

**FINAL** REGISTRATION REPORT

**Part B**

**Section 0**

Product Background, Regulatory Context and  
GAP information

Product code: A-200SL-OR3-C

Product name(s): LEPTOSAR 200 SL

Chemical active substance:

Acetamiprid, 200 g/L

Central Zone

Zonal Rapporteur Member State: Poland

**CORE ASSESSMENT**

(authorization)

Applicant: CIECH Sarzyna S.A.

Submission date: 23/02/2021

**MS Finalisation date: 01/07/2022**

## Version history

When	What
February 2021	First submission of product authorization
May 2021	Dossier sent for evaluation
December 2021	zRMS finalised evaluation
July 2022	Final version prepared by zRMS after Commenting period

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Evaluator comments:

The text highlighted in grey was provided by the evaluator.

## **0 Product background, regulatory context and GAP information**

### **0.1 Introduction**

#### **0.1.1 Reason for application**

This application under Article 33 of regulation 1107/2009 submitted by the applicant in January 2021 is for first authorisation of the product LEPTOSAR 200 SL (containing acetamiprid, 200 g/l) follows the data requirements for the active substance laid down in Regulation (EC) No. 283/2013 and the data requirements for the plant protection product laid down in Regulation (EC) No. 284/2013.

Regarding the sources of technical active substance, the applicant has own approved active substance sources, for which equivalence to the respective approved active substance source (notified source) was demonstrated. Details on this are provided in PART C.

In addition to the submission of studies as listed in appropriated sections, exemption from the submission of studies is requested in accordance with Article 34 of Regulation (EC) No. 1107/2009.

For the active substance acetamiprid the applicant possesses letter from Proplan Plant Protection Company, S.L. in which access to all studies and statements presented in Data Matching renewal dossier for acetamiprid, positively evaluated as equivalent by Netherlands, was granted.

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

**Table 0.1-1: Overview of zRMS and cMS**

	<b>zRMS, product name and authorization no. (if relevant)</b>	<b>(if relevant) Concerned MS, MS' product name and authorization number (if applicable)</b>
<b>Northern zone</b>	N/A	-
<b>Central zone</b>	PL LEPTOSAR 200 SL	-
<b>Southern zone</b>	N/A	-
<b>Inter-zonal</b>	N/A	-

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

##### **0.1-2: Summary of regulatory history of CAS No: 135410-20-7**

<b>Status</b>	
Approved in EU	Y
Commission Implementing Regulation	Commission Implementing Regulation (EU) No 2018/113
RMS	NL
Date of Approval (or most recent renewal) of Active Substance (date of Regulation to be applied)	01.03.2018
Date of first Commission (re-registration) deadline (Step 1) or date of deadline for renewal of authorization (renewal)	-
Date of final Commission (re-registration) deadline (Step 2)	-

<b>Status</b>	
Current expiration of approval	28.02.2033
Low risk substance or Candidate for Substitution?	N/A

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

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

For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the renewal report on acetamiprid, and in particular Appendices I and II thereof, shall be taken into account.

In their overall assessment Member States shall pay particular attention to:

- the risk to aquatic organisms, bees and other non-target arthropods,
- the risk to birds and mammals,
- the risk to consumers,
- the risk to operators.

Conditions of use shall include risk mitigation measures, where appropriate.

The SANCO report for acetamiprid (SANTE/10502/2017 Rev 4 - 13 December 2017) is considered to provide the relevant information on the evaluation or a reference to where such information can be found. An EFSA Scientific Report was made available on 17.10.2016.

**Table 0.1-3: Information on minimum purity of acetamiprid**

EU agreed minimum purity from Inclusion Directive or Implementing regulation	(if different) Minimum purity of active substance used in the product / information on available equivalency report *, **
990 g/kg	<p>1. 990 g/kg Equivalence report available: Y RMS: PL</p> <p>2. 990 g/kg Equivalence report available: Y RMS: PT</p>

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

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

#### 0.1.4 Regulatory history of the product

Not relevant as the product has not yet been authorised

#### 0.2 zRMS conclusion

##### Section 1, 2 and 4. Identity, physical and chemical properties and further information

A two-year shelf life is accepted for the PPP.

Based on physicochemical properties the PPP is not classified.

##### Section 3. Efficacy

The evaluation of the application of Leptosar 200 SL resulted in the decision to grant authorization for use according to the GAP table.

##### Section 5. Analytical Methods

The analytical method used for analysing the active substance is accepted.

##### Section 6. Mammalian Toxicology

Based on the calculation method and taking into consideration valid data available on each of the components of LEPTOSAR 200 SL, the product is classified as Acute Tox. 4 (H302), Skin Sens. 1B (H317), Eye Irrit. 2 (H319), Repr. 2 (H361d).

The results of exposure assessment indicate that LEPTOSAR 200 SL is safe for operator using coveralls and gloves during mixing and loading in the case of the greenhouses use (tomato, aubergine paprika) and workwear and gloves for apple, pear, quince, medlar, cherry, peach, nectarine, apricot, plum, hazelnut, walnut, tobacco, common osier, purple willow. Workwear, gloves and drift reduction technology are relevant for oilseed rape, mustard, turnip rape, flax, hemp, sunflower, opium poppy, wheat, rye, triticale, maize, sorghum, millet, soybean and pumpkin, but in the case of forest and ornamental nurseries plants, restockings, afforestations and forest trees' seed plantations; Christmas trees plantations – workwear, gloves and closed cabin.

For workers re-entering crops treated with LEPTOSAR 200 SL no unacceptable risk is anticipated if workers are wearing workwear and use gloves in greenhouses (tomato, aubergine, paprika) and in the case of soybean, pumpkin, apple, pear, quince, medlar, cherry, peach, nectarine, apricot, plum, hazelnut, walnut, forest and ornamental nurseries plants, restockings, afforestations and forest trees' seed plantations; Christmas trees plantations, tobacco, purple willow, common osier.

No unacceptable risk is anticipated for resident and bystander in all intended uses provided that in the case of apple, pear, quince, medlar, cherry, peach, nectarine, apricot, plum, hazelnut, walnut and forest and ornamental nurseries plants, restockings, afforestations and forest trees' seed plantations; Christmas trees plantations, tobacco, purple willow, common osier the buffer zone of 5 m is applied.

Additionally, in the case of the forest and ornamental nurseries plants, restockings, afforestations and forest trees' seed plantations; Christmas trees plantations only the use of the drift reduction technology reduces spray drift to the acceptable level for bystanders.

#### Section 7. Metabolism and Residues

The evaluation of the application for Leptosar 200 SL resulted in the decision to grant the authorization consistently with the GAP included in Section B7 (**Błąd! Nie można odnaleźć źródła odwołania.**). Sweet corn (the applicant's "sugar maize") cannot be approved due to the lack of data. In the context of the authorization request the necessary analytical methods are available.

#### Section 8. Environmental Fate

In accordance with intended uses, all relevant information was submitted. The mitigation measures were proposed.

#### Section 9. Ecotoxicology

Based on the risk assessment in **section of ecotoxicology** it can be concluded that the proposed use of and wheat poses acceptable risk to non-target organisms, if applied according to the recommended and accepted use pattern. Particular precautions to reduce the environmental concentrations resulting from LEPTOSAR 200 SL applications are required for aquatic organisms and NTA.

#### Section 10. Assessment of the relevance of metabolites in groundwater

The concentration of acetamiprid metabolites in groundwater are predicted to occur below the trigger value of 0.1 µg/L, therefore, the relevance assessment of these metabolites according to the stepwise procedure of the EC guidance document SANCO/221/2000 –rev.10 is not required.

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

1-42, 44, 46-60

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

43, 45

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

**Fate & behaviour:** For alkaline soils the application in sunflower and soybean is acceptable if the formulation is used every second year (based on groundwater exposure assessment).

Section B9 - None

## Appendix 1 ALL intended uses

GAP rev. 2, date: 2021-02-09

PPP (product name/code): LEPTOSAR 200 SL  
Active substance 1: acetamiprid  
Safener: -  
Synergist: -  
Applicant: CIECH Sarzyna S.A.  
Zone(s): central <sup>(d)</sup>  
Verified by MS: yes/~~no~~

Formulation type: SL <sup>(a, b)</sup>  
Conc. of as 1: 200 g/l <sup>(c)</sup>  
Conc. of safener: -  
Conc. of synergist: -  
Professional use: ☒  
Non professional use: ☐

Field of use: insecticide

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use- No. <sup>(e)</sup>	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: develop- mental stages of the pest or pest group)	Application				Application rate			PHI (days)	Remarks:  e.g. g safen- er/synergist per ha (f)
					Method / Kind	Timing / Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	kg or L product / ha a) max. rate per appl. b) max. total rate per crop/season	g or kg as/ha  a) max. rate per appl. b) max. total rate per crop/season	Water L/ha  min / max		
Zonal uses (field or outdoor uses, certain types of protected crops)													
1.	PL	Winter oilseed rape (BRSNW)	F	Pollen Beetles ( <i>Meligethes aeneus</i> ) – MELIAE	Foliar spray	After reaching thresholds or after warning service appeal BBCH 30-69	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
2.	PL	Winter oilseed rape (BRSNW)	F	Rape stem weevil ( <i>Ceu- torhynchus napi</i> ) - CEUTNA	Foliar spray	After reaching thresholds or after warning service appeal BBCH 17-59 BBCH 30-59	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
3.	PL	Winter oilseed rape (BRSNW)	F	Cabbage stem weevils ( <i>Ceutorhynchus pallidac- tylus</i> ) – CEUTQU	Foliar spray	After reaching thresholds or after warning service	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-



						appeal BBCH 17-59 BBCH 30-59							
4.	PL	Winter oilseed rape (BRSNW)	F	Cabbage seed weevil ( <i>Ceutorhynchus obstric- tus</i> ) – CEUTAS	Foliar spray	After reaching thresholds or after warning service appeal BBCH 59-71	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
5.	PL	Winter oilseed rape (BRSNW)	F	Brassica pod midge ( <i>Dasineura brassicae.</i> ) - DASYBR	Foliar spray	After reaching thresholds or after warning service appeal BBCH 59-71	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
6.	PL	Maize (ZEMAX)	F	European corn borer ( <i>Ostrinia nubilalis</i> ) - PYRUNU	Foliar spray	After reaching thresholds or after warning service appeal BBCH 51-75 53- 59 51- 61	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	300-500	n.a.	-

Minor uses according to Article 51 (zonal uses)													
7.	PL	Spring oilseed rape (BRSNS) white mustard (SINAL); black mustard (BRSNI), Chinese mustard (BRSJU) turnip rape (BRSRO)	F	Pollen beetles ( <i>Meligethes aeneus</i> ) – MELIAE	Foliar spray	After reaching thresholds or after warning service appeal BBCH 30-69	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
8.	PL	Spring oilseed rape (BRSNS) white mustard (SINAL); black mustard (BRSNI), Chinese mustard (BRSJU) turnip rape (BRSRO)	F	Rape stem weevil ( <i>Ceutorhynchus napi</i> ) - CEUTNA	Foliar spray	After reaching thresholds or after warning service appeal BBCH 20-59	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
9.	PL	Spring oilseed rape (BRSNS) white mustard (SINAL); black mustard (BRSNI), Chinese mustard (BRSJU) turnip rape (BRSRO)	F	Cabbage stem weevils ( <i>Ceutorhynchus pallidactylus</i> ) – CEUTQU	Foliar spray	After reaching thresholds or after warning service appeal BBCH 20-59	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
10.	PL	Spring oilseed rape (BRSNS) white mustard (SINAL); black mustard (BRSNI), Chinese mustard (BRSJU) turnip rape (BRSRO)	F	Cabbage seed weevil ( <i>Ceutorhynchus obstrictus</i> ) – CEUTAS	Foliar spray	After reaching thresholds or after warning service appeal BBCH 59-71	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
11.	PL	Spring oilseed rape (BRSNS); white mustard (SINAL); black mustard (BRSNI), Chinese mustard (BRSJU); turnip rape (BRSRO)	F	Brassica pod midge ( <i>Dasineura brassicae</i> ,) - DASYBR	Foliar spray	After reaching thresholds or after warning service appeal BBCH 59-71	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
12.	PL	Flax (LIUUT) - seeds and fiber production	F	Large flax flea beetle ( <i>Aphthona euphorbiae</i> ) - APHTEU; Small flax flea beetle ( <i>Longitarsus parvulus</i> ) - LONIPA	Foliar spray	After reaching thresholds or after warning service appeal BBCH 10-14	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-

13.	PL	Flax (LIUT) -seeds and fiber production	F	Cabbage thrips ( <i>Thrips angusticeps</i> ) - THRAN; Flax thrips ( <i>Thrips lini</i> ) - THRIL	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 30-61	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
14.	PL	Common hemp (CNISA) - seeds and fiber production	F	Hemp flea beetle ( <i>Psylliodes attenuata</i> ) - PSYIAT	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-14	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
15.	PL	Common hemp (CNISA) - seeds and fiber production	F	European maize borer ( <i>Ostrinia nubilalis</i> ) - PYRUNU	Foliar spray	After reaching thresholds or after warning service appeal (June)	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
16.	PL	Common hemp (CNISA) - seeds and fiber production	F	Aphids ( <i>Aphididae</i> ) – APXXSP; Thrips ( <i>Thysanoptera</i> ) - 1THYSO	Foliar spray	After reaching thresholds or after warning service appeal  (BBCH 39-59)	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-400	n.a.	-
17.	PL	Soybean (GLXMA) – seeds production	F	Sitona ( <i>Sitona sp.</i> ) - SITNSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-19	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-500	n.a.	-
18.	PL	Soybean (GLXMA) – seeds production	F	Bishop bug ( <i>Lygus rugulipennis</i> ) – LYGURU; Aphids ( <i>Aphididae</i> ) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 61-65	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-500	n.a.	-
19.	PL	Opium poppy (PAPSO) – seeds production	F	Capsule midge ( <i>Dasineura papaveris</i> ) -DASYPA; Capsule weevils ( <i>Neoglossini</i> ) - CEUTMA	Foliar spray	After reaching thresholds or after warning service appeal	a) 1 b) 1	n.a.	a) 0,15 l/ha b) 0,15 l/ha	a) 30 g/ha b) 30 g/ha	200-400	n.a.	-

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						BBCH 10-39							
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20.	PL	Sunflower (HELAN) – seeds production	F	Aphids ( <i>Aphididae</i> ) – APXXSP; Lygus bug ( <i>Lygus sp.</i> ) - LYGUSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 10-65	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha a) 0,25 l/ha b) 0,25 l/ha	a) 60 g/ha b) 60 g/ha a) 50 g/ha b) 50 g/ha	300-500	n.a.	-
21.	PL	Pumpkin (CUUPE) – seeds production	F	Lygus bug ( <i>Lygus sp.</i> ) - LYGUSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 21-69 BBCH ≥50 50-65	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	200-500	n.a.	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)
22.	PL	sugar maize <del>Zea mays L. convar. saccharata Koern. (ZEAMS);</del> Popcorn (ZEAME); sorghum (SORVU), proso true millet (PAN-MI)	F	European corn borer ( <i>Ostrinia nubilalis</i> ) - PYRUNU;  Aphids ( <i>Aphididae</i> ) – APXXSP;	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 51-75	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	300-500	n.a.	Sweet corn can be extrapolated only from maize harvest-ed at BBCH stage 75, and in any case before BBCH stage 85 (SANCO 7525/VI/95 Rev. 10.3)
23.	PL	Spring rye (SECCS), Durum wheat (TRZDU), Spelt wheat (TRZSP), einkorn wheat (TRZMO) emmer wheat (TRZDI)	F	Cereal leaf beetle ( <i>Oulema melanopus</i> ) – LEMAME	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 37-65	a) 1 b) 1	n.a.	a) 0,2 l/ha b) 0,2 l/ha	a) 40 g/ha b) 40 g/ha	200-400	n.a.	-
24.	PL	Spring rye (SECCS), Spring triticale (TTLWS), Durum wheat (TRZDU), Spelt wheat (TRZSP), einkorn wheat (TRZMO) emmer wheat (TRZDI)	F	Cereal bug ( <i>Eurygaster maura</i> )- EURYMA	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 30-59	a) 1 b) 1	n.a.	a) 0,2 l/ha b) 0,2 l/ha	a) 40 g/ha b) 40 g/ha	200-400	n.a.	-
25.	PL	Spring wheat (TRZAS)	F	Cereal bug ( <i>Eurygaster maura</i> )- EURYMA	Foliar spray	After reaching thresholds or after	a) 1 b) 1	n.a.	a) 0,2 l/ha b) 0,2 l/ha	a) 40 g/ha b) 40 g/ha	200-400	n.a.	-

						warning service appeal BBCH 30-59							
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26.	PL	Winter wheat (TRZAW)	F	Cereal bug ( <i>Eurygaster maura</i> )- EURYMA	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 30-59	a) 1 b) 1	n.a.	a) 0,2 l/ha b) 0,2 l/ha	a) 40 g/ha b) 40 g/ha	200-400	n.a.	-
27.	PL	Winter triticale (TTLWI), Winter rye (SECCW)	F	Cereal bug ( <i>Eurygaster maura</i> )- EURYMA	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 30-59	a) 1 b) 1	n.a.	a) 0,2 l/ha b) 0,2 l/ha	a) 40 g/ha b) 40 g/ha	200-400	n.a.	-
28.	PL	tomato (LYPES), aubergine (SOLME), Pepper (CPSAN)	G	Glasshouse white-fly( <i>Trialeurodes vaporariorum</i> ) – TRIAVA- Common cotton thrips ( <i>Thrips tabaci</i> ) – THRITB; Western grass thrips ( <i>Frankliniella occidentalis</i> ) - FRANOC; Leaf miner ( <i>Phytomyza sp.</i> ) - PHYYS; Aphids ( <i>Aphididae</i> ) – APXXSP; , Lygus bug( <i>Lygus sp.</i> ) - LYGUSP; Flea beetle ( <i>Psylliodes</i> ) - IPSYIG	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 20 – <del>89589</del>	a) 1 b) 1	n.a.	a) 0,3 l/ha b) 0,3 l/ha	a) 60 g/ha b) 60 g/ha	300-750	3	-
29.	PL	Wild apple (MABSY)	F	Aphids ( <i>Aphididae</i> ) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
30.	PL	Wild apple (MABSY)	F	Codling moth ( <i>Cydia pomonella</i> ) - CARPPO	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 69-74	a) 2 b) 2	7-14	a) 0,125 L/ha b) 0,25L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
31.	PL	Wild apple (MABSY)	F	Pear leaf blister moth ( <i>Leucoptera scitella</i> ) -	Foliar spray	After reaching thresholds or after	a) 1	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-

				LEUCSC		warning service appeal  BBCH 57-69	b) 2						
32.	PL	Wild apple (MABSY)	F	Apple fruit sawfly ( <i>Hoplocampa testudinea</i> ) - HOPLTE	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 65-69	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
33.	PL	Wild apple (MABSY)	F	Apple leaf midge ( <i>Dasi-neura mali</i> ) - DASYMA	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 59-73	a) 2 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25g/ha b) 50 g/ha	200-750	14	-
34.	PL	Wild apple (MABSY)	F	Bracken clock ( <i>Phyllopertha horticola</i> ) - PHPHHO	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 59-73	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
35.	PL	Pear (PYUCO), Chinese pear (PYUPY)	F	Aphids (Aphididae) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
36.	PL	Pear (PYUCO), Chinese pear (PYUPY)	F	Codling moth ( <i>Cydia pomonella</i> ) - CARPPO	Foliar spray	After reaching thresholds or after warning service appeal  BBCH-71-87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
37.	PL	Pear (PYUCO), Chinese pear (PYUPY)	F	Cherry slug saw-fly( <i>Caliroa limacina</i> ) - ERICLI	Foliar spray	After reaching thresholds or after warning service appeal	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-



						BBCH 71-87							
38.	PL	Pear (PYUCO), Chinese pear (PYUPY)	F	Apple bud weevil ( <i>Anthonomus piri</i> ) - ANTHPY	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 51-59	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
39.	PL	Pear (PYUCO), Chinese pear (PYUPY)	F	Pear leaf midge ( <i>Dasineura pyri</i> ) - DASYPY	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 71-79	a) 2 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
40.	PL	Pear (PYUCO), Chinese pear (PYUPY)	F	Pear psylla ( <i>Cacopsylla pyri</i> ) - PSYLPI; Pear sucker ( <i>Cacopsylla pyrisuga</i> ) - PSYLPY; , Pear psyllid ( <i>Cacopsylla pyricola</i> ) - PSYLPY	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-71 BBCH 51 - 71	a) 2 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
41.	PL	Quince (CYDOB), medlar (MSPGE)	F	Aphids ( <i>Aphididae</i> ) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
42.	PL	Quince (CYDOB), medlar (MSPGE)	F	Codling moth ( <i>Cydia pomonella</i> ) - CARPPO	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 71-87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
43.	PL	Sour cherry (PRNCE), sweet cherry (PRNAV)	F	Cherry fruit fly ( <i>Rhagoletis cerasi</i> ) – RHAGCE	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 76-81	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)

44.	PL	Sour cherry (PRNCE), sweet cherry (PRNAV),	F	Aphids ( <i>Aphididae</i> ) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 8765	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	250-750	14	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)
45.	PL	Sour cherry (PRNCE), sweet cherry (PRNAV),	F	Cherry slug sawfly ( <i>Caliroa limacina</i> ) – ERICLI	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 71-87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)
46.	PL	Sour cherry (PRNCE), sweet cherry (PRNAV),	F	Cherry fruit moth ( <i>Ar- gyresthia ephippiella</i> ) - ARGYEP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 51-59	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
47.	PL	Sour cherry (PRNCE), sweet cherry (PRNAV),	F	Cherry-stone weevil ( <i>Anthonomus rectirostris</i> ) - ANTHRE	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 57-6965	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)
48.	PL	Sour cherry (PRNCE), sweet cherry (PRNAV),	F	Apple brown tortrix ( <i>Pandemis heparana</i> ) - PANDHE; Reticulated tortrix ( <i>Adoxophyes ora- na</i> ) - CAPURE; European leaf roller ( <i>Archips ro- sana</i> ) - CACORO; Whelk ( <i>Tortricidae</i> ) - 1TORTF; and other leaf caterpillars	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 8765	a) 2 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25g/ha b) 50 g/ha	200-750	14	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)
49.	PL	Peach (PRNPS), Nectar- ine (PRNPN),apricot (PRNAR)	F	Apple brown tortrix ( <i>Pandemis heparana</i> ) - PANDHE; Reticulated tortrix ( <i>Adoxophyes</i> <i>orana</i> ) - CAPURE; Euro- pean leaf roller ( <i>Archips</i> <i>rosana</i> ) - CACORO; Whelk ( <i>Tortricidae</i> ) -	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 8765	a) 2 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a)25 g/ha b) 50 g/ha	200-750	14	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)

				1TORTF; and other leaf caterpillars									
50.	PL	Peach (PRNPS), Nectarine (PRNPN), apricot (PRNAR)	F	Aphids ( <i>Aphididae</i> ) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 8765	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	No extrapolation beyond the BBCH 65 (SANCO 7525/VI/95 Rev. 10.3)
51.	PL	Plum (PRNDO)	F	Aphids ( <i>Aphididae</i> ) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87 BBCH 51 - 87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
52.	PL	Plum (PRNDO)	F	Plum fruit sawfly ( <i>Hoplocampa minuta</i> ) - HOPLMI; Plum sawfly ( <i>Hoplocampa flava</i> ) - HOPLFL;	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 69-87	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
53.	PL	Plum (PRNDO)	F	Plum fruit moth ( <i>Laspeyresia funebrana</i> ) - LASPFU	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 71-81	a) 2 b) 2	14-21	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
54.	PL	Plum (PRNDO)	F	European brown scale ( <i>Parthenolecanium corni</i> ) - LECACO	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 54-59	a) 1 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25g/ha b) 50 g/ha	200-750	14	-
55.	PL	Plum (PRNDO)	F	Apple brown tortrix ( <i>Pandemis heparana</i> ) - PANDHE; Reticulated tortrix ( <i>Adoxophyes orana</i> ) - CAPURE; European leaf roller ( <i>Archips ro-</i>	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-87	a) 2 b) 2	7-10	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-

				sana) - CACORO; Whelk ( <i>Tortricidae</i> ) - 1TORTF; and other leaf caterpillars		BBCH 51 - 87							
56.	PL	Hazelnut (CYLAV)	F	Aphids (Aphididae) – APXXSP; , Hazelnut weevil ( <i>Curculio nucum</i> ) - CURCNU; ( <i>Oberea linearis</i> ) - OBERLI; European brown scale ( <i>Parthenolecanium corni</i> ) - LECACO; , Reticulated tortrix ( <i>Adoxophyes orana</i> ) - CAPURE; European leaf roller ( <i>Archips rosana</i> ) - CACORO; other totrix and other leaf caterpillars	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-65 BBCH 51 - 65	a) 2 b) 2	7-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
57.	PL	walnut (IUGRE)	F	Aphids (Aphididae) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 50 – 65	a) 2 b) 2	10-14	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	14	-
58.	PL	Tobacco (NIOTA)	F	Common cotton thrips ( <i>Thrips tabaci</i> ) - THRITB; Aphids (Aphididae) – APXXSP	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 40-85	a) 2 b) 2	7-10	a) 0,125 L/ha b) 0,25 L/ha	a) 25g/ha b) 50 g/ha	200-750	na	-
						BBCH 30-39	a) 1 b) 1	-	a) 0.125 L/ha b) 0.125 L/ha	a) 25g/ha b) 25g/ha			
59.	PL	Common osier (SAXVI) Purple willow (SAXPU)	F	Aphids (Aphididae) – APXXSP, Balsam poplar leaf beetle ( <i>Chrysomela populi</i> ) - CHRSP0; (Chrysomela saliceti)- CHRSSA, Blue willow beetle ( <i>Phratora vulgatissima</i> ) - PHRRVU; Brassy willow leaf beetle ( <i>Phratora vitellinae</i> ) - PHRRVI; Cream-bordered green pea moth ( <i>Earias clorana</i> ) -	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-69 BBCH 51 - 69	a) 2 b) 2	10	a) 0,125 L/ha b) 0,25 L/ha	a) 25 g/ha b) 50 g/ha	200-750	na	-

				EARICH; , Gall midge ( <i>Dasineura marginemtor- quens</i> ) - RHABMA									
60.	PL	Forest and ornamental nurseries plants, restock- ings, afforestations and forest trees' seed planta- tions; Christmas trees grown on plantations	F	Aphids ( <i>Aphididae</i> ) – APXXSP, Springtails ( <i>Collembola</i> ) - 1COLLO; Larch case-bearer ( <i>Cole- ophora laricella</i> ) - COLELA	Foliar spray	After reaching thresholds or after warning service appeal  BBCH 11-69	a) 1  b) 1	n.a.	a) 0,25 L/ha b) 0,25 L/ha a) 0,20 L/ha b) 0,20 L/ha	a) 50 g/ha b) 50 g/ha a) 40 g/ha b) 40 g/ha	200-400	na	-

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

**table head-  
ing:** (b) Catalogue of pesticide formulation types and international coding system CropLife  
International Technical Monograph n°2, 6th Edition Revised May 2008

(c) g/kg or g/l

**Remarks** 1 Numeration necessary to allow references  
**columns:** 2 Use official codes/nomenclatures of EU Member States  
3 For crops, the EU and Codex classifications (both) should be used; when relevant, the  
use situation should be described (e.g. fumigation of a structure)  
4 F: professional field use, Fn: non-professional field use, Fpn: professional and non-  
professional field use, G: professional greenhouse use, Gn: non-professional green-  
house use, Gpn: professional and non-professional greenhouse use, I: indoor applica-  
tion  
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 in-  
sects, 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.

(d) Select relevant

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

(f) No authorization possible for uses where the line is highlighted in grey, Use should be crossed out  
when the notifier no longer supports this use.

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