

DRAFT REGISTRATION REPORT

Part B

Section 9

Ecotoxicology

Detailed summary of the risk assessment

Product code: **102000025993**

Product name(s): **Decis Protech**

Active substance(s): **Deltamethrin 15 g a.s./L**

Central Zone

Zonal Rapporteur Member State: -

NATIONAL ADDENDUM: Netherlands

(NLWG – National Change of the Legal instructions for use of Netherlands-specific requirements of a plant protection product)

Applicant: **Bayer CropScience SA-NV**

Date: **May 2025**

Evaluator: **Ctgb, NL**

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9 Ecotoxicology (KCP 10)

Due to the implementation of the policy decree ‘Policy decree on implementation of article 44 Regulation of (EC) No 1107/2009 regarding structural exceedances of the authorisation criterion in surface water Ctgb 2024’ a re-assessment is required for the active substance deltamethrin, for greenhouse uses. Only the aspect secondary poisoning (when relevant) and effects on aquatic organisms will be addressed in this submission. For all other sections it is referred to the original authorisation of Decis protech (15889N).

In the monitoring period 2021-2023 there is a strong correlation of water exceedances with field and greenhouse uses, therefore it was requested to review these uses.

We refer to the following authorisations:

- 20130956 NLTG; 30 August 2019 – includes all major uses
- 20191546 NLKUG; 04 June 2021 - includes all minor uses

9.1 Critical GAP and overall conclusions

Table 9.1-1: Table of critical GAPs – only crops selected for re-assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Use-No. *	Member state(s)	Crop and/or situation (crop destination / purpose of crop)	F, Fn, 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	Conclusion						
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/season	Min. interval between applications (days)	kg or L product/ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max			Birds	Mammals	Aquatic organisms	Bees	Non-target arthropods	Soil organisms	Non-target plants
(Inter)zonal uses																				
1	The Netherlands	Potato (SOLTU)	F	<i>Leptinotarsa decemlineata</i> (LPTNDE)	Spraying	BBCH 21-95 April-Sept	a) 1 b) 1 crop/season	-	a) 0.50 b) 0.50 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	200-400	7								
2	The Netherlands	Ware and starch Potato	F	<i>Macrosiphum euphorbia</i>	Spraying	BBCH 21-95	a) 3 b) 3	14	a) 0.33 b) 1.00	a) 0.005 b) 0.015	200-400	7	In ware and starch potato							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		(SOLTU)		(MACSEU)		April-Sept	crop/season						max 1 L/ha per season							
3	The Netherlands	Seed Potato (SOLTU)	F	<i>Macrosiphum euphorbia</i> (MACSEU), Potato Y potyvirus (PVYO00)	Spraying	BBCH 21-95 April-July	a) 3 b) 3 crop/season	14	a) 0.33 b) 1.00	a) 0.005 b) 0.015	200-400	7	In seed potato max 1 L/ha per season							
4	The Netherlands	Seed Potato (SOLTU)	F	Aphids (persistent virus) PRLV (PRLV00)	Spraying	BBCH 10-95 April-July	a) 1 b) 1 crop/season	-	a) 0.67 b) 0.67	a) 0.01 b) 0.01	200-400	7	In seed potato max 1 L/ha per season							
5	The Netherlands	Beets, fodder and sugar (BEAVA, BEAVC)	F	<i>Thrips angusticeps</i> (THRIAN), <i>Autographa gamma</i> (PYTOGA)	Spraying	BBCH 11-39 March-Sept	a) 1 b) 1 crop /season	-	a) 0.50 b) 0.50 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	200-400	30								
6	The Netherlands	Cereals (barley, oat, spelt, triticale, wheat, rye, Canary grass) (TRZAW, HORVW, SECCW, TTLWI, TRZSP, PHACA, TRZAS, HORVS, SECCS, AVESA)	F	<i>Sitobion avenae</i> (MACSAV), <i>Rhopalosiphum padi</i> (RHOPPA), <i>Metopolophium dirhodum</i> (METODR)	Spraying	BBCH 12-79 Sept-Nov & April-July	a) 2 b) 2 crop/season	14	a) 0.42 b) 0.84 (crop & season)	a) 0.00625 b) 0.0125 (crop & season)	200-400	30								
7	The Netherlands	Pulses (dry peas and beans) and broad bean, excluding lupine and soya bean (PIBSA, PIBSZ, LENCU, CIEAR, PHSVX,	F	<i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips tabaci</i> (THRITB), <i>Sitona lineatus</i> (SITNLI), <i>Laspeyresia</i>	Spraying	BBCH 10-79 May-Sept	a) 1 b) 1 crop/season	-	a) 0.5 b) 0.5 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	200-800	7								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		VICFX)		<i>nigricana</i> (LASPNI)																
8	The Netherlands	Caraway, common (CRYCA)	F	<i>Depressaria daucella</i> (DEPRDA)	Spraying	BBCH 21 – 81 May-Sept	a) 1 b) 1 crop/season	-	a) 0.33 b) 0.33 (crop & season)	a) 0.005 b) 0.005 (crop & season)	200-400	45								
9	The Netherlands	Flax / Linseed (LIUUT)	F	<i>Thrips angusticeps</i> (THRIAN), <i>Thrips linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 21-81 May-Sept	a) 1 b) 1 crop/season	-	a) 0.50 b) 0.50 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	200-400	60								
10	The Netherlands	Rape (BRSNN)	F	<i>Ceutorhynchus assimilis</i> (CEUTPL) <i>Meligethes aeneus</i> (MELIAE)	Spraying	BBCH 21-80 May-Aug	a) 1 b) 1 crop/season	-	a) 0.33 b) 0.33 (crop & season)	a) 0.005 b) 0.005 (crop & season)	200-400	45								
11	The Netherlands	Teff (ERATF)	F	<i>Sitobion avenae</i> (MACSAV), <i>Rhopalosiphum padi</i> (RHOPPA), <i>Metopolophium dirhodum</i> (METODR)	Spraying	BBCH 12-79 Sept-Nov & April-July	a) 2 b) 2 crop/season	14	a) 0.42 b) 0.84 (crop & season)	a) 0.00625 b) 0.0125 (crop & season)	200-400	30								
12	The Netherlands	Strawberry (FRAAN)	F	<i>Anthonomus rubi</i> (ANTHRU), <i>Lepidoptera</i> (1LEPIO), <i>Thrips angusticeps</i> (THRIAN), <i>Thrips linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 50-57 April-Oct	a) 2 b) 2 crop/season	14	a) 0.2 b) 0.4 (crop & season)	a) 0.003 b) 0.006 (crop & season)	300-600	3	Fixed spray concentration 0.033% (33 ml product/100 L)							
13	The Netherlands	Strawberry (FRAAN)	G	<i>Anthonomus rubi</i> (ANTHRU), <i>Lepidoptera</i> (1LEPIO), <i>Thrips angusticeps</i> (THRIAN), <i>Thrips</i>	Spraying	BBCH 50-57 Jan-Dec	a) 2 b) 2 crop/season	14	a) 0.33 b) 0.66 (crop & season)	a) 0.005 b) 0.010 (crop & season)	300-1000	3	Fixed spray concentration 0.033% (33 ml product/100 L)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
				<i>linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB)																
14	The Netherlands	Currants and gooseberry (RIBRU, RIBNI, RIBUC)	F	<i>Lepidoptera</i> (1LEPIO) <i>Lygus pabulinus</i> (LYGUPA)	Spraying	BBCH 50-57 & BBCH 69-81 April-Sept	a) 2 b) 2 crop/season	14	a) 0.4 b) 0.8 (crop & season)	a) 0.0059 b) 0.0012 (crop & season)	1000-1200	7	Fixed spray concentration 0.033% (33 ml product/100 L)							
15	The Netherlands	Blackberry, raspberry (Rubus spp.) (RUBFR, RUBID, RUBPH)	F	<i>Anthonomus rubi</i> (ANTHRU)	Spraying	BBCH 50-57 April-Sept	a) 2 b) 2 crop/season	14	a) 0.4 b) 0.8 (crop & season)	a) 0.0059 b) 0.0012 (crop & season)	1000-1200	7	Fixed spray concentration 0.033% (33 ml product/100 L)							
16	The Netherlands	Legume vegetables (Beans with pod, beans without pod, peas with pod, peas without pod) Incl. edamame (PHSVN, PHSVX, PHSCO, VIGSC, VIGSI, VICFX, PHSLU, PIBSX, TTGPU, PIBSZ, PIBSX, PIBSA)	F	<i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips tabaci</i> (THRITB), <i>Sitona lineatus</i> (SITNLI), <i>Laspeyresia nigricana</i> (LASPNI)	Spraying	BBCH 10-79 May-Sept	a) 1 b) 1 crop/season	-	a) 0.5 b) 0.5 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	200-800	7								
17	The Netherlands	Fruiting vegetable of cucurbitaceae with edible skin (zucchini (courgette), cucumber, gherkins) (CUMSG, CUUPG,	G	<i>Autographa gamma</i> (PYTOGA), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Aleyrodes proletella</i>	Spraying	BBCH 15-89 Jan-Dec	a) 3 b) 3 crop/season	7	a) 1.17 b) 3.50 (crop & season)	a) 0.0075 - 0.0175 b) 0.0525 (crop & season)	600-1400	3	0,083% (83 ml product/100 L water)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		CUUPM, CUMSA)		(ALEUPR), <i>Thrips tabaci</i> (THRITB)																
18	The Netherlands	Melon (CUMME)	G	<i>Autographa gamma</i> (PYTOGA), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Aleyrodes proletella</i> (ALEUPR), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 15-89 Jan-Dec	a) 3 b) 3 crop/season	7	a) 1.17 b) 3.50 (crop & season)	a) 0.0075 - 0.0175 b) 0.0525 (crop & season)	600-1400	3	0,083% (83 ml product/100 L water)							
19	The Netherlands	Aubergine (eggplant), sweet / bell pepper (SOLME, CPSAN, CPSFR)	G	<i>Autographa gamma</i> (PYTOGA), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Aleyrodes proletella</i> (ALEUPR), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 15-89 Jan-Dec	a) 3 b) 3 crop/season	7	a) 1.17 b) 3.50 (crop & season)	a) 0.0075 - 0.0175 b) 0.0525 (crop & season)	600-1400	3	0,083% (83 ml /100 L water)							
20	The Netherlands	Tomato (LYPES)	G	<i>Autographa gamma</i> (PYTOGA), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Aleyrodes proletella</i> (ALEUPR), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 15-89 Jan-Dec	a) 3 b) 3 crop/season	7	a) 0.83 b) 2.50 (crop & season)	a) 0.0125 b) 0.0375 (crop & season)	600-1000	3	0,083% (83 ml /100 L water)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
21	The Netherlands	Kohlrabi (BRSOG)	F	<i>Autographa gamma</i> (PYTOGA), <i>Pieris spp</i> (PIERSP), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Liriomyza trifolii</i> (LIRITR), <i>Evergestis forvicalis</i> (EVERFO)	Spraying	BBCH 10-49 May-Oct	a) 2 b) 2 crop/season	14	a) 0.50 b) 1.00 (crop & season)	a) 0.0075 b) 0.015 (crop & season)	200-800	7								
22	The Netherlands	Radishes (RAPSR, RAPSN)	F	<i>Autographa gamma</i> (PYTOGA), <i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips linarius</i> (THRIL), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 11-49 May-Oct	a) 2 b) 2	14	a) 0.50 b) 1.00	a) 0.0075 b) 0.015	200-800	7								
23	The Netherlands	Turnip, swedes (BRSOG, BRSNA)	F	<i>Autographa gamma</i> (PYTOGA), <i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips linarius</i> (THRIL), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 11-49 May-Oct	a) 2 b) 2	14	a) 0.50 b) 1.00	a) 0.0075 b) 0.015	200-800	7								
24	The Netherlands	Onions, shallots, garlic (ALLCE, ALLAS, ALLSA)	F	<i>Acrolepiopsis assectella</i> (ACROAS), <i>Liriomyza cepae</i> (PHYBCE), <i>Thrips angusticeps</i>	Spraying	BBCH 11-49 May-Oct	a) 2 b) 2 crop/season	14	a) 0.50 b) 1.00 (crop & season)	a) 0.0075 b) 0.015 (crop & season)	200-800	7								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
				(THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB)																
25	The Netherlands	Asparagus (ASPOF)	F	<i>Crioceris asparagi</i> (CRIEAS), <i>Platyparea poeciloptera</i> (PLPRPO)	Spraying	BBCH 11-91/99 April-Oct	a) 1 b) 1 crop/season	-	a) 0.50 b) 0.50 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	500-800	n.a.	Post-harvest use. Applications are done in both breeding- and production fields after emergence. For production fields, this is equivalent to applications after harvest since asparagus is harvested before emergence.							
26	The Netherlands	Leek, common (ALLPO)	F	<i>Acrolepiopsis assectella</i> (ACROAS), <i>Liriomyza cepae</i> (PHYBCE), <i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 13-45 March-Oct	a) 2 b) 2 crop/season	14	a) 0.50 b) 1.00 (crop & season)	a) 0.0075 b) 0.015 ((crop & season)	250-600	7								
27	The	Edible	I	<i>Megaselia</i>	Spraying	Pre & post	a) 2	14	a) 0.50	a) 0.0075	900-	3	3 days before							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	Netherlands	mushrooms (AGARBI, PLEUOS, LENTED, LPSTNU, PHOLNA, AGARAR, COPNCO, FLMUVE, AGCYCY, HYPZMA, STPRRU, GRIFFR, GANOLU, AURIAU, AGARBZ		<i>halterata</i> (MGASHA), <i>Sciaridae</i> (1SCIAF)		emergence of the fungus fruit Jan-Dec	b) 2 crop/season		b) 1.00 (crop & season)	b) 0.015 (crop & season)	1000		the 1st flush and 3 days before the 2nd flush.							
28	The Netherlands	Flower bulb and flower tuber crops	G	<i>Coccidae</i> (1COCCF), <i>Lepidoptera</i> (1LEPIO), <i>Liriomyza trifolii</i> (LIRITR), <i>Liriomyza cepae</i> (PHYBCE), <i>Aleyrodes proletella</i> (ALEUPR), <i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB), <i>Taeniothrips simplex</i> (TAETSI)	Spraying	BBCH 15-60 Jan-Dec	a) 3 b) 3 crop/season	7	a) 0.83 b) 2.5 (crop & season)	a) 0.0125 b) 0.0375 (crop & season)	500-1000	n.a.	0,083% (83 ml /100 L water)							
29	The Netherlands	Floriculture crops, perennial	G	<i>Coccidae</i> (1COCCF), <i>Autographa</i>	Spraying	BBCH 10-60 Jan-Dec	a) 3 b) 3 crop/season	7	a) 0.83 b) 2.5 (crop &	a) 0.0125 b) 0.0375 (crop	500-1000	n.a.	0,083% (83 ml /100 L water)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		crops		<i>gamma</i> (PYTOGA), <i>Pieris spp.</i> (PIersp), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Liriomyza trifolii</i> (LIRITR), <i>Liriomyza cepae</i> (PHYBCE), <i>Aleyrodes proletella</i> (ALEUPR), <i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB), <i>Taeniothrips simplex</i> (TAETSI)					season)	& season)										
30	The Netherlands	Tree nursery	G	<i>Lepidoptera</i> (1LEPIO), <i>Thrips angusticeps</i> (THRIAN), <i>Kakothrips robustus</i> (KAKORO), <i>Thrips linarius</i> (THRILI), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 15-89 Jan-Dec	a) 3 b) 3 crop/season	7	a) 0.25 b) 0.75 (crop & season)	a) 0.0038 b) 0.0113 (crop & season)	500 – 750	n.a.	For tree nursery there are 2 different application technologies. For low crops ($\leq \pm 1\text{m}$) a standard sprayer is used. For high crops ($\geq \pm 1\text{m}$) growers use orchard sprayers like in pome fruit. 0,033% (33 ml							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
													/100 L water)							
Minor uses according to Article 51																				
31	NL	Lupine, Broadbean (pulses & foddercrop) (LUPAL, VICFX)	F	<i>Thrips tabaci</i> (TRITB), <i>Sitona lineatus</i> (SITNLI), <i>Laspeyresia nigricana</i> (LASPNI)	Spraying	BBCH 10-79 May-Sept	a) 1 b) 1 crop/season		a) 0.5 b) 0.5 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	200-400	7								
32	NL	Grassseed crops, except English ryegrass (LOLMU, ARRL, LOLMG, LOLBO, FESSS, POASS, PHLPR, DACGL, AGSSS, CYXCR, DECCA, KOLSS)	F	Larvae of <i>Bibionidae</i> (1BIBIF)	Spraying	BBCH 21-69, Apr-Jun Sept-Nov	a) 2 b) 2 crop/season	14	a) 0.42 b) 0.84 (crop & season)	a) 0.00625 b) 0.0125 (crop & season)	200-400	14								
33	NL	Poppy seed, gold of pleasure, mustard seed, evening primrose (PAPSO, CMASA, SINAL, BRNSI, OEOS)	F	<i>Depressaria</i> sp. (DEPRSP)	Spraying	BBCH 21 – 81, May-sept	a) 1 b) 1 crop/season		a) 0.33 b) 0.33 (crop & season)	a) 0.005 b) 0.005 (crop & season)	200-400	60								
34	NL	Fibre crops (CNISA, LIUUT,	F	<i>Thysanoptera</i> (1THYSO)	Spraying	BBCH 21-81, May-sept	a) 1 b) 1 crop/season		a) 0.5 b) 0.5 (crop &	a) 0.0075 b) 0.0075 (crop &	200-400	60								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		URTSS)							season)	season)										
35	NL	Witloof (CICIF)	F	<i>Psila rosae</i> (PSILRO)	Spraying	BBCH 12-49, May-Jul	a) 2 b) 2 crop/season	14	a) 0.5 b) 1 (crop & season)	a) 0.0075 b) 0.015 (crop & season)	200-400	14								
36	NL	Cichorei (CICIS)	F	<i>Psila rosae</i> (PSILRO)	Spraying	BBCH 12-49, May-Jul	a) 2 b) 2 crop/season	14	a) 0.5 b) 1 (crop & season)	a) 0.0075 b) 0.015 (crop & season)	200-400	7								
37	NL	Buckwheat (FAGES)	F	Aphids (1APHIG)	Spraying	BBCH 12-79, May-Jul	a) 2 b) 2 crop/season	14	a) 0.33 b) 0.66 (crop & season)	a) 0.005 b) 0.01 (crop & season)	200-400	30								
38	NL	Sorghum, common millet (SORVU, PANMI)	F	Aphids (1APHIG), <i>Lepidoptera</i> (1LEPIO)	Spraying	BBCH 13-79, Jun-sept	a) 1 b) 1 crop/season		a) 0.5 b) 0.5	a) 0.0075 b) 0.0075	200-400	30								
39	NL	Quinoa (CHEQU)	F	<i>Sitobion avenae</i> (MACSAV), <i>Rhopalosiphum padi</i> (RHOPPA), <i>Metopolophium dirhodum</i> (METODR)	Spraying	BBCH 12-79 April-July	a) 2 b) 2 crop/season	14	a) 0.42 b) 0.84 (crop & season)	a) 0.00625 b) 0.0125 (crop & season)	200-400	30								
40	NL	Berries, excluding Currant, Goosberry (VACCO, VACMY, VACVI, VACOX, VACMA, MORSS, ROSSS, ATIAR,	F	<i>Lepidoptera</i> (1LEPIO) <i>Miridae</i> (1MIRIF)	Spraying	BBCH 50-57 & BBCH 69-81, apr-sep	a) 2 b) 2 crop/season	14	a) 0.4 b) 0.8 (crop & season)	a) 0.0059 b) 0.0012 (crop & season)	1000-1200	7	0.033% (33 mL/100 L water)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		SAMSS, ABOSS, HIORH, LONCO																		
41	NL	Grapes (VITVI)	F	<i>Scaphoideus titanus</i> (SCAPLI), <i>Erythroneura comes</i> (ERYTCO), <i>Drosophila melanogaster</i> (DROSME), <i>Rhynchites caeruleus</i> (RNCHCA), <i>Sparganothis pilleriana</i> (SPARPI), <i>Byctiscus betulae</i> (3)	Spraying	BBCH 50-57 & BBCH 69-81, apr-sep	a) 2 b) 2 crop/season	14	a) 0.4 b) 0.8 (crop & season)	a) 0.0059 b) 0.0012 (crop & season)	1000-1200	7	0.033% (33 mL/100 L water)							
42	NL	Common dewberry (dauwbraam) onbedekte teelt (RUBCA, RUBLO)	F	<i>Anthonomus rubi</i> (ANTHRU) <i>Lepidoptera</i> (1LEPIO)	Spraying	BBCH 50-57 & BBCH 69-81 April-Sept	a) 2 (14) b) 2 (14) crop/season	14	a) 0.4 b) 0.8 (crop & season)	a) 0.0059 b) 0.0012 (crop & season)	1000-1200	7	Fixed spray concentration 0.033% (33 ml product/100 L)							
43	NL	Lamb's lettuce and rucola (VLLLO, ERUVE)	G	<i>Autographa gamma</i> (PYTOGA), <i>Pieris</i> sp. (PIERSP), <i>Polia oleracea</i> (POLIOL), <i>Plutella xylostella</i> (PLUTMA)	Spraying	BBCH 11-49 Jan-Dec	a) 2 b) 2 crop/season	7	a) 0.83 b) 1.66 (crop & season)	a) 0.0125 b) 0.025 (crop & season)	200-1000	14	0,083% (83 ml /100 L water)							
44	NL	Vegetable sprouts, baby	G	<i>Autographa gamma</i>	Spraying	BBCH 11-49	a) 2 b) 2	7	a) 0.83 b) 1.66	a) 0.0125 b) 0.025	200-1000	14	0,083% (83 ml							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		leaves (LEPSA, PHSAU, MEDSA, ERUVE)		(PYTOGA), <i>Pieris</i> sp. (PIERSP), <i>Polia oleracea</i> (POLIOL), <i>Plutella xylostella</i> (PLUTMA)		Jan-Dec	crop/season		(crop & season)	(crop & season)			/100 L water)							
45	NL	Pumpkins & watermelon (CUUPE, CUMME)	G	<i>Autographa gamma</i> (PYTOGA), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Aleyrodes proletella</i> (ALEUPR), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 15-89 Jan-Dec	a) 3 b) 3 crop/season	7	a) 1.17 b) 3.50 (crop & season)	a) 0.0175 b) 0.0525 (crop & season)	600-1400	3	0,083% (83 ml product/100 L water)							
46	NL	Courgette (CUUPG, CUUPM)	F	<i>Lepidoptera</i> (1LEPIO)	Spraying	BBCH 15-89 May-Sept	a) 1 b) 1 crop/season		a) 0.5 b) 0.5 (crop & season)	a) 0.0075 b) 0.0075 (crop & season)	200-800	3								
47	NL	Husk tomato (PHYIX)	G	<i>Autographa gamma</i> (PYTOGA), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis chalcites</i> (PLUSCH), <i>Aleyrodes proletella</i> (ALEUPR), <i>Thrips tabaci</i> (THRITB)	Spraying	BBCH 15-89 Jan-Dec	a) 3 b) 3 crop/season	7	a) 0.83 b) 2.50 (crop & season)	a) 0.0125 b) 0.0373 (crop & season)	600-1000	3	0,083% (83 ml /100 L water)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
48	NL	Small radish (RAPSR)	G	<i>Thrips tabaci</i> (THRITB), <i>Autographa gamma</i> (PYTOGA)	Spraying	BBCH 12-49, May-Sept	a) 2 b) 2 crop/season	7	a) 0.83 b) 1.66 (crop & season)	a) 0.0125 b) 0.025 (crop & season)	200-1000	7	0,083% (83 ml /100 L water)							
49	NL	Root vegetables, except carrots (SIUSI, PARCT, PAVSA)	F	<i>Psila rosae</i> (PSILRO)	Spraying	BBCH 12-49, Apr-Jul	a) 2 b) 2 crop/season	14	a) 0.5 b) 1 (crop & season)	a) 0.0075 b) 0.015 (crop & season)	200-800	7								
50	NL	Jerusalem artichoke (HELTU)	F	<i>Psila rosae</i> (PSILRO)	Spraying	BBCH 12-49, Apr-Jul	a) 2 b) 2 crop/season	14	a) 0.42 b) 0.84 (crop & season)	a) 0.00625 b) 0.0125 (crop & season)	200-800	7								
51	NL	Japanese artichoke, red beet, celeriac, black salsify, horseradish (STASB, BEAVD, APUGR, SCVHI, TROPS, ARWLA)	F	<i>Psila rosae</i> (PSILRO)	Spraying	BBCH 12-49, Apr-Jul	a) 2 b) 2 crop/season	14	a) 0.5 b) 1 (crop & season)	a) 0.0075 b) 0.015 (crop & season)	200-800	7								
52	NL	Spring onion (ALLCE)	F	<i>Acrolepiopsis assectella</i> (ACROAS) <i>Thysanoptera</i> (1THYSO), <i>Liriomyza</i> sp. (1LIRIG)	Spraying	BBCH 13-45 May-Sept	a) 2 b) 2 crop/season	14	a) 0.50 b) 1.00 (crop & season)	a) 0.0075 b) 0.015 (crop & season)	200-800	7								
53	NL	Medicinal herbs (OCIBA,	F	<i>Autographa gamma</i>	Spraying	BBCH 11-49	a) 2 b) 2	7	a) 0.42 b) 0.84	a) 0.00625	200-800	7								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		ALLSC, ALLTU, STIHO, STIMO, MLSOF, AFEGR, ARTDR, HYSOF, ARNCE, CORS, PARCR, LEWOF, MAHJO, ORIVU, MENSS, SANMI, RMSOF, SALOF, THYVU, FOEVD, APUGS, RUMAC, CAHSI, CUUPG, TAGER, TOPMA, CLDOF, LOBIN, DIKLA, VIOTR, MATCH, RUDPU, CLDOF)		(PYTOGA), Pieris sp. (PIERSP), <i>Polia oleracea</i> (POLIOL), <i>Plutella</i> <i>xylostella</i> (PLUTMA)		March- Oct	crop/season		(crop & season)	b) 0.0125 (crop & season)										
54	NL	Aromatic herbs, medicinal herbs (OCIBA, ALLSC,	G	<i>Autographa</i> <i>gamma</i> (PYTOGA), Pieris sp. (PIERSP),	Spraying	BBCH 11- 49 Jan-Dec	a) 2 b) 2 crop/season	7	a) 0.83 b) 1.66 (crop & season)	a) 0.0125 b) 0.025 (crop & season)	200- 1000	14	0,083% (83 ml /100 L water)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		ALLTU, STIHO, STIMO, MLSOF, AFEGR, ARTDR, HYSOF, ARNCE, CORS, PARCR, LEWOF, MAHJO, ORIVU, MENSS, SANMI, RMSOF, SALOF, THYVU, FOEVD, APUGS, RUMAC, CAHSI, CUUPG, TAGER, TOPMA, CLDOF, LOBIN, DIKLA, VIOTR, MATCH, RUDPU, CLDOF)		<i>Polia oleracea</i> (POLIOL), <i>Plutella</i> <i>xylostella</i> (PLUTMA)																
55	NL	Medicinal root crops (LEWOF, ANKAR, PIMSA, PARCT,	F	<i>Psila rosae</i> (PSILRO)	Spraying	BBCH 12- 49 March- Oct	a) 2 b) 2 crop/season	14	a) 0.42 b) 0.84 (crop & season)	a) 0.00625 b) 0.0125 (crop & season)	200- 800	7								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		VALOF, PNXGI, RUDPU)																		
56	NL	Ornamental crops	F	<i>Lepidoptera</i> (1LEPIO)	Spraying	BBCH 10- 60, apr-oct	a) 2 b) 2 crop/season	7	a) 0.33 b) 0.66	a) 0.005 b) 0.01 (crop & season)	200- 1200	NA								
57	NL	Plant breeding crops and basic seed production	G	<i>Coccidae</i> (1COCCF), <i>Chrysodeixis</i> <i>chalcites</i> (PLUSCH), <i>Liriomyza trifolii</i> (LIRITR), <i>Liriomyza cepae</i> (PHYBCE), <i>Aleyrodes</i> <i>proletella</i> (ALEUPR), <i>Thrips</i> <i>tabaci</i> (THRITB), <i>Autographa</i> <i>gamma</i> (PYTOGA), <i>Pieris</i> sp. (PIERSP), <i>Polia oleracea</i> (POLIOL),	Spraying	BBCH 10- 60 Jan-Dec	a) 3 b) 3 crop/season	7	a) 0.83 b) 2.5 (crop & season)	a) 0.0125 b) 0.0375 (crop & season)	500- 1000	NA	0,083% (83 ml /100 L water)							
58	NL	Flower seed crops	G	<i>Autographa</i> <i>gamma</i> (PYTOGA), <i>Pieris</i> sp. (PIERSP), <i>Polia oleracea</i> (POLIOL), <i>Chrysodeixis</i> <i>chalcites</i>	Spraying	BBCH 10- 60 Jan-Dec	a) 3 b) 3 crop/season	7	a) 0.83 b) 2.5 (crop & season)	a) 0.0125 b) 0.0375 (crop & season)	500- 1000	NA	0,083% (83 ml /100 L water)							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
				(PLUSCH), <i>Liriomyza trifolii</i> (LIRITR), <i>Liriomyza cepae</i> (PHYBCE), Aleyrodes <i>proletella</i> (ALEUPR), <i>Thrips</i> <i>tabaci</i> (THRITB)																

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

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

Explanation for column 15 – 21 “Conclusion”

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

Remarks table:

- (1) Numeration necessary to allow references
- (2) Use official codes/nomenclatures of EU
- (3) For crops, the EU and Codex classifications (both) should be used; where relevant, the use situation should be described (e.g. fumigation of a structure)
- (4) F: professional field use, Fn: non-professional field use, Fpn: professional and non-professional field use, G: professional greenhouse use, Gn: non-professional greenhouse use, Gpn: professional and non-professional greenhouse use, I: indoor application
- (5) Scientific names and EPPO-Codes of target pests/diseases/ weeds or when relevant the common names of the pest groups (e.g. biting and sucking insects, soil born insects, foliar fungi, weeds) and the developmental stages of the pests and pest groups at the moment of application must be named
- (6) Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench
Kind, e.g. overall, broadcast, aerial spraying, row, individual plant, between the plants - type of equipment used must be indicated
- (7) Growth stage at first and last treatment (BBCH Monograph, Growth Stages of Plants, 1997, Blackwell, ISBN 3-8263-3152-4), including where relevant, information on season at time of application
- (8) The maximum number of application possible under practical conditions of use must be provided
- (9) Minimum interval (in days) between applications of the same product.
- (10) For specific uses other specifications might be possible, e.g.: g/m³ in case of fumigation of empty rooms. See also EPPO-Guideline PP 1/239 Dose expression for plant protection products
- (11) The dimension (g, kg) must be clearly specified. (Maximum) dose of a.s. per treatment (usually g, kg or L product / ha).
- (12) If water volume range depends on application equipments (e.g. ULVA or LVA) it should be mentioned under “application: method/kind”.
- (13) PHI - minimum pre-harvest interval
- (14) Remarks may include: Extent of use/economic importance/restrictions

9.1.1 Overall conclusions

9.1.1.1 Effect on birds (KCP 10.1.1)

Except for secondary poisoning this section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

The log P_{ow} of deltamethrin amounts to 4.6. Consequently, a risk assessment for effects due to secondary poisoning should be performed. The risk assessment in the 1st authorisation is based on a PEC_{sw} value of 0.006 µg/L, which is sufficiently protective over the PEC_{sw} values as calculated for this re-evaluation. Therefore, it can be concluded that the risk assessment for fish-eating birds based on specific national requirements results in TERs above the trigger indicating an acceptable risk after use of the product.

9.1.1.2 Effect on terrestrial vertebrates other than birds (KCP 10.1.2)

Except for secondary poisoning this section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

The log P_{ow} of deltamethrin amounts to 4.6. Consequently, a risk assessment for effects due to secondary poisoning should be performed. The risk assessment in the 1st authorisation is based on a PEC_{sw} value of 0.006 µg/L, which is sufficiently protective over the PEC_{sw} values as calculated for this re-evaluation. Therefore, it can be concluded that the risk assessment for fish-eating mammals based on specific national requirements results in TERs above the trigger indicating an acceptable risk after use of the product.

9.1.1.3 Effect on other terrestrial vertebrate wildlife (reptiles and amphibians) (KCP 10.1.3)

This section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.1.1.4 Effects on aquatic organisms (KCP 10.2)

An aquatic risk assessment has been conducted based on country specific surface water calculations (TOXSWA and GEM Model).

For all crops, except small fruit crops, an acceptable risk can be concluded based on the current authorised GAP. No changes are proposed for the current authorised GAP and label.

For small fruit crops the risk based on 1.7% drift results in an unacceptable risk. When using a drift of 1.2% the risk is acceptable. According to Table 2a of the Dutch evaluation manual Fate and behaviour in surface water (Version 2.8, January 2025) this results in the following risk mitigation:

- DRT95
- DRT90 + 4.5 m crop free zone

The current risk mitigation as included on the label remains the same and is a combination of protecting aquatic organisms and insects/arthropods, bees and pollinators.

Om in het water levende organismen, niet tot de doelsoorten behorende insecten/geleedpotigen, en bijen en overige bestuivers te beschermen is toepassing van het middel in de teelt van bessen, druiven, braam, framboos en dauw-braam, uitsluitend toegestaan indien op het gehele perceel gebruik gemaakt wordt van:

- *een techniek uit tenminste de klasse DRT95, of*
- *een techniek uit tenminste de klasse DRT90 in combinatie met een teeltvrije zone van 450 centimeter gemeten vanaf het midden van de laatste struikrij of de laatste struik in de rij tot aan de insteek van de sloot of de perceelgrens.*

9.1.1.5 Effects on bees (KCP 10.3.1)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.1.1.6 Effects on arthropods other than bees (KCP 10.3.2)

This section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.1.1.7 Effects on non-target soil meso- and macrofauna (KCP 10.4), Effects on soil microbial activity (KCP 10.5)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.1.1.8 Error! Reference source not found.

This section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.1.1.9 Effects on other terrestrial organisms (flora and fauna) (KCP 10.7)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.1.2 Grouping of intended uses for risk assessment

The following table documents the grouping of the intended uses to support application of the risk envelope approach (according to SANCO/11244/2011).

Table 9.1-2: Critical use pattern of Decis Protech

Grouping according to crop			
Group	Intended uses	relevant use parameters for grouping	relevant parameter or value for sorting
1	Strawberry (12)	Field uses Model TOXSWA Dose	1 x 3 g a.s./ha
2	Caraway (8), rape (10), poppy seed/ mustard/ evening primrose/ gold-of-pleasure (33)		1 x 5 g a.s./ha
3	Ornamental crop (56)		2 (7d) x 5 g a.s./ha
4	Buckwheat (37)		2 (14d) x 5 g a.s./ha
5	Potato (2, 3)		3 (14 d)x 5 g a.s./ha
6	Medicinal herbs (53)		2 (7d) x 6.25 g a.s./ha
7	Cereals (6), teff (11), grass seed crop (32), quinoa (39), Jerusalem artichoke (50), medicinal root crops (55)		2 (14d) x 6.25 g a.s./ha
8	Potato (1), beet (5), pulses (7), flax/linseed (9), legume vegetables (16), asparagus (25), lupin/ broad bean (31), fiber crops (34), sorghum/ millet (38), courgetti (46)		1 x 7.5 g a.s./ha
9	Kohlrabi (21), radishes (22), turnip cabbage/ swede (23), bulb vegetables (24, 52), leek (26), witloof chicory (roots) (35), large-rooted chicory (36), root vegetables (without carrot) (49), Japanese artichoke/ red beet/ celeriac/ black salsify, horseradish (51)		2 (14d) x 7.5 g a.s./ha
10	Potato (4)		1 x 10 g a.s.
11	Berries, grapes, blackberry and raspberry family (Rubus spp.) (14, 15, 40, 41, 42)		2 (14d) x 5.9 g a.s./ha
12	Strawberry (13), Melon (18), Pumpkin, watermelon (45), gherkin (17), Sweet pepper (20), Plant breeding and basic seed production (57)	Greenhouse soilless uses Crop group in GEM	Sweet pepper
13	Courgette (17), Cucumber (17), Aubergine (19), Tomato, husk tomato (47)		Tomato
14	Flower bulb and flower tuber crops (28), Floriculture crops (29), flower seed crops (58), Lamb's lettuce and rucola (43), small radish (48), Vegetable sprouts, baby leaves (44)		Rose
15	Tree nursery (30), Herbs (54), Floriculture crops (29), Perennial crops (29)		Ficus
16	All intended greenhouse uses	Greenhouse soil bound	3 (7d) x 17.5 g a.s./ha

9.1.3 Consideration of metabolites

For this NLWG application only the active substance deltamethrin will be assessed. Metabolites are out of scope and covered by the overall risk assessment presented by deltamethrin. Therefore, metabolites are not considered in the assessment.

9.2 Effects on birds (KCP 10.1.1)

Except for secondary poisoning, this section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

The log P_{ow} of deltamethrin amounts to 4.6. Consequently, a risk assessment for effects due to secondary poisoning should be performed. The risk assessment in the 1st authorisation is based on a PEC_{sw} value of 0.006 µg/L, which is sufficiently protective over the PEC_{sw} values as calculated for this re-evaluation. Therefore, it can be concluded that the risk assessment for fish-eating birds based on specific national requirements results in TERs above the trigger indicating an acceptable risk after use of the product.

9.3 Effects on terrestrial vertebrates other than birds (KCP 10.1.2)

Except for secondary poisoning this section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

The log P_{ow} of deltamethrin amounts to 4.6. Consequently, a risk assessment for effects due to secondary poisoning should be performed. The risk assessment in the 1st authorisation is based on a PEC_{sw} value of 0.006 µg/L, which is sufficiently protective over the PEC_{sw} values as calculated for this re-evaluation. Therefore, it can be concluded that the risk assessment for fish-eating mammals based on specific national requirements results in TERs above the trigger indicating an acceptable risk after use of the product.

9.4 Effects on other terrestrial vertebrate wildlife (reptiles and amphibians) (KCP 10.1.3)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.5 Effects on aquatic organisms (KCP 10.2)

9.5.1 Toxicity data

Please refer to the core and national assessment of the original authorisation for an extensive elaboration of endpoints (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

For risk assessment the lowest of the two NOEAEC values, i.e. 3.2 ng as/L, will be used. Current risk assessment is performed according to the authorised label and the GAP.

9.5.1.1 Justification for new endpoints

Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.5.2 Risk assessment

The evaluation of the risk for aquatic and sediment-dwelling organisms was performed in accordance with the recommendations of the “Guidance document on tiered risk assessment for plant protection products for aquatic organisms in edge-of-field surface waters in the context of Regulation (EC) No. 1107/2009”, as provided by the Commission Services (SANTE-2015-00080, 15 January 2015).

The relevant PEC_{SW} for risk assessments, calculated according to country specific requirements, covering the proposed use pattern and the resulting PEC/RAC ratios are presented in the tables below.

To achieve a concise risk assessment, the risk envelope approach is applied. Here, the assessment for each use group also covers the risk for aquatic organisms from all other intended uses in the same use group (see 9.1.2).

Table 9.5-1: Aquatic organisms: acceptability of risk (PEC/RAC < 1) for deltamethrin for each organism group based on country specific PEC_{sw} calculations for the use of Decis Protech in field crops (use group 1 to 10)

Group		Higher tier information
Test species		<i>Aquatic invertebrates</i>
Endpoint (µg/L)		EAC 0.0032
AF		1
RAC (µg/L)		0.0032
	PEC _{gl-max} (µg/L) ^A	
Highest PEC _{sw} value – DRT 75	0.002843	0.8884

AF: Assessment factor; PEC: Predicted environmental concentration; RAC: Regulatory acceptable concentration; PEC/RAC ratios above the relevant trigger of 1 are shown in bold

^A See national addendum B8, 8.9.2.1, Table 8.9-2 for PEC_{sw}

Table 9.5-2: Aquatic organisms: acceptability of risk (PEC/RAC < 1) for deltamethrin for each organism group based on country specific PEC_{sw} calculations for the use of Decis Protech in field crops – small fruit (use group 11)

Group		Higher tier information
Test species		<i>Aquatic invertebrates</i>
Endpoint (µg/L)		EAC 0.0032
AF		1
RAC (µg/L)		0.0032
	PEC _{gl-max} (µg/L) ^A	
1.7% drift, DRT75 + crop free zone (cfz) of 4.5 m	0.004471	1.40
1.2% drift	0.003098	0.97

AF: Assessment factor; PEC: Predicted environmental concentration; RAC: Regulatory acceptable concentration; PEC/RAC ratios above the relevant trigger of 1 are shown in bold

^A See national addendum B8, 8.9.2.1, Table 8.9-3 for PEC_{sw}

Table 9.5-3: Aquatic organisms: acceptability of risk (PEC/RAC < 1) for deltamethrin for each organism group based on country specific PEC_{sw} calculations for the use of Decis Protech in greenhouse crops (use group 12 to 16)

Group		Higher tier information
Test species		<i>Aquatic invertebrates</i>
Endpoint		EAC
(µg/L)		0.0032
AF		1
RAC (µg/L)		0.0032
	PEC _{gl-max} (µg/L) ^A	
Highest PEC _{sw} value – 0% purification	9.50E-05	0.030

AF: Assessment factor; PEC: Predicted environmental concentration; RAC: Regulatory acceptable concentration; PEC/RAC ratios above the relevant trigger of 1 are shown in bold

^A See national addendum B8, 8.9.2.1, Table 8.9-7 for maximum PEC_{sw}

9.5.3 Overall conclusions

An aquatic risk assessment has been conducted based on country specific surface water calculations (TOXSWA and GEM Model).

For all crops, except small fruit crops, an acceptable risk can be concluded based on the current authorised GAP. No changes are proposed for the current authorised GAP and label.

For small fruit crops the risk based on 1.7% drift results in an unacceptable risk. When using a drift of 1.2% the risk is acceptable. According to Table 2a of the Dutch evaluation manual Fate and behaviour in surface water (Version 2.8, January 2025) this results in the following risk mitigation:

- DRT95
- DRT90 + 4.5 m crop free zone

The current risk mitigation as includes on the label remains the same and is a combination of protecting aquatic organisms and insects/arthropods, bees and pollinators.

Om in het water levende organismen, niet tot de doelsoorten behorende insecten/geleedpotigen, en bijen en overige bestuivers te beschermen is toepassing van het middel in de teelt van bessen, druiven, braam, framboos en dauw-braam, uitsluitend toegestaan indien op het gehele perceel gebruik gemaakt wordt van:

- *een techniek uit tenminste de klasse DRT95, of*
- *een techniek uit tenminste de klasse DRT90 in combinatie met een teeltvrije zone van 450 centimeter gemeten vanaf het midden van de laatste struikrij of de laatste struik in de rij tot aan de insteek van de sloot of de perceelgrens.*

9.6 Effects on bees (KCP 10.3.1)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.7 Effects on arthropods other than bees (KCP 10.3.2)

This section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.8 Effects on non-target soil meso- and macrofauna (KCP 10.4)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.9 Effects on soil microbial activity (KCP 10.5)

This section is outside the scope of the re-evaluation. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.10 Effects on non-target terrestrial plants (KCP 10.6)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.11 Effects on other terrestrial organisms (flora and fauna) (KCP 10.7)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.12 Monitoring data (KCP 10.8)

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

9.13 Classification and Labelling

This section is outside the scope of the re-evaluation. Please refer to the core assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

Appendix 1 Lists of data considered in support of the evaluation

No new studies submitted. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).

List of data submitted by the applicant and relied on

Annex point / reference number	Year	Title Source (<i>where different from company</i>) Company name, Report No., Date, GLP/GEP status (<i>where relevant</i>) published or not	Vertebrate study	Data protect. claimed	Justification if data protection is claimed	Owner

Appendix 2 Detailed evaluation of the new studies

No new studies submitted. Please refer to the core and national assessment of the original authorisation (15889N; 20130956 NLTG; 30 August 2019 & 20191546 NLKUG; 04 June 2021).