.	2011	Amendment no.1 - Determination of residues of BYI 02960 following three foliar applications of BYI 02960 200 SL to trellis and bush tomatoes at rates of 100, 150 or 200 g a.i./ha seven days apart, and in glass house tomatoes at rates of 10, 15 and 20 g a.i./100L seven days apart Bayer CropScience Pty. Ltd., Residue Laboratory, Eight Mile Plains, QLD, Australia Bayer CropScience, Report No.: BCS-0348.02, Edition Number: M-411773-02-1 EPA MRID No.: 48843936 Date: 2011-07-20 ...Amended: 2012-07-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.8 /03	Ellis, A.	2011	Amendment no. 1 - Determination of residues of BYI 02960 following three foliar applications of BYI 02960 200 SL to capsicums at rates of 100, 150 or 200 g a.i./ha seven days apart Bayer CropScience Pty. Ltd., Residue Laboratory, Eight Mile Plains, QLD, Australia Bayer CropScience, Report No.: BCS-0349.02, Edition Number: M-430274-02-1 EPA MRID No.: 48843937 Date: 2011-08-11 ...Amended: 2012-07-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.3.2.8 /04	Ellis, A.	2012	Determination of residues of BYI 02960 following three foliar applications of BYI 02960 200 SL to trellis and bush tomatoes at rates of 100, 150 or 200 g a.i./ha seven days apart, and in glass house tomatoes at rates of 10, 15 and 20 g a.i./ 100 L seven days apart - Amendment no. 1 to the report BCS-0354 Bayer CropScience Pty. Ltd., Residue Laboratory, Eight Mile Plains, QLD, Australia Bayer CropScience, Report No.: BCS-0354, Report includes Trial Nos.: C525 C526 C683 Edition Number: M-433790-02-1 EPA MRID No.: 48843938 Date: 2012-05-31 ...Amended: 2012-07-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.3.2.8 /05	Ellis, A.	2012	Determination of residues of BYI 02960 following three foliar applications of BYI 02960 200 SL to capsicums at rates of 100, 150 or 200 g a.i./ha seven days apart - Amendment no. 1 to the report BCS-0355 Bayer CropScience Pty. Ltd., Residue Laboratory, Eight Mile Plains, QLD, Australia Bayer CropScience, Report No.: BCS-0355, Edition Number: M-432144-02-1 EPA MRID No.: 48843939 Date: 2012-05-11 ...Amended: 2012-07-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.3.2.9 /01	Netzband, D.; Niczyporowicz, L. M.	2012	BYI 02960 SL 200 - Magnitude of the residue in/on leafy vegetables (Crop Group 4) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY005, Edition Number: M-433317-01-1 EPA MRID No.: 48843904 Date: 2012-06-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.4.1 /01	[REDACTED]	2012	BYI 02960 - Magnitude of the residue in laying hens [REDACTED] Bayer CropScience, Report No.: RARVP041, Edition Number: M-428933-01-1 Date: 2012-04-05 GLP/GEP: yes, unpublished ...also filed: KIIA 4.3 /09	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.4.2 /01	[REDACTED]	2012	BYI 02960 - Magnitude of the residue in dairy cows - Amended report [REDACTED] Bayer CropScience, Report No.: RARVP050-1, Edition Number: M-428416-02-1 EPA MRID No.: 48843842 Date: 2012-04-03 ...Amended: 2012-05-31 GLP/GEP: yes, unpublished ...also filed: KIIA 4.3 /08 ...also filed: KIIA 6.1.1 /02	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.1 /01	Weber, E.	2011	Nature of the residues of [pyridinylmethyl-14C]BYI02960 in processed commodities - High temperature hydrolysis Bayer CropScience, Report No.: MEF-10/856, Edition Number: M-402311-01-2 EPA MRID No.: 48843966 Date: 2011-02-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.5.4 /01	Schulte, G.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on lettuce and head lettuce and the processed fractions (head, inner parts; leaf, outer; leaf, inner; leaf, inner, washed and washings) after spraying of BYI 02960 SL 200 in the field in the Netherlands, Belgium and Germany Bayer CropScience, Report No.: 10-3223, Report includes Trial Nos.: 10-3223-01 10-3223-02 10-3223-04 10-3223-05 Edition Number: M-426982-01-2 EPA MRID No.: 48843947 Date: 2012-03-07 GLP/GEP: yes, unpublished ...also filed: KIIA 6.5.4.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4 /02	Schulte, G.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on hop (cone, green and cone, kiln-dried) and the processed fractions (hops draff, brewer's yeast and beer) after spraying of BYI 02960 SL 200 in the field in Germany Bayer CropScience, Report No.: 10-3407, Report includes Trial Nos.: 10-3407-01 10-3407-02 Edition Number: M-425311-01-1 Date: 2012-02-13 GLP/GEP: yes, unpublished ...also filed: KIIA 6.5.4.2 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.5.4.1 /01	Schulte, G.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on lettuce and head lettuce and the processed fractions (head, inner parts; leaf, outer; leaf, inner; leaf, inner, washed and washings) after spraying of BYI 02960 SL 200 in the field in the Netherlands, Belgium and Germany Bayer CropScience, Report No.: 10-3223, Report includes Trial Nos.: 10-3223-01 10-3223-02 10-3223-04 10-3223-05 Edition Number: M-426982-01-2 EPA MRID No.: 48843947 Date: 2012-03-07 GLP/GEP: yes, unpublished ...also filed: KIIA 6.5.4 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.10 /01	Schulte, G.; Ruhl, S.	2012	Processing study - Determination of the residues of BYI 02960 in/on spring barley and the processed fractions (malt sprouts; brewer's malt; brewer's grain, hops draff; brewer's yeast; beer; pearl barley; pearl barley rub off) after spraying of BYI 02960 SL 200 in the field in Germany Bayer CropScience, Report No.: 10-3410, Report includes Trial Nos.: 10-3410-01 10-3410-02 Edition Number: M-439853-01-1 Date: 2012-10-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.5.4.11 /01	Schulte, G.; Bauer, J.	2012	Processing study - Determination of the residues of BYI 02960 in/on wheat and the processed fractions (semolina; semolina bran; whiteflour bran; white flour; white bread; whole meal; wholemeal bread and wheat germ) after spraying of BYI 02960 SL 200 in the field in Germany Bayer CropScience, Report No.: 10-3409, Report includes Trial Nos.: 10-3409-01 10-3409-02 Edition Number: M-440307-01-1 Date: 2012-10-30 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.11 /02	Lenz, C.; Fischer, D. R.	2012	BYI 02960 200 SL - Magnitude of the residue in/on wheat processed commodities Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY031, Edition Number: M-427047-01-2 EPA MRID No.: 48843959 Date: 2012-03-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.12 /01	Hoag, R. E.	2012	BYI 02960 200 SL - Magnitude of the residue in/on processed commodities for coffee; U.S., Canada and E.U. import tolerance Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVP075, Edition Number: M-433200-01-1 EPA MRID No.: 48843950 Date: 2012-06-26 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.5.4.13 /01	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on field corn processed commodities Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY030, Edition Number: M-424774-01-1 EPA MRID No.: 48843951 Date: 2012-02-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.14 /01	Lenz, C.; Beedle, E.	2012	BYI 02960 200 SL - Magnitude of the residue in cotton processed commodities (crop subgroup 20C) Bayer Corporation, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY033, Edition Number: M-433122-01-1 EPA MRID No.: 48843952 Date: 2012-06-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.15 /01	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on peanut processed commodities Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY032, Report includes Trial Nos.: RV274-10PA RV275-10PA Edition Number: M-430523-01-2 EPA MRID No.: 48843955 Date: 2012-05-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.5.4.16 /01	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on potato processed commodities Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY038, Edition Number: M-430542-01-2 EPA MRID No.: 48843956 Date: 2012-05-07 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.17 /01	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on soybean processed commodities Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY029, Report includes Trial Nos.: RV268-10PA RV269-10PA Edition Number: M-428939-01-2 EPA MRID No.: 48843957 Date: 2012-04-04 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.18 /01	Fischer, D. R.	2012	BYI 02960 200 SL - Request for Waiver of the requirements for the BYI 02960 magnitude of the residue in sugarcane processed commodities in Florida (rotational crop regional tolerance) Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVX001, Report includes Trial Nos.: RV288-10PA Edition Number: M-432700-01-1 EPA MRID No.: 48843960 Date: 2012-06-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.5.4.2 /01	Schulte, G.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on hop (cone, green and cone, kiln-dried) and the processed fractions (hops draff, brewer's yeast and beer) after spraying of BYI 02960 SL 200 in the field in Germany Bayer CropScience, Report No.: 10-3407, Report includes Trial Nos.: 10-3407-01 10-3407-02 Edition Number: M-425311-01-1 Date: 2012-02-13 GLP/GEP: yes, unpublished ...also filed: KIIA 6.5.4 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.3 /01	Schulte, G.; Teubner, L.	2012	Processing Study - Determination of the residues of BYI 02960 in/on orange (fruit and pulp) and the processed fractions (fruit, stored; whole fruit, washed; washings; raw juice; pomace, wet; pomace, dried; juice; marmalade; pulp; peel; peel washed; peel without oil; oil) after spraying of BYI 02960 SL 200 in the field in Spain Bayer CropScience, Report No.: 10-3405, Report includes Trial Nos.: 10-3405-01 10-3405-02 Edition Number: M-439410-01-1 Date: 2012-10-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.3 /02	Lenz, C.	2012	BYI 02960 200 SL - Magnitude of the residue in/on orange processed commodities Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: RARVY035, Edition Number: M-432186-01-2 EPA MRID No.: 48843954 Date: 2012-06-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.5.4.4 /01	Schulte, G.; Bauer, J.	2012	Amendment No. 1 - Determination of the residues of BYI 02960 in/on apple and the processed fractions (whole fruit, washed; washings; raw sauce; strain rest; sauce; pomace, wet; pomace, dried; raw juice; juice, retentate; peel; fruit peeled; fruit, dried) after spraying of BYI 02960 SL 200 in the field in Germany and Belgium Bayer CropScience, Report No.: 10-3171, Report includes Trial Nos.: 10-3171-03 10-3171-06 Edition Number: M-434004-02-1 Date: 2012-07-05 ...Amended: 2012-09-28 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.4 /02	Schulte, G.; Ballmann, C.	2012	Determination of the residues of BYI 02960 in/on apple and the processed fractions (whole fruit, washed; washings; raw sauce; strain rest; sauce; pomace, wet; pomace, dried; raw juice; retentate; and juice) after spray application of BYI 02960 SL 200 in the field in Italy and Spain Bayer CropScience, Report No.: 10-3172, Report includes Trial Nos.: 10-3172-03 10-3172-06 Edition Number: M-434006-01-2 Date: 2012-07-05 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.5.4.5 /01	Noss, G.; Teubner, L.	2012	Determination of the residues of BYI 02960 in/on peach and the processed fractions (whole fruit, washed; washings; peel; fruit, peeled and preserve) after spraying of BYI 02960 SL of BYI 02960 SL 200 in the field in Spain and Italy Bayer CropScience, Report No.: 10-3216, Report includes Trial Nos.: 10-3216-02 10-3216-03 Edition Number: M-439376-01-1 Date: 2012-10-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.6 /01	Noss, G.; Bauer, J.; Ruhl, S.	2011	Determination of the residues of BYI 02960 in/on grape and the processed fractions (pomace, grape; must; wine at bottling; wine at first taste test, juice, pasteurised; jelly; washings; raisin waste; raisin) after spraying of BYI 02960 SL 200 in the field in Germany Bayer CropScience, Report No.: 10-3406, Report includes Trial Nos.: 10-3406-01 10-3406-02 10-3406-03 10-3406-04 Edition Number: M-433545-01-1 EPA MRID No.: 48843953 Date: 2011-09-07 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.5.4.7 /01	Schulte, G.; Ruhl, S.	2012	Processing study - Determination of the residues of BYI 02960 in/on beet, sugar and processed fractions (body, washed; washings; pulp; raw juice; thin juice; cake, lime; thick juice; molasses; raw sugar; white sugar; pulp, extracted, wet; press liquor; pulp, extracted, pressed; pulp, extracted, dry; pulp, extracted, ensiled; and refined sugar) after spraying and incorporation of BYI 02960 SL 200 in the field in Germany Bayer CropScience, Report No.: 10-3408, Report includes Trial Nos.: 10-3408-01 10-3408-02 Edition Number: M-439824-01-1 Date: 2012-10-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.5.4.8 /01	Schulte, G.; Ballmann, C.	2012	Amendment No. 2 - Determination of the residues of BYI 02960 in/on tomato and the processed fractions (whole fruit, washed; washings; strain rest; raw juice; juice; raw puree; puree; paste; peel; peeling water; fruit peeled; preserve and tomato, dried) after spraying of BYI 02960 SL 200 in the field in southern France, Italy, Spain and Portugal Bayer CropScience, Report No.: 10-3186, Report includes Trial Nos.: 10-3186-01 10-3186-02 10-3186-03 10-3186-04 Edition Number: M-427003-03-1 Date: 2012-03-08 ...Amended: 2012-09-28 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.5.4.9 /01	Schulte, G.; Ruhl, S.	2012	Determination of the residues of BYI 02960 in/on cucumber and the processed fractions (washings; whole fruit, washed; preserve; brine; and fruit, fermented) after spraying of BYI 02960 SL 200 in the field in France (south) - Processing study Bayer CropScience, Report No.: 10-3184, Report includes Trial Nos.: 10-3184-01 10-3184-04 Edition Number: M-438180-01-1 Date: 2012-09-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.6.2 /01	A. Klempner	2011	Metabolism of [furanone-4-14C]BYI 02960 in confined rotational crops Bayer CropScience, Report No.: MEF-11/365, Edition Number: M-421861-01-3 EPA MRID No.: 48843961 Date: 2011-12-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.6.2 /02	Breuer-Rehm, M.	2011	Metabolism of [pyridinylmethyl-14C]BYI 02960 in confined rotational crops Bayer CropScience, Report No.: MEF-10/892, Edition Number: M-419853-02-1 EPA MRID No.: 48843962 Date: 2011-12-02 ...Amended: 2012-02-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.6.3 /01	Schoening, R.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on the field rotational crops barley, carrot, lettuce and turnip after spray application of BYI 02960 SL 200 on lettuce and soil in the field in Germany, the Netherlands, France (South) and Spain Bayer CropScience, Report No.: 10-2503, Report includes Trial Nos.: 10-2503-01 10-2503-02 10-2503-03 10-2503-04 Edition Number: M-429091-02-1 Date: 2012-04-11 ...Amended: 2013-01-24 GLP/GEP: yes, unpublished ...also filed: KIIA 6.6.3.1.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.6.3.1.1 /01	Schoening, R.; Bauer, J.	2012	Determination of the residues of BYI 02960 in/on the field rotational crops barley, carrot, lettuce and turnip after spray application of BYI 02960 SL 200 on lettuce and soil in the field in Germany, the Netherlands, France (South) and Spain Bayer CropScience, Report No.: 10-2503, Report includes Trial Nos.: 10-2503-01 10-2503-02 10-2503-03 10-2503-04 Edition Number: M-429091-02-1 Date: 2012-04-11 ...Amended: 2013-01-24 GLP/GEP: yes, unpublished ...also filed: KIIA 6.6.3 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 6.6.3.1.2 /01	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on the field rotational crop potato after spray application of BYI 02960 SL 200 to bare soil in the field in northern France, the Netherlands, Spain and Italy - Limited rotational crop study Bayer CropScience, Report No.: 11-2550, Report includes Trial Nos.: 11-2550-01 11-2550-02 11-2550-03 11-2550-04 Edition Number: M-438341-01-1 Date: 2012-09-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.6.3.1.3 /01	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on the field rotational crop leek after spray application of BYI 02960 SL 200 to bare soil in the field in northern France, Germany, Spain and Italy - Limited rotational crop study Bayer CropScience, Report No.: 11-2551, Report includes Trial Nos.: 11-2551-01 11-2551-02 11-2551-03 11-2551-04 Edition Number: M-438384-01-1 Date: 2012-09-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.6.3.1.4 /01	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on the field rotational crop cucumber after spray application of BYI 02960 SL 200 to bare soil in the field in northern France, Germany, Spain and Italy - Limited rotational crop study Bayer CropScience, Report No.: 11-2552, Report includes Trial Nos.: 11-2552-01 11-2552-02 11-2552-03 11-2552-04 Edition Number: M-438343-01-1 Date: 2012-09-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.6.3.1.5 /01	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on the field rotational crop onion after spray application of BYI 02960 SL 200 on bare soil in the field in France (North), Germany, Italy and Spain - Limited rotational crop study Bayer CropScience, Report No.: 11-2553, Report includes Trial Nos.: 11-2553-01 11-2553-02 11-2553-03 11-2553-04 Edition Number: M-438397-01-1 Date: 2012-09-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.6.3.1.6 /01	Schulte, G.	2012	Amendment no. 1 to report no: 11.2555 - Determination of the residues of BYI 02960 in/on the field rotational crop french bean after spray application of BYI 02960 SL 200 to bare soil in the field in northern France, Germany, Italy and Spain - Limited rotational crop study Bayer CropScience, Report No.: 11-2555, Report includes Trial Nos.: 11-2555-01 11-2555-02 11-2555-03 11-2555-04 Edition Number: M-438394-02-1 Date: 2012-09-14 ...Amended: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.6.3.1.7 /01	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on the field rotational crop pea after spray application of BYI 02960 SL 200 on bare soil in the field in France (North), Germany, Italy and Spain - Limited rotational crop study Bayer CropScience, Report No.: 11-2556, Report includes Trial Nos.: 11-2556-01 11-2556-02 11-2556-03 11-2556-04 Edition Number: M-438582-01-1 Date: 2012-09-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 6.6.3.1.8 /01	Schulte, G.	2012	Determination of the residues of BYI 02960 in/on the field rotational crop rape after spray application of BYI 02960 SL 200 on bare soil in the field in nothern France, Germany, Italy and Spain Bayer CropScience, Report No.: 11-2554, Report includes Trial Nos.: 11-2554-01 11-2554-02 11-2554-03 11-2554-04 Edition Number: M-443092-01-1 Date: 2012-12-07 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 6.6.3.2 /01	Krolski, M. E.; Dallstream, K. A.	2012	BYI 02960, fenamidone, fluopyram, and spiromesifen - Magnitude of the residue in sugarcane in Florida (rotational crop regional Tolerance) Bayer CropScience LP, RTP, NC, USA Bayer CropScience, Report No.: RARVP030, Report includes Trial Nos.: RV001-11RA RV002-11RA RV286-10RA RV287-10RB Edition Number: M-432179-01-2 EPA MRID No.: 48843964 Date: 2012-05-25 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.1.1 /01	Menke, U.	2011	[Pyridinylmethyl-14C]BYI 02960: Aerobic soil metabolism/degradation and time-dependent sorption in soils Bayer CropScience, Report No.: MEF-07/334, Edition Number: M-414615-01-2 EPA MRID No.: 48843674 Date: 2011-08-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.2.1 /01 ...also filed: KIIA 7.4.1 /03	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.1.1 /02	Menke, U.; Unold, M.	2011	[Furanone-4-14C]BYI 02960: Aerobic soil metabolism/degradation Bayer CropScience, Report No.: MEF-10/804, Edition Number: M-411625-01-2 EPA MRID No.: 48843676 Date: 2011-07-28 GLP/GEP: yes, unpublished ...also filed: KIIA 7.2.1 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.1.1 /03	Ripperger, R. J.	2011	[Furanone-4-14C]BYI 02960: Aerobic soil metabolism in two US soils Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP037-2, Edition Number: M-405497-03-1 EPA MRID No.: 48843677 Date: 2011-01-14 ...Amended: 2012-01-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.2.1 /03	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.1.1 /04	Menke, U.; Unold, M.	2011	[Ethyl-1-14C]BYI 02960: Aerobic soil metabolism Bayer CropScience, Report No.: MEF-10/858, Edition Number: M-414981-01-1 EPA MRID No.: 48843679 Date: 2011-09-08 GLP/GEP: yes, unpublished ...also filed: KIIA 7.2.1 /04	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.1.1 /05	Menke, U.; Unold, M.	2011	[Pyridine-2,6-14C]BYI 02960: Aerobic soil metabolism Bayer CropScience, Report No.: MEF-10/880, Edition Number: M-411693-01-2 EPA MRID No.: 48843681 Date: 2011-07-28 GLP/GEP: yes, unpublished ...also filed: KIIA 7.2.1 /05	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.1.1 /06	Shepherd, J. J.	2011	[Pyridine-2,6-14C]BYI 02960: Aerobic soil metabolism in two US soils Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP038-1, Edition Number: M-413425-02-1 EPA MRID No.: 48843682 Date: 2011-09-06 ...Amended: 2012-01-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.2.1 /06 ...also filed: KIIA 7.2.3 /04	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.1.2 /01	Menke, U.; Unold, M.	2012	[Furanone-4-14C] and [Ethyl-1-14C] and [Pyridine-2,6-14C]BYI 02960: Anaerobic Soil Metabolism Bayer CropScience, Report No.: MEF-11/514, Edition Number: M-421504-01-2 EPA MRID No.: 48843686 Date: 2012-01-03 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.1.2 /02	Mislankar, S. G.; Woodard, D.	2012	[Pyridine-2,6-14C]BYI 02960: Anaerobic soil metabolism Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP094, Edition Number: M-421993-01-1 Date: 2012-01-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.1.2 /03	Woodard, D.	2012	[Pyridine-2,614C]BYI 02960: Anaerobic soil metabolism in Springfield, Nebraska (USA) soil Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVL006, Edition Number: M-424987-01-1 Date: 2012-02-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.1.3 /01	Menke, U.; Unold, M.	2011	[Pyridinylmethyl-14C]BYI 02960 and [furanone-4-14C]BYI 02960: Phototransformation on soil Bayer CropScience, Report No.: MEF-10/351, Edition Number: M-405776-01-2 EPA MRID No.: 48843672 Date: 2011-03-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /01	Bogdoll, B.; Strunk, B.	2011	BCS-CC98193 (BYI 02960-DFEAF): Water solubility at pH 5, pH 7 and pH 9 (flask method) Bayer CropScience, Report No.: PA11/018, Edition Number: M-415753-01-1 Date: 2011-10-04 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /02	Wiche, A.; Ziemer, F.	2011	BCS-CR74729 (BYI 02960-succinamide): Water solubility at pH 5, pH 7 and pH 9 (flask method) Bayer CropScience, Report No.: PA11/078, Edition Number: M-416651-01-1 Date: 2011-11-04 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /03	Ziemer, F.; Strunk, B.	2011	BCS-CU93236 (BYI 02960-azabicyclosuccinamide Na-salt): Water solubility at pH 5, pH 7 and pH 9 (flask method) Bayer CropScience, Report No.: PA11/094, Edition Number: M-417069-01-1 Date: 2011-11-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.13 /04	Bogdoll, B.; Strunk, B.	2011	<p>Diffuoroacetic acid (BCS-AA56716): Miscibility with distilled water and solubility in water in a pH range of 1.6 to 13</p> <p>Bayer CropScience, Report No.: PA10/042, Edition Number: M-418554-01-1 Date: 2011-11-29 GLP/GEP: yes, unpublished</p>	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /05	Kenji, M.	2001	<p>Solubility of IC-0 in water</p> <p>Nisso Chemical Analysis Serv. Co., Ltd., Japan Nippon Soda, Report No.: C016679, Edition Number: M-202871-01-1 Date: 2001-09-27 GLP/GEP: yes, unpublished</p>	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /06	Eyrich, U.; Ziemer, F.	2011	<p>BCS-CR74729 (BYI 02960-succinamide): Partition coefficients 1-octanol / water at pH 5, pH 7 and pH 9 (shake flask method)</p> <p>Bayer CropScience, Report No.: PA11/079, Edition Number: M-416883-01-1 Date: 2011-11-04 GLP/GEP: yes, unpublished</p>	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /07	Eyrich, U.; Ziemer, F.	2011	<p>BCS-CU93236 (BYI 02960-azabicyclosuccinamide Na-salt): Partition coefficients 1-octanol / water at pH 5, pH 7 and pH 9 (shake flask method)</p> <p>Bayer CropScience, Report No.: PA11/093, Edition Number: M-416656-01-1 Date: 2011-11-04 GLP/GEP: yes, unpublished</p>	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.13 /08	Eyrich, U.; Ziemer, F.	2011	Difluoroacetic acid (BCS-AA56716): Partition coefficients 1-octanol / water at pH 5, pH 7 and pH 9 (shake flask method) Bayer CropScience, Report No.: PA10/043, Edition Number: M-416624-01-1 Date: 2011-11-04 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /09	Shirou, H.	2001	Partition coefficient (n-octanol/water) of IC-0 Nisso Chemical Analysis Serv. Co., Ltd., Japan Nippon Soda, Report No.: C017442, Edition Number: M-204285-01-1 Date: 2001-11-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /10	Wiche, A.; Bogdoll, B.	2011	BCS-CC98193 (BYI 02960-DFEAF): Dissociation constant in water Bayer CropScience, Report No.: PA11/021, Edition Number: M-415757-01-1 Date: 2011-10-04 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /11	Winkler, S.	2011	Difluoro acetic acid (BCS-AA56716): Determination of the dissociation constant in water Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20100366.02, Edition Number: M-418626-01-1 Date: 2011-11-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /12	Kenji, M.	2001	Dissociation constant of IC-0 Nisso Chemical Analysis Serv. Co., Ltd., Japan Nippon Soda, Report No.: C016811, Edition Number: M-203097-01-1 Date: 2001-10-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.13 /13	Dornhagen, J.	2011	BCS-CC98193 (BYI 02960-DFEAF): Vapour pressure Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20110091.01, Edition Number: M-420457-01-1 Date: 2011-11-07 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.13 /14	Smeykal, H.	2011	Difluoroacetic acid (BCS-AA56716): Vapour pressure Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20100366.01, Edition Number: M-418553-01-1 Date: 2011-11-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.2.1 /01	Menke, U.	2011	[Pyridinylmethyl-14C]BYI 02960: Aerobic soil metabolism/degradation and time-dependent sorption in soils Bayer CropScience, Report No.: MEF-07/334, Edition Number: M-414615-01-2 EPA MRID No.: 48843674 Date: 2011-08-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /01 ...also filed: KIIA 7.4.1 /03	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.2.1 /02	Menke, U.; Unold, M.	2011	[Furanone-4-14C]BYI 02960: Aerobic soil metabolism/degradation Bayer CropScience, Report No.: MEF-10/804, Edition Number: M-411625-01-2 EPA MRID No.: 48843676 Date: 2011-07-28 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.2.1 /03	Ripperger, R. J.	2011	[Furanone-4-14C]BYI 02960: Aerobic soil metabolism in two US soils Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP037-2, Edition Number: M-405497-03-1 EPA MRID No.: 48843677 Date: 2011-01-14 ...Amended: 2012-01-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /03	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.2.1 /04	Menke, U.; Unold, M.	2011	[Ethyl-1-14C]BYI 02960: Aerobic soil metabolism Bayer CropScience, Report No.: MEF-10/858, Edition Number: M-414981-01-1 EPA MRID No.: 48843679 Date: 2011-09-08 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /04	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.2.1 /05	Menke, U.; Unold, M.	2011	[Pyridine-2,6-14C]BYI 02960: Aerobic soil metabolism Bayer CropScience, Report No.: MEF-10/880, Edition Number: M-411693-01-2 EPA MRID No.: 48843681 Date: 2011-07-28 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /05	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

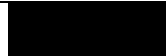

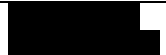

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner
KIIA 7.2.1 /06	Shepherd, J. J.	2011	[Pyridine-2,6-14C]BYI 02960: Aerobic soil metabolism in two US soils Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP038-1, Edition Number: M-413425-02-1 EPA MRID No.: 48843682 Date: 2011-09-06 ...Amended: 2012-01-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /06 ...also filed: KIIA 7.2.3 /04	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.2.3 /01	Lowden, P.; Oddy, A. M.; Jones, M. K.	1997	Rate of degradation of the acid metabolite, (14C)-IC-O in three soils NI-25 Rhone-Poulenc Agriculture Ltd., Ongar, Essex, United Kingdom Bayer CropScience, Report No.: C007660, Edition Number: M-196378-01-1 Date: 1997-08-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.2.3 /04	Shepherd, J. J.	2011	[Pyridine-2,6-14C]BYI 02960: Aerobic soil metabolism in two US soils Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP038-1, Edition Number: M-413425-02-1 EPA MRID No.: 48843682 Date: 2011-09-06 ...Amended: 2012-01-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /06 ...also filed: KIIA 7.2.1 /06	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.3.1 /01	Heinemann, O.	2011	Determination of the residues of BYI 02960 in/on soil after spraying of BYI 02960 SL 200 in the field in Germany, Italy, Spain and the United Kingdom Bayer CropScience, Report No.: 09-2702, Report includes Trial Nos.: 09-2702-01 09-2702-02 09-2702-03 09-2702-05 09-2702-06 09-2702-07 Edition Number: M-414245-01-1 Date: 2011-09-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.4.1 /01	Menke, U.; Telscher, M.	2008	[Pyridinylmethyl-14C]BYI 02960: Adsorption to and desorption from soils Bayer CropScience, Report No.: MEF-08/261, Edition Number: M-327492-01-2 EPA MRID No.: 48843662 Date: 2008-12-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.4.1 /02	Stroech, K.	2010	[Pyridinylmethyl-14C]BYI 02960: Adsorption/desorption on two soils Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP017, Edition Number: M-363541-01-1 EPA MRID No.: 48843663 Date: 2010-01-29 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.4.1 /03	Menke, U.	2011	[Pyridinylmethyl-14C]BYI 02960: Aerobic soil metabolism/degradation and time-dependent sorption in soils Bayer CropScience, Report No.: MEF-07/334, Edition Number: M-414615-01-2 EPA MRID No.: 48843674 Date: 2011-08-05 GLP/GEP: yes, unpublished ...also filed: KIIA 7.1.1 /01 ...also filed: KIIA 7.2.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.4.2 /01	Liu, A. C.	1997	Soil adsorption/desorption study 6-chloronicotinic acid (Acetamiprid metabolite) Rhone-Poulenc Ag Company, RTP, NC, USA Bayer CropScience, Report No.: C007666, Edition Number: M-196394-01-1 Date: 1997-09-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.4.2 /02	Menke, U.; Unold, M.	2011	[1-14C]BYI 02960-DFA (BCS-AB60481): Adsorption to and desorption from five soils Bayer CropScience, Report No.: MEF-10/538, Edition Number: M-413836-01-2 EPA MRID No.: 48843665 Date: 2011-08-26 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.4.3 /01	de Souza, T. J. T.	2012	Amendment no 001 to final report - Mobility of [Pyridine-2,6-14C]-BYI 02960 in Brazilian soils - Soil columns leaching method Bioensaios Analises e Consultoria Ambiental S/C Ltda., Viamao, Brazil Bayer CropScience, Report No.: 2301-LIX-344-11, Edition Number: M-424966-02-2 Date: 2012-02-08 ...Amended: 2012-06-05 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.4.9 /01	Smeykal, H.	2008	BYI 02960, pure substance: Vapour pressure - Final report Siemens AG, Frankfurt am Main, Germany Bayer CropScience, Report No.: 20080615.01, Edition Number: M-309853-01-1 Date: 2008-10-10 GLP/GEP: yes, unpublished ...also filed: KIIA 2.3.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.5 /01	Mislankar, S.; Woodard, D.	2011	BYI-02960: Hydrolytic degradation Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERV019, Edition Number: M-398952-01-1 Date: 2011-01-07 GLP/GEP: yes, unpublished ...also filed: KIIA 2.9.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.6 /01	Hall, L. R.	2011	Phototransformation of [¹⁴ C]BYI 02960 in aqueous pH 7 buffer - amended report Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERV042-1, Edition Number: M-418426-02-1 Date: 2011-11-28 ...Amended: 2012-03-05 GLP/GEP: yes, unpublished ...also filed: KIIA 2.9.2 /01 ...also filed: KIIA 2.9.4 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.6 /02	Heinemann, O.	2011	BYI 02960: Determination of the quantum yield and assessment of the environmental half-life of the direct photo-degradation in water Bayer CropScience, Report No.: MEF-11/554, Edition Number: M-414756-01-2 EPA MRID No.: 48843668 Date: 2011-09-26 GLP/GEP: yes, unpublished ...also filed: KIIA 2.9.3 /01 ...also filed: KIIA 2.9.4 /02	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.6 /03	Hall, L. R.	2011	Phototransformation of [14C]BYI 02960 in natural water Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP020, Edition Number: M-415368-01-1 Date: 2011-08-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.8.2 /01	Xu, T.	2012	[Pyridine-2,6-14C]BYI 02960: Anaerobic aquatic metabolism in two water/sediment systems Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: MERVP027, Edition Number: M-422616-01-1 Date: 2012-01-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.8.3 /01	Hellpointner, E.; Unold, M.	2012	[Pyridine-2,6-14C]BYI 02960: Aerobic aquatic metabolism Bayer CropScience, Report No.: MEF-11/907, Edition Number: M-422359-01-1 EPA MRID No.: 48843690 Date: 2012-01-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.8.3 /02	Unold, M.; Menke, U.	2012	[Furanone-4-14C] and [ethyl-1-14C]BYI 02960: Aerobic aquatic metabolism Bayer CropScience, Report No.: MEF-10/730, Edition Number: M-426504-01-1 EPA MRID No.: 48843692 Date: 2012-02-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 7.8.3 /03	Hellpointner, E.; Unold, M.	2012	[1-14C]BYI 02960-DFA (BCS-AB60481): Aerobic aquatic degradation Bayer CropScience, Report No.: M-422371-01-1 , Edition Number: M-422371-01-1 EPA MRID No.: 48843691 Date: 2012-01-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 7.8.3 /04	Bruns, E.	2012	Fate of BYI 02960 (tech.) in outdoor microcosm ponds simulating actual exposure conditions in agricultural use Bayer CropScience, Report No.: EBRVP109, Edition Number: M-427167-01-1 Date: 2012-03-20 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.1.1 /01		2010	Toxicity of BYI 02960 technical during an acute oral LD50 with the northern bobwhite quail (Colinus virginianus)  Bayer CropScience, Report No.: EBRVP022, Edition Number: M-386036-01-1 EPA MRID No.: 48843715 Date: 2010-07-14 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.1.1 /02		2011	Toxicity of BYI 02960 technical during an acute oral LD50 with the canary (Serinus canaria)  Bayer CropScience, Report No.: EBRVP036, Edition Number: M-408514-01-1 EPA MRID No.: 48843716 Date: 2011-05-25 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.1.1 /03	[REDACTED]	2011	Acute oral toxicity of chicken (Gallus gallus domesticus) with BYI 2960 (tech.), according to OECD 223 - limit test- Bayer CropScience, Report No.: BAR/LD 141, Edition Number: M-420519-01-2 Date: 2011-12-19 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.1.2 /01	[REDACTED]	2010	Toxicity of BYI 02960 technical during an acute dietary LC50 with the mallard duck (Anas platyrhynchos) [REDACTED] Bayer CropScience, Report No.: EBRVP020, Edition Number: M-388718-01-1 EPA MRID No.: 48843719 Date: 2010-08-26 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.1.2 /02	[REDACTED]	2010	Toxicity of BYI 02960 technical during an acute dietary LC50 with the northern bobwhite quail (Colinus virginianus) [REDACTED] Bayer CropScience, Report No.: EBRVP021, Edition Number: M-394535-01-1 EPA MRID No.: 48843718 Date: 2010-11-10 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.1.4 /01	[REDACTED]	2011	Toxicity of BYI 02960 technical on reproduction to the mallard duck (Anas platyrhynchos) [REDACTED] Bayer CropScience, Report No.: EBRVP018-1, Edition Number: M-412917-02-1 EPA MRID No.: 48843721 Date: 2011-08-25 ...Amended: 2012-03-19 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.1.4 /02	[REDACTED]	2012	Toxicity of BYI 02960 technical on reproduction to the northern bobwhite quail (<i>Colinus virginianus</i>) [REDACTED] Bayer CropScience, Report No.: EBRVP019, Edition Number: M-424704-01-2 EPA MRID No.: 48843720 Date: 2012-02-09 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.10.1 /01	Frommholz, U.	2009	BYI 02960 a.s.: Determination of effects on nitrogen transformation in soil Bayer CropScience, Report No.: FRM-N-130/09, Edition Number: M-359803-01-2 Date: 2009-12-03 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.10.1 /02	Frommholz, U.	2011	6-chloronicotinic acid (AE F161089): Determination of effects on nitrogen transformation in soil Bayer CropScience, Report No.: FRM-N-156/11, Edition Number: M-408028-01-2 Date: 2011-05-20 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.10.2 /01	Schulz, L.	2011	BYI 02960 a.s.: Effects on the activity of soil microflora (carbon transformation test) BioChem agrar GmbH, Gerichshain, Germany Bayer CropScience, Report No.: 11 10 48 058 C, Edition Number: M-417194-01-2 EPA MRID No.: 48843754 Date: 2011-11-11 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.11.1 /01	[REDACTED]	2009	Acute toxicity of BYI 02960 technical to the sheepshead minnow (<i>Cyprinodon variegatus</i>) under static conditions [REDACTED] Bayer CropScience, Report No.: EBRVP034, Edition Number: M-357479-01-1 EPA MRID No.: 48843710 Date: 2009-10-14 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.11.1 /02	Gallagher, S. P.; Kendall, T. Z.; Krueger, H. O.	2009	BYI 02960: A 96-hour shell deposition test with the eastern oyster (<i>Crassostrea virginica</i>) Wildlife International, Ltd., Easton, MD, USA Bayer CropScience, Report No.: EBRVP023, Edition Number: M-361668-01-1 EPA MRID No.: 48843703 Date: 2009-12-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.11.1 /03	Gallagher, S. P.; Kendall, T. Z.; Krueger, H. O.	2009	BYI 02960: A 96-hour static acute toxicity test with the saltwater mysid (<i>Americamysis bahia</i>) Wildlife International, Ltd., Easton, MD, USA Bayer CropScience, Report No.: 149A-236, Edition Number: M-364620-01-1 EPA MRID No.: 48843704 Date: 2009-12-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.11.1 /04	Claude, M. B.; Kendall, T. Z.; Krueger, H. O.	2011	BYI 02960: A flow-through life-cycle toxicity test with the saltwater mysid (<i>Americamysis bahia</i>) Wildlife International, Ltd., Easton, MD, USA Bayer CropScience, Report No.: EBRVP038, Edition Number: M-420783-01-1 Date: 2011-09-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.12 /01	Gosch, H.	2010	BYI 02960 SL 200 g/L - Effects on the vegetative vigour of eleven species of non-target terrestrial plants (Tier 1) Bayer CropScience, Report No.: VV 10/002, Edition Number: M-397734-01-2 EPA MRID No.: 48843730 Date: 2010-12-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.12 /02	Gosch, H.	2010	BYI 02960 SL 200 g/L - Effects on the seedling emergence and growth of eleven species of non-target terrestrial plants (Tier 1) Bayer CropScience, Report No.: SE10/001, Edition Number: M-397727-01-2 EPA MRID No.: 48843729 Date: 2010-12-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /01	Frommholz, U.	2009	BYI 02960 SL 200 G: Influence on the reproduction of the collembola species Folsomia candida tested in artificial soil with 5 % peat Bayer CropScience, Report No.: FRM-COLL-75/09, Edition Number: M-359728-01-2 EPA MRID No.: 48843755 Date: 2009-12-02 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /02	Frommholz, U.	2010	Metabolite BYI 02960-difluoroacetic acid: Influence on the reproduction of the collembolan species Folsomia candida tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-85/10, Edition Number: M-368675-01-3 EPA MRID No.: 48843756 Date: 2010-05-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.14 /03	Frommholz, U.	2011	6-chloronicotinic acid (AE F161089): Influence on the reproduction of the collembolan species Folsomia candida tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-111/11, Edition Number: M-407861-01-2 Date: 2011-05-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /04	Kratz, M.-A.	2009	BYI 02960 SL 200 G: Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil with 5 % peat Bayer CropScience, Report No.: KRA-HR-19/09, Edition Number: M-358752-01-2 EPA MRID No.: 48843758 Date: 2009-11-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /05	Kratz, M.-A.	2010	BYI 02960-DFA (BCS-AA56716): Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil with 5 % peat Bayer CropScience, Report No.: KRA-HR-27/10, Edition Number: M-390091-01-2 Date: 2010-09-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /06	Kratz, M.-A.	2011	6-chloronicotinic acid (AE F161089): Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil Bayer CropScience, Report No.: KRA-HR-44/11, Edition Number: M-404434-01-2 EPA MRID No.: 48843760 Date: 2011-03-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.15 /01	Caspers, N.	2010	Activated sludge, respiration inhibition test with BYI 02960 (tech.) Currenta GmbH & Co. OHG, Leverkusen, Germany Bayer CropScience, Report No.: 2010/0089/01, Edition Number: M-377311-01-1 Date: 2010-06-21 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /01	Kling, A.	2011	BYI 02960 - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days laboratory feeding test Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-02924, Report includes Trial Nos.: S10-02924-L1_BLEU Edition Number: M-400539-01-2 Date: 2011-01-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /02	Kling, A.	2012	BYI 02960-difluoroethyl-amino-furanone (BYI 02960-DFEAF) - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01959, Report includes Trial Nos.: S11-01959-L1_BLCF Edition Number: M-425174-01-2 EPA MRID No.: 48843763 Date: 2012-02-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer



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KIIA 8.16.1 /03	Kling, A.	2012	BYI 02960-hydroxy - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01960, Report includes Trial Nos.: S11-01960-L1_BLCF Edition Number: M-425212-01-2 EPA MRID No.: 48843764 Date: 2012-02-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /04	Kling, A.	2012	Difluoroacetic acid - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01939, Report includes Trial Nos.: S11-01939-L1_BLCF Edition Number: M-425105-01-1 Date: 2012-02-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /05	Kling, A.	2012	6-chloronicotinic acid - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01957, Report includes Trial Nos.: S11-01957-L1_BLCF Edition Number: M-425155-01-2 EPA MRID No.: 48843766 Date: 2012-02-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.1 /06	Kling, A.	2012	6-chloropicolyl alcohol - Assessment of chronic effects to the honey bee, <i>Apis mellifera</i> L., in a 10 days continuous laboratory feeding limit test Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01958, Report includes Trial Nos.: S11-01958-L1_BLCF Edition Number: M-425159-01-2 EPA MRID No.: 48843767 Date: 2012-02-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /07	Nikolakis, A.; Theis, M.; Przygoda, D.	2011	BYI 02960 tech.: Effects of exposure to spiked diet on honeybee larvae (<i>Apis mellifera carnica</i>) in an in vitro laboratory testing design Bayer CropScience, Report No.: E 318 3897-9, Edition Number: M-406645-01-3 EPA MRID No.: 48843768 Date: 2011-05-02 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /09	Gladbach, D.; Theis, M.; Przygoda, D.; Nikolakis, A.	2013	Assessment of chronic effects of BYI 02960 tech. to the honey bee, <i>Apis mellifera</i> L., in a 10 days continuous laboratory feeding test Bayer CropScience, Report No.: E 318 4561-8, Edition Number: M-462475-01-1 Date: 2013-08-26 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /01	Leicher, T.	2011	BYI 02960: Effects on soil litter degradation after spray application Bayer CropScience, Report No.: LRT-SLD-45/11, Edition Number: M-413408-01-2 Date: 2011-09-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.2 /02	Leicher, T.	2011	BYI 02960: Effects on soil litter degradation if applied as seed treatment Bayer CropScience, Report No.: LRT-SLD-46/11, Edition Number: M-413416-01-2 Date: 2011-09-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /03	Nikolakis, A.; Krieg, V.; Aumeier, P.; Gladbach, D.	2012	Honey bee colony feeding study, evaluating the effects of BYI 02960-fortified sugar- and pollen diet on the development of honey bee colonies under confined semi-field conditions, followed by a post-exposure field observation period Bayer CropScience, Report No.: E 319 4111-0, Edition Number: M-438748-01-1 EPA MRID No.: 48843771 Date: 2012-09-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /04	Rexer, H. U.	2012	Assessment of side effects on the honeybee (<i>Apis mellifera</i> L.), exposed to winter oil-seed rape, grown from seeds treated with BYI 02960 FS 480 G and sequentially sprayed with BYI 02960 SL 200 G during immediate pre- and full flowering in a long-term field study in Northern Germany Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03261, Report includes Trial Nos.: 2012-09-27 S10-03261-L2 S10-03261-L3 Edition Number: M-438818-01-1 Date: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.2 /05	Rexer, H. U.	2012	Assessment of side effects on the honeybee (<i>Apis mellifera</i> L.), exposed to winter oil-seed rape, grown from seeds treated with BYI 02960 FS 480 G and sequentially sprayed with BYI 02960 SL 200 G during immediate pre- and full flowering in a long-term field study in France Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03262, Report includes Trial Nos.: S10-03262-01 S10-03262-02 Edition Number: M-438819-01-1 Date: 2012-07-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /06	Gould, T. J.; Lawrence, J.; Harbin, A. M.	2012	Determination of residues of BYI 02960 in blossoms, nectar, and pollen when applied via soil drench and Foliar Spray to melon under semi-field Conditions in North Carolina Eurofins Agrosience Services, Inc., Mebane, NC, USA Bayer CropScience, Report No.: RARVP019, Edition Number: M-435037-01-1 EPA MRID No.: 48844525 Date: 2012-07-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /07	Bocksch, S.	2012	Determination of residues of BYI 02960 applied via drench application in watermelon in the semi-field Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S09-01391, Report includes Trial Nos.: S09-01391-01_BZEU Edition Number: M-424666-01-2 EPA MRID No.: 48844522 Date: 2012-02-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.2 /08	Bocksch, S.	2012	Determination of residues of BYI 02960 applied via drench application in tomato in the semi-field Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03818, Report includes Trial Nos.: S10-03818-01 Edition Number: M-424683-01-2 EPA MRID No.: 48844521 Date: 2012-02-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /09	Bocksch, S.	2012	Determination of residues of BYI 02960 applied via drench application in watermelon in the semi-field Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03825, Report includes Trial Nos.: S10-03825-01 Edition Number: M-424675-01-2 EPA MRID No.: 48844523 Date: 2012-02-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /10	Rexer, H. U.	2013	Determination of residues of BYI 02960 after application of BYI 02960 SL 200 G once before and once during flowering in a semi-field honeybee (Apis mellifera L.) study in Phacelia tanacetifolia in 2012 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S12-00038, Report includes Trial Nos.: S12-00038-L1 S12-00038-L2 Edition Number: M-457246-01-1 Date: 2013-05-31 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.2 /11	Rexer, H. U.	2012	A field study to determine residues of BYI 02960 in guttation liquid from winter oil-seed rape (OSR) plants in Northern Germany in 2010/2011 Eurofins Agroscience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03312, Report includes Trial Nos.: S10-03312-01 Edition Number: M-438826-01-1 Date: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /12	Rexer, H. U.	2012	A field study to determine residues of BYI 02960 in guttation liquid from winter oil-seed rape (OSR) plants in France in 2010/2011 Eurofins Agroscience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03313, Report includes Trial Nos.: S10-03313-01 Edition Number: M-438829-01-1 Date: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.2.1.1 /01		2010	Acute toxicity of BYI 02960 technical to the rainbow trout (Oncorhynchus mykiss) under static conditions  Bayer CropScience, Report No.: EBRVP041, Edition Number: M-390611-01-1 EPA MRID No.: 48843705 Date: 2010-09-27 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.2.1.1 /02	[REDACTED]	2011	Acute toxicity of BYI 02960 to <i>Xenopus laevis</i> under flow-through conditions [REDACTED] Bayer CropScience, Report No.: EBRVP187, Edition Number: M-417822-01-1 EPA MRID No.: 48843737 Date: 2011-11-18 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.2.1.2 /01	[REDACTED]	2010	Acute toxicity of BYI 02960 technical to the fathead minnow (<i>Pimephales promelas</i>) under static conditions [REDACTED] Bayer CropScience, Report No.: EBRVP035, Edition Number: M-392560-01-1 EPA MRID No.: 48843706 Date: 2010-10-21 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.2.1.2 /02	[REDACTED]	2011	Acute toxicity of BYI 02960 (tech.) to fish (<i>Cyprinus carpio</i>) under static conditions (limit test) Bayer CropScience, Report No.: EBRVP186, Edition Number: M-420407-01-2 Date: 2011-12-19 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.2.1.3 /01	[REDACTED]	2011	Acute toxicity of BYI 02960 succinamide (tech.) to fish (<i>Oncorhynchus mykiss</i>) under static conditions (limit test) Bayer CropScience, Report No.: EBRVP203, Edition Number: M-414293-01-2 Date: 2011-09-21 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.2.1.3 /02	[REDACTED]	2011	Acute toxicity of sodium difluoro acetate (BCS AB60481, tech.) to fish (Oncorhynchus mykiss) under static conditions (limit test) Bayer CropScience, Report No.: EBRVP080, Edition Number: M-413889-01-2 Date: 2011-09-12 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.2.4 /01	[REDACTED]	2011	Early life stage toxicity of BYI 02960 technical to the Fathead minnow (Pimephales promelas) under flow-through conditions [REDACTED] Bayer CropScience, Report No.: EBRVP033, Edition Number: M-409339-01-1 EPA MRID No.: 48843714 Date: 2011-06-14 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.1.1 /01	Banman, C. S.; Lam, C. V.	2009	Acute toxicity of BYI 02960 to Daphnia magna under static conditions Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: EBRVP032, Edition Number: M-357476-01-1 EPA MRID No.: 48843701 Date: 2009-10-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.1.1 /02	Bruns, E.	2011	Acute toxicity of BCS-AB60481 to the waterflea Daphnia magna in a static laboratory test system - limit test- Bayer CropScience, Report No.: EBRVP079, Edition Number: M-409326-01-2 Date: 2011-06-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.3.1.1 /03	McElligott, A.	1997	Acute toxicity (48 hours) to Daphnids (Daphnia magna) under semi-static conditions IC-0 Rhône-Poulenc Agro, Sophia Antipolis, France Bayer CropScience, Report No.: SA97045, Edition Number: M-196569-01-1 Date: 1997-05-20 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.1.2 /01	Bruns, E.	2011	Acute toxicity of BYI 02960 (tech.) to larvae of Chironomus riparius in a 48 h static laboratory test system Bayer CropScience, Report No.: EBRVP026, Edition Number: M-414739-01-2 Date: 2011-09-26 GLP/GEP: yes, unpublished ...also filed: KIIA 8.5.1 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.1.2 /02	Bruns, E.	2011	Acute toxicity of BYI 02960-succinamide to larvae of Chironomus riparius in a 48 h static laboratory test system Bayer CropScience, Report No.: EBRVP202, Edition Number: M-417386-01-2 Date: 2011-11-17 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.1.2 /03	Bruns, E.	2012	Acute toxicity of BYI 02960-azabicyclosuccinamide (BCS-CS64875) to larvae of Chironomus riparius in a 48 h static laboratory test system Bayer CropScience, Report No.: EBRVP207, Edition Number: M-424404-01-1 Date: 2012-02-02 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.3.1.2 /04	Bowers, L. M.; Lam, C. V.	1998	Acute toxicity of 6-chloronicotinic acid (a metabolite of imidacloprid) to Chironomus tentans under static renewal conditions Bayer Corporation, Stilwell, KS, USA Bayer CropScience, Report No.: 108127, Edition Number: M-048448-01-1 EPA MRID No.: 44558901 Date: 1998-04-23 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.2.1 /01	Riebschlaeger, T.	2011	Effects of BYI 02960 (techn.) on development and reproductive output of the waterflea Daphnia magna in a static-renewal laboratory test system Bayer CropScience, Report No.: EBRVP209, Edition Number: M-414066-01-2 EPA MRID No.: 48843711 Date: 2011-09-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.2.1 /02	Riebschlaeger, T.	2012	Influence of BYI02960-succinamide (tech.) on development and reproductive output of the waterflea Daphnia magna in a static-renewal laboratory test system Bayer CropScience, Report No.: EBRVP185, Edition Number: M-424700-01-2 EPA MRID No.: 48843712 Date: 2012-02-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.2.2 /01	Bruns, E.	2011	Chironomus riparius 28-day chronic toxicity test with BYI 02960 (tech.) in a water-sediment system using spiked water Bayer CropScience, Report No.: EBRVP025, Edition Number: M-401792-01-2 Date: 2011-02-14 GLP/GEP: yes, unpublished ...also filed: KIIA 8.5.2 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.3.2.2 /02	Bruns, E.	2011	Chironomus riparius 28-day chronic toxicity test with Sodium difluoroacetate in a water-sediment system using spiked water - limit test Bayer CropScience, Report No.: EBRVP181, Edition Number: M-415913-01-2 Date: 2011-10-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.3.2.2 /03	Bruns, E.	2011	Chironomus riparius 28-day chronic toxicity test with 6-Chloronicotinic acid in a water-sediment system using spiked water - limit test Bayer CropScience, Report No.: EBRVP183, Edition Number: M-416604-02-2 Date: 2011-10-18 ...Amended: 2011-12-20 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.4 /01	Banman, C. S.; Lam, C. V.	2010	Toxicity of BYI 02960 technical to the green alga Pseudokirchneriella subcapitata Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: EBRVP030, Edition Number: M-397552-01-1 EPA MRID No.: 48843732 Date: 2010-12-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.4 /02	Bruns, E.	2011	Pseudokirchneriella subcapitata growth inhibition test with BCS-AB60481 - limit test Bayer CropScience, Report No.: EBRVP077, Edition Number: M-409118-01-2 Date: 2011-06-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.4 /03	Sobczyk, H.	2011	Pseudokirchneriella subcapitata growth inhibition test with BYI 02960 - succinamide - limit test Bayer CropScience, Report No.: EBRVP184, Edition Number: M-414090-01-2 Date: 2011-09-23 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.4 /04	Bruns, E.	2012	Pseudokirchneriella subcapitata growth inhibition test with 6 - chloronicotinic acid Bayer CropScience, Report No.: EBRVP242, Edition Number: M-424145-01-2 Date: 2012-02-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.5.1 /01	Bruns, E.	2011	Acute toxicity of BYI 02960 (tech.) to larvae of Chironomus riparius in a 48 h static laboratory test system Bayer CropScience, Report No.: EBRVP026, Edition Number: M-414739-01-2 Date: 2011-09-26 GLP/GEP: yes, unpublished ...also filed: KIIA 8.3.1.2 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.5.2 /01	Bruns, E.	2011	Chironomus riparius 28-day chronic toxicity test with BYI 02960 (tech.) in a water-sediment system using spiked water Bayer CropScience, Report No.: EBRVP025, Edition Number: M-401792-01-2 Date: 2011-02-14 GLP/GEP: yes, unpublished ...also filed: KIIA 8.3.2.2 /01	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.6 /01	Banman, C. S.; Alexander, T. M.; Lam, C. V.	2010	Toxicity of BYI 02960 technical to duckweed (Lemna gibba G3) under static-renewal conditions Bayer CropScience LP, Stilwell, KS, USA Bayer CropScience, Report No.: EBRVP043, Edition Number: M-398376-01-1 EPA MRID No.: 48843731 Date: 2010-12-21 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.7.1 /01	Schmitzer, S.	2008	Revised final report no.: 1 - Effects of BYI 02960 (acute contact and oral) on honey bees (Apis mellifera L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 41121035, Edition Number: M-308904-02-1 Date: 2008-08-20 ...Amended: 2012-03-22 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.7.1 /02	Schmitzer, S.	2010	Effects of BYI02960 - difluoroethyl - amino - furanone (acute contact and oral) on honey bees (Apis mellifera L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 60291035, Edition Number: M-398557-01-3 EPA MRID No.: 48843723 Date: 2010-12-21 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.7.1 /03	Schmitzer, S.	2011	Effects of BYI 02960 - hydroxy (acute contact and oral) on honey bees (Apis mellifera L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 63901035, Edition Number: M-409606-01-2 Date: 2011-06-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.7.1 /04	Schmitzer, S.	2010	Effects of difluoroacetic acid (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 56331035, Edition Number: M-367915-01-2 Date: 2010-04-29 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.7.1 /05	Schmitzer, S.	2010	Effects of 6-chloronicotinic acid (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 60281035, Edition Number: M-395279-01-2 Date: 2010-11-19 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.7.1 /06	Schmitzer, S.	2010	Effects of 6-chloro-picolylalcohol (acute contact and oral) on honey bees (<i>Apis mellifera</i> L.) in the laboratory IBACON GmbH, Rossdorf, Germany Bayer CropScience, Report No.: 50911035, Edition Number: M-361234-01-2 Date: 2010-01-11 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.7.1 /07	Vergé, E.	2012	Flupyradifurone SL 200 G: Acute contact toxicity to the bumblebee <i>Bombus terrestris</i> L.(Hymenoptera, Apidae) under laboratory conditions (multi doses test) Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S12-03216, Edition Number: M-443696-01-1 Date: 2012-12-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.8.1.1 /01	Jans, D.	2010	Toxicity to the parasitoid wasp <i>Aphidius rhopalosiphii</i> (DESTEPHANI-PEREZ) (Hymenoptera: Braconidae) using a laboratory test; BYI 02960 SL 200 g/L Bayer CropScience, Report No.: CW09/079, Edition Number: M-366965-01-3 EPA MRID No.: 48843744 Date: 2010-04-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.8.1.2 /01	Jans, D.	2010	Toxicity to the predatory mite <i>Typhlodromus pyri</i> SCHEUTEN (Acari, Phytoseiidae) using a laboratory test; BYI 02960 SL 200 g/L Bayer CropScience, Report No.: CW09/073, Edition Number: M-366957-01-2 EPA MRID No.: 48843745 Date: 2010-04-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.9.1 /01	Leicher, T.	2010	BYI 02960 (tech.): Acute toxicity to earthworms (<i>Eisenia fetida</i>) tested in artificial soil Bayer CropScience, Report No.: LRT/RG-A-131/09, Edition Number: M-363742-01-2 EPA MRID No.: 48843746 Date: 2010-02-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.9.1 /02	Leicher, T.	2010	BYI 02960-difluoroacetic acid: acute toxicity to earthworms (<i>Eisenia fetida</i>) tested in artificial soil Bayer CropScience, Report No.: LRT/RG-A-135/10, Edition Number: M-368835-01-2 EPA MRID No.: 48843747 Date: 2010-04-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.9.1 /03	Wetton, P. M.	1999	Acute toxicity to earthworms (<i>Eisenia foetida</i>) IC-0 SafePharm Lab. Ltd., Derby, United Kingdom Bayer CropScience, Report No.: C007758, Edition Number: M-196591-01-1 Date: 1999-08-25 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.9.2 /01	Leicher, T.	2010	BYI 02960 SL 200 G: Effects on survival, growth and reproduction on the earthworm <i>Eisenia fetida</i> tested in artificial soil Bayer CropScience, Report No.: LRT-RG-R-76/09, Edition Number: M-392964-01-2 Date: 2010-10-21 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.9.2 /02	Leicher, T.	2010	BYI 02960 Difluoroacetic acid: Effects on survival, growth and reproduction on the earthworm <i>Eisenia fetida</i> tested in artificial soil with 10 % peat Bayer CropScience, Report No.: LRT-RG-R-81/10, Edition Number: M-398061-01-3 EPA MRID No.: 48843750 Date: 2010-12-16 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.9.2 /03	Leicher, T.; Kratz, M. A.	2011	6-chloronicotinic acid (AE F161089): Effects on survival, growth and reproduction on the earthworm <i>Eisenia fetida</i> tested in artificial soil with 5 percent peat Bayer CropScience, Report No.: M-413562-02-3 , Edition Number: M-413562-02-3 EPA MRID No.: 48843751 Date: 2011-09-05 ...Amended: 2012-02-23 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.10.1 /01	Frommholz, U.	2009	BYI 02960 a.s.: Determination of effects on nitrogen transformation in soil Bayer CropScience, Report No.: FRM-N-130/09, Edition Number: M-359803-01-2 Date: 2009-12-03 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.10.1 /02	Frommholz, U.	2011	6-chloronicotinic acid (AE F161089): Determination of effects on nitrogen transformation in soil Bayer CropScience, Report No.: FRM-N-156/11, Edition Number: M-408028-01-2 Date: 2011-05-20 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.10.2 /01	Schulz, L.	2011	BYI 02960 a.s.: Effects on the activity of soil microflora (carbon transformation test) BioChem agrar GmbH, Gerichshain, Germany Bayer CropScience, Report No.: 11 10 48 058 C, Edition Number: M-417194-01-2 EPA MRID No.: 48843754 Date: 2011-11-11 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.11.1 /01	[REDACTED]	2009	Acute toxicity of BYI 02960 technical to the sheepshead minnow (Cyprinodon variegatus) under static conditions [REDACTED] Bayer CropScience, Report No.: EBRVP034, Edition Number: M-357479-01-1 EPA MRID No.: 48843710 Date: 2009-10-14 GLP/GEP: yes, unpublished	Y	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.11.1 /02	Gallagher, S. P.; Kendall, T. Z.; Krueger, H. O.	2009	BYI 02960: A 96-hour shell deposition test with the eastern oyster (<i>Crassostrea virginica</i>) Wildlife International, Ltd., Easton, MD, USA Bayer CropScience, Report No.: EBRVP023, Edition Number: M-361668-01-1 EPA MRID No.: 48843703 Date: 2009-12-01 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.11.1 /03	Gallagher, S. P.; Kendall, T. Z.; Krueger, H.O.	2009	BYI 02960: A 96-hour static acute toxicity test with the saltwater mysid (<i>Americamysis bahia</i>) Wildlife International, Ltd., Easton, MD, USA Bayer CropScience, Report No.: 149A-236, Edition Number: M-364620-01-1 EPA MRID No.: 48843704 Date: 2009-12-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.11.1 /04	Claude, M. B.; Kendall, T. Z.; Krueger, H. O.	2011	BYI 02960: A flow-through life-cycle toxicity test with the saltwater mysid (<i>Americamysis bahia</i>) Wildlife International, Ltd., Easton, MD, USA Bayer CropScience, Report No.: EBRVP038, Edition Number: M-420783-01-1 Date: 2011-09-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.12 /01	Gosch, H.	2010	BYI 02960 SL 200 g/L - Effects on the vegetative vigour of eleven species of non-target terrestrial plants (Tier 1) Bayer CropScience, Report No.: VV 10/002, Edition Number: M-397734-01-2 EPA MRID No.: 48843730 Date: 2010-12-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.12 /02	Gosch, H.	2010	BYI 02960 SL 200 g/L - Effects on the seedling emergence and growth of eleven species of non-target terrestrial plants (Tier 1) Bayer CropScience, Report No.: SE10/001, Edition Number: M-397727-01-2 EPA MRID No.: 48843729 Date: 2010-12-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /01	Frommholz, U.	2009	BYI 02960 SL 200 G: Influence on the reproduction of the collembola species Folsomia candida tested in artificial soil with 5 % peat Bayer CropScience, Report No.: FRM-COLL-75/09, Edition Number: M-359728-01-2 EPA MRID No.: 48843755 Date: 2009-12-02 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /02	Frommholz, U.	2010	Metabolite BYI 02960-difluoroacetic acid: Influence on the reproduction of the collembolan species Folsomia candida tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-85/10, Edition Number: M-368675-01-3 EPA MRID No.: 48843756 Date: 2010-05-12 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /03	Frommholz, U.	2011	6-chloronicotinic acid (AE F161089): Influence on the reproduction of the collembolan species Folsomia candida tested in artificial soil Bayer CropScience, Report No.: FRM-COLL-111/11, Edition Number: M-407861-01-2 Date: 2011-05-18 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.14 /04	Kratz, M.-A.	2009	BYI 02960 SL 200 G: Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil with 5 % peat Bayer CropScience, Report No.: KRA-HR-19/09, Edition Number: M-358752-01-2 EPA MRID No.: 48843758 Date: 2009-11-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /05	Kratz, M.-A.	2010	BYI 02960-DFA (BCS-AA56716): Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil with 5 % peat Bayer CropScience, Report No.: KRA-HR-27/10, Edition Number: M-390091-01-2 Date: 2010-09-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.14 /06	Kratz, M.-A.	2011	6-chloronicotinic acid (AE F161089): Influence on mortality and reproduction on the soil mite species Hypoaspis aculeifer tested in artificial soil Bayer CropScience, Report No.: KRA-HR-44/11, Edition Number: M-404434-01-2 EPA MRID No.: 48843760 Date: 2011-03-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.15 /01	Caspers, N.	2010	Activated sludge, respiration inhibition test with BYI 02960 (tech.) Currenta GmbH & Co. OHG, Leverkusen, Germany Bayer CropScience, Report No.: 2010/0089/01, Edition Number: M-377311-01-1 Date: 2010-06-21 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.1 /01	Kling, A.	2011	BYI 02960 - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days laboratory feeding test Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-02924, Report includes Trial Nos.: S10-02924-L1_BLEU Edition Number: M-400539-01-2 Date: 2011-01-13 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /02	Kling, A.	2012	BYI 02960-difluoroethyl-amino-furanone (BYI 02960-DFEAF) - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01959, Report includes Trial Nos.: S11-01959-L1_BLCF Edition Number: M-425174-01-2 EPA MRID No.: 48843763 Date: 2012-02-14 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /03	Kling, A.	2012	BYI 02960-hydroxy - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S11-01960, Report includes Trial Nos.: S11-01960-L1_BLCF Edition Number: M-425212-01-2 EPA MRID No.: 48843764 Date: 2012-02-15 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.1 /04	Kling, A.	2012	<p>Diffuoroacetic acid - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test</p> <p>Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany</p> <p>Bayer CropScience,</p> <p>Report No.: S11-01939,</p> <p>Report includes Trial Nos.: S11-01939-L1_BLCF</p> <p>Edition Number: M-425105-01-1</p> <p>Date: 2012-02-13</p> <p>GLP/GEP: yes, unpublished</p>	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /05	Kling, A.	2012	<p>6-chloronicotinic acid - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test</p> <p>Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany</p> <p>Bayer CropScience,</p> <p>Report No.: S11-01957,</p> <p>Report includes Trial Nos.: S11-01957-L1_BLCF</p> <p>Edition Number: M-425155-01-2</p> <p>EPA MRID No.: 48843766</p> <p>Date: 2012-02-13</p> <p>GLP/GEP: yes, unpublished</p>	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /06	Kling, A.	2012	<p>6-chloropicolyl alcohol - Assessment of chronic effects to the honey bee, Apis mellifera L., in a 10 days continuous laboratory feeding limit test</p> <p>Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany</p> <p>Bayer CropScience,</p> <p>Report No.: S11-01958,</p> <p>Report includes Trial Nos.: S11-01958-L1_BLCF</p> <p>Edition Number: M-425159-01-2</p> <p>EPA MRID No.: 48843767</p> <p>Date: 2012-02-13</p> <p>GLP/GEP: yes, unpublished</p>	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.1 /07	Nikolakis, A.; Theis, M.; Przygoda, D.	2011	BYI 02960 tech.: Effects of exposure to spiked diet on honeybee larvae (<i>Apis mellifera carnica</i>) in an in vitro laboratory testing design Bayer CropScience, Report No.: E 318 3897-9, Edition Number: M-406645-01-3 EPA MRID No.: 48843768 Date: 2011-05-02 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.1 /09	Gladbach, D.; Theis, M.; Przygoda, D.; Nikolakis, A.	2013	Assessment of chronic effects of BYI 02960 tech. to the honey bee, <i>Apis mellifera</i> L., in a 10 days continuous laboratory feeding test Bayer CropScience, Report No.: E 318 4561-8, Edition Number: M-462475-01-1 Date: 2013-08-26 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /01	Leicher, T.	2011	BYI 02960: Effects on soil litter degradation after spray application Bayer CropScience, Report No.: LRT-SLD-45/11, Edition Number: M-413408-01-2 Date: 2011-09-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /02	Leicher, T.	2011	BYI 02960: Effects on soil litter degradation if applied as seed treatment Bayer CropScience, Report No.: LRT-SLD-46/11, Edition Number: M-413416-01-2 Date: 2011-09-06 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.2 /03	Nikolakis, A.; Krieg, V.; Aumeier, P.; Gladbach, D.	2012	Honey bee colony feeding study, evaluating the effects of BYI 02960-fortified sugar- and pollen diet on the development of honey bee colonies under confined semi-field conditions, followed by a post-exposure field observation period Bayer CropScience, Report No.: E 319 4111-0, Edition Number: M-438748-01-1 EPA MRID No.: 48843771 Date: 2012-09-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /04	Rexer, H. U.	2012	Assessment of side effects on the honeybee (Apis mellifera L.), exposed to winter oil-seed rape, grown from seeds treated with BYI 02960 FS 480 G and sequentially sprayed with BYI 02960 SL 200 G during immediate pre- and full flowering in a long-term field study in Northern Germany Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03261, Report includes Trial Nos.: 2012-09-27 S10-03261-L2 S10-03261-L3 Edition Number: M-438818-01-1 Date: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.2 /05	Rexer, H. U.	2012	Assessment of side effects on the honeybee (<i>Apis mellifera</i> L.), exposed to winter oil-seed rape, grown from seeds treated with BYI 02960 FS 480 G and sequentially sprayed with BYI 02960 SL 200 G during immediate pre- and full flowering in a long-term field study in France Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03262, Report includes Trial Nos.: S10-03262-01 S10-03262-02 Edition Number: M-438819-01-1 Date: 2012-07-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /06	Gould, T. J.; Lawrence, J.; Harbin, A. M.	2012	Determination of residues of BYI 02960 in blossoms, nectar, and pollen when applied via soil drench and Foliar Spray to melon under semi-field Conditions in North Carolina Eurofins Agrosience Services, Inc., Mebane, NC, USA Bayer CropScience, Report No.: RARVP019, Edition Number: M-435037-01-1 EPA MRID No.: 48844525 Date: 2012-07-24 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /07	Bocksch, S.	2012	Determination of residues of BYI 02960 applied via drench application in watermelon in the semi-field Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S09-01391, Report includes Trial Nos.: S09-01391-01_BZEU Edition Number: M-424666-01-2 EPA MRID No.: 48844522 Date: 2012-02-09 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

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KIIA 8.16.2 /08	Bocksch, S.	2012	Determination of residues of BYI 02960 applied via drench application in tomato in the semi-field Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03818, Report includes Trial Nos.: S10-03818-01 Edition Number: M-424683-01-2 EPA MRID No.: 48844521 Date: 2012-02-10 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /09	Bocksch, S.	2012	Determination of residues of BYI 02960 applied via drench application in watermelon in the semi-field Eurofins Agrosience Services EcoChem GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03825, Report includes Trial Nos.: S10-03825-01 Edition Number: M-424675-01-2 EPA MRID No.: 48844523 Date: 2012-02-08 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /10	Rexer, H. U.	2013	Determination of residues of BYI 02960 after application of BYI 02960 SL 200 G once before and once during flowering in a semi-field honeybee (Apis mellifera L.) study in Phacelia tanacetifolia in 2012 Eurofins-GAB GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S12-00038, Report includes Trial Nos.: S12-00038-L1 S12-00038-L2 Edition Number: M-457246-01-1 Date: 2013-05-31 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	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
KIIA 8.16.2 /11	Rexer, H. U.	2012	A field study to determine residues of BYI 02960 in guttation liquid from winter oil-seed rape (OSR) plants in Northern Germany in 2010/2011 Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03312, Report includes Trial Nos.: S10-03312-01 Edition Number: M-438826-01-1 Date: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer
KIIA 8.16.2 /12	Rexer, H. U.	2012	A field study to determine residues of BYI 02960 in guttation liquid from winter oil-seed rape (OSR) plants in France in 2010/2011 Eurofins Agrosience Services GmbH, Niefern-Oeschelbronn, Germany Bayer CropScience, Report No.: S10-03313, Report includes Trial Nos.: S10-03313-01 Edition Number: M-438829-01-1 Date: 2012-09-27 GLP/GEP: yes, unpublished	N	Y	Data/study report already submitted before to Poland in the EU dossier for flupyradifurone approval. Protection still valid (DP is on-going)	Bayer

List of data submitted by the applicant and not relied on

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

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