REGISTRATION REPORT

Part A

Risk Management

Product code: COM 508 24 H EC

Product name: HERBISTOP ULTRA +

Chemical active substance:

Pelargonic acid, 580.24 g/L

Southern Zone

Zonal Rapporteur Member State: France

NATIONAL ASSESSMENT FRANCE

(new application)

Applicant: COMPO France SAS

Date: 2022-06-28

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PART A

RISK MANAGEMENT

1 Details of the application

The company COMPO France SAS has requested a marketing authorisation in France for the product HERBISTOP ULTRA + (formulation code: COM 508 24 H EC), containing 580.24 g/L pelargonic acid [1] as an herbicide for non-professional uses.

Appendix 1 of this document provides a copy of the product authorisation.

Appendix 2 of this document contains a copy of the product label (draft as proposed by the applicant).

1.1 Application background

The present registration report concerns the evaluation of COMPO France SAS's application submitted on 15/07/2020 to market HERBISTOP ULTRA + (COM 508 24 H EC) in France (product uses described under point 2.3). France acted as a zonal Rapporteur Member State (zRMS) for this request and assessed the application submitted for the first authorisation of this product in France and in other Member States (MSs) of the Southern zone.

The present application (2020-2284) was evaluated in France by the French Agency for Food, Environmental and Occupational Health & Safety (Anses), according to the Regulation (EC) no 1107/2009[2], the implementing regulations, and French regulations. This application was assessed in the context of the zonal procedure for all MSs of the Southern zone, taking into account the worst-case uses ("risk envelope approach")[3]. When risk mitigation measures were necessary, they are adapted to the situation in France.

The data taken into account are those deemed to be valid either at European level (Review Report and EFSA conclusion) or at zonal/national level. The assessment of HERBISTOP ULTRA + (COM 508 24 H EC) has been made using endpoints agreed in the EU peer review of pelargonic acid. It also includes assessment of data and information related to HERBATAK ULTRA+ (COM 508 24 H EC) where those data have not been considered in the EU peer review process.

This part A of the RR presents a summary of essential scientific points upon which recommendations are based and is not intended to show the assessment in detail. The risk assessment conclusions provided in this document are based on the information, data and assessments provided in the Registration Report, Part B Sections 1-10 and Part C, and where appropriate the addendum for France.

The conclusions on the acceptability of risk are based on the criteria provided in Regulation (EU) No 546/2011[4], and are expressed as "acceptable" or "not acceptable" in accordance with those criteria.

This document also describes the specific conditions of use and labelling required for France for the registration of HERBATAK ULTRA+ (COM 508 24 H EC).

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1 COMMISSION IMPLEMENTING REGULATION (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances

2 REGULATION (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC

3 SANCO document "risk envelope approach", European Commission (14 March 2011). Guidance document on the preparation and submission of dossiers for plant protection products according to the "risk envelope approach"; SANCO/11244/2011 rev. 5

4 COMMISSION REGULATION (EU) No 546/2011 of 10 June 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards uniform principles for evaluation and authorisation of plant protection products

1.2 Letters of Access

Not necessary: the applicant is member of the taskforce

1.3 Justification for submission of tests and studies

According to the applicant: « Several new studies have been performed with HERBISTOP ULTRA + (COM 508 24 H EC) in order to fulfil new data requirements according to Regulation (EU) No 284/2013. A full list of new studies with justifications for submission is given in Appendix 4».

1.4 Data protection claims

Where protection for data is being claimed for information supporting registration of HERBISTOP ULTRA + (COM 508 24 H EC), it is indicated in the reference lists in Appendix 1 of the Registration Report, Part B Sections

2 Details of the authorisation decision

2.1 Product identity

Product code	COM 508 24 H EC
Product name in MS	HERBISTOP ULTRA +
Authorisation number	Not applicable
Kind of use	Non-professional use
Low risk product (article 47)	/
Function	Herbicide
Applicant	COMPO FRANC SAS
Active substance(s) (incl. content)	Pelargonic acid, 580.24 g/L
Formulation type	Emulsifiable concentrate (EC)
Packaging	N/A: not registered in France
Coformulants of concern for national authorisations	-
Restrictions related to identity	-
Mandatory tank mixtures	None
Recommended tank mixtures	None

2.2 Conclusion

The evaluation of the application for HERBISTOP ULTRA + (COM 508 24 H EC) resulted in the decision to refuse the authorisation.

2.3 Substances of concern for national monitoring

Refer to 5.1.1.

2.4 Classification and labelling

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

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

Hazard class(es), categories:	Skin irritation, category 2 Eye irritation, category 2 Hazardous to the aquatic environment - Chronic Hazard, category 3
Hazard pictograms:	 GHS07
Signal word:	Warning
Hazard statement(s):	H315: Causes skin irritation. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long-lasting effects.
Precautionary statement(s):	***For the P phrases, refer to the existing legislation***
Additional labelling phrases:	-

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

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

N/A: not registered in France.

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

N/A: not registered in France.

2.5 Risk management

According to the French law and procedures, specific conditions of use are set out in the Decision letter.

The French Order of 4 May 2017[5] provides that:

- unless otherwise stated in the product authorisation, the pre harvest interval (PHI) is at least 3 days;
- unless otherwise stated in the product authorisation, the minimum buffer zone alongside a water body is 5 metres for products applied through spraying or dusting;
- unless otherwise stated in the product authorisation, the minimum re-entry period is 6 hours for field uses and 8 hours for indoor uses.

Drift reduction measures such as low-drift nozzles are not considered within the decision-making process in France. However, non-spraying buffer zones may be reduced under some circumstances as explained in appendix 3 of the above-mentioned French Order.

Finally, the French Order of 12 April 2021[6] provides that:

- an authorisation granted for a "reference" crop applies also for "related" crops, unless formally stated in the Decision
- the "reference" and "related" crops are defined in Appendix 1 of that French Order.

Thus, at French national level, possible extrapolation of submitted data and the corresponding assessment from "reference" crops to "related" ones are undertaken even if not clearly requested by the applicant in their dRR, and a conclusion is also reached on the acceptability of the intended uses on those "related" crops. The aim of this Order, mainly based on the EU document on residue data extrapolation[7] is to supply "minor" crops with registered plant protection products.

Therefore the GAP table (Section 2.3) and Decision may include uses on crops not originally requested by the applicant.

The Decision, as reproduced in Appendix 1, takes also into account national provisions, including national mitigation measures.

2.5.1 Restrictions linked to the PPP

N/A: not registered in France.

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):

N/A: not registered in France.

[5] Arrêté du 4 mai 2017 relatif à la mise sur le marché et à l'utilisation des produits phytopharmaceutiques et de leurs adjuvants visés à l'article L. 253-1 du code rural et de la pêche maritime, amended by the arrêté du 27 décembre 2019 relatif aux mesures de protection des personnes lors de l'utilisation de produits phytopharmaceutiques https://www.legifrance.gouv.fr/eli/arrete/2017/5/4/AGRG1632554A/jo/texte ; https://www.legifrance.gouv.fr/affichTexte.do?cidTexte=JORFTEXT000039686039&categorieLien=id

[6] https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000043401456

[7] SANCO document "guidance document:- Guidelines on comparability, extrapolation, group tolerances and data requirements for setting MRLs": SANCO/ 7525/VI/95 - rev.9

2.6 Intended uses (only NATIONAL GAP)

Please note: The GAP Table below reports the intended uses proposed by the applicant, and possible extrapolation according to French Order of 12 April 2021 (highlighted in green), evaluated and concluded as safe uses by France as zRMS. Those uses are then granted in France.
When the conclusion is "not acceptable", the intended use is highlighted in grey and the main reason(s) reported in the remarks.
When a use is "acceptable" with GAP restrictions, the modifications of the GAP are in bold.
Use should be crossed out when the applicant no longer supports this use.

GAP rev. 1, date: 2022-06-28

PPP (product name/code):	HERBISTOP ULTRA +/ COM 508 24 H EC	Formulation type:	EC [a, b]
Active substance 1:	Pelargonic acid	Conc. of a.s. 1:	580.24 g/L[c]
Safener:	NC	Conc. of safener:	NC
Synergist:	NC	Conc. of synergist:	NC
Applicant:	COMPO France SAS	Professional use:	☐
Zone(s):	Southern Zone [d]	Non-professional use:	☒
Verified by MS:	Yes		
Field of use:	Herbicide		

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No. [e]	**Member state(s)**	**Crop and/ or situation (crop destination/purpose of crop)**	**F, Fn, Fpn G, Gn, Gpn or I**	**Pests or Group of pests controlled** (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			**PHI** (days)	**Remarks:**
					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 a.s./ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		e.g. g safener/synergist per ha [f] RMS Conclusions
Zonal uses (field or outdoor uses, certain types of protected crops)													
1	FR	Fruit trees (Pome and stone fruits, tree nuts) (NNNOG)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	a) 4 b) 4	21 days	a) 53.41 b) 213.64	a) 30990 b) 123960	946.65	n.a.	**Not acceptable** (groundwater)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No. [e]	**Member state(s)**	**Crop and/ or situation (crop destination/purpose of crop)**	**F, Fn, Fpn G, Gn, Gpn or I**	**Pests or Group of pests controlled** (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			**PHI** (days)	**Remarks:** e.g. g safener/synergist per ha [f] RMS Conclusions
					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 a.s./ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
2	FR	Fruit trees (Pome and stone fruits, tree nuts) (NNNOG) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	a) 4 b) 4	21 days	a) 25.85 b) 103.40	a) 15000 b) 60000	200	n.a	**Not acceptable** (groundwater)
3	FR	Soft fruits (except strawberry) (NNNOG except FRAAN)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	a) 4 b) 4	21 days	a) 53.41 b) 213.64	a) 30990 b) 123960	946.65	n.a.	**Not acceptable** (groundwater)
4	FR	Soft fruits (except strawberry) (NNNOG except FRAAN) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	a) 4 b) 4	21 days	a) 25.85 b) 103.40	a) 15000 b) 60000	200	n.a.	**Not acceptable** (groundwater)
5	FR	Ornamental shrubs and trees (NNNZG)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	a) 4 b) 4	21 days	a) 53.41 b) 213.64	a) 30990 b) 123960	946.65	n.a.	**Not acceptable** (groundwater)
6	FR	Ornamental shrubs and trees (NNNZG) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	a) 4 b) 4	21 days	a) 25.85 b) 103.40	a) 15000 b) 60000	200	n.a	**Not acceptable** (groundwater)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No. [e]	**Member state(s)**	**Crop and/or situation (crop destination/purpose of crop)**	**F, Fn, Fpn G, Gn, Gpn or I**	**Pests or Group of pests controlled** (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			**PHI** (days)	**Remarks:** e.g. g safener/synergist per ha [f] RMS Conclusions
					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 a.s./ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
7	FR	Vegetables (NNNVV)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying with spray shield, be-tween/under cultivated plants, Sin-gle plant treatment	S-EU: February to November	2	21 days	a) 53.41 b) 106.82	a) 30990 b) 61980	946.65	n.a.	**Not acceptable** (groundwater)
8	FR	Vegetables (NNNVV) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying with spray shield, between/under cultivated plants, Single plant treatment	S-EU: February to November	2	21 days	a) 25.85 b) 51.70	a) 15000 b) 30000	200	n.a.	**Not acceptable** (groundwater)
9	FR	Ornamentals (NNNZZ)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying with spray shield, between/under cultivated plants, Single plant treatment	S-EU: February to November	2	21 days	a) 53.41 b) 106.82	a) 30990 b) 61980	946.65	n.a.	**Not acceptable** (groundwater)
10	FR	Ornamentals (NNNZZ) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying with spray shield, between/under cultivated plants, Single plant treatment	S-EU: February to November	2	21 days	a) 25.85 b) 51.70	a) 15000 b) 30000	200	n.a.	**Not acceptable** (groundwater)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No. [e]	**Member state(s)**	**Crop and/ or situation (crop destination/purpose of crop)**	**F, Fn, Fpn G, Gn, Gpn or I**	**Pests or Group of pests controlled** (additionally: developmental stages of the pest or pest group)	**Application** Method/Kind	Timing/Growth stage of crop & season	Max. number a) per use b) per crop/ season	Min. interval between applications (days)	**Application rate** kg or L product/ha a) max. rate per appl. b) max. total rate per crop/season	g a.s./ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max	**PHI** (days)	**Remarks:** e.g. g safener/synergist per ha [f] RMS Conclusions
11	FR	Vegetables (NNNVV)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, preparation of crop cultivation, Single plant treatment	S-EU: February to November	1	-	a) 53.41 b) 53.41	a) 30990 b) 30990	946.65	n.a.	**Not acceptable** (groundwater)
12	FR	Vegetables (NNNVV) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, preparation of crop cultivation, Single plant treatment	S-EU: February to November	1	-	a) 25.85 b) 25.85	a) 15000 b) 15000	200	n.a.	**Not acceptable** (groundwater)
13	FR	Ornamentals (NNNZZ)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, preparation of crop cultivation, Single plant treatment	S-EU: February to November	1	-	a) 53.41 b) 53.41	a) 30990 b) 30990	946.65	n.a.	**Not acceptable** (groundwater)
14	FR	Ornamentals (NNNZZ) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, preparation of crop cultivation, Single plant treatmen	S-EU: February to November	1	-	a) 25.85 b) 25.85	a) 15000 b) 15000	200	n.a.	**Not acceptable** (groundwater)
15	FR	Ornamentals (NNNZZ)	Fn	Mosses	Spraying with spray shield, be-tween/under cultivated plants, Partial Area Treatment	S-EU: February to November	2	30 days	a) 53.41 b) 106.82	a) 30990 b) 61980	946.65	n.a.	**Not acceptable** (groundwater)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No. [e]	**Member state(s)**	**Crop and/ or situation (crop destination/purpose of crop)**	**F, Fn, Fpn G, Gn, Gpn or I**	**Pests or Group of pests controlled** (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			**PHI** (days)	**Remarks:** e.g. g safener/synergist per ha [f] RMS Conclusions
					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 a.s./ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
16	FR	Vegetables (NNNVV)	Fn	Mosses	Spraying with spray shield, be-tween/under cultivated plants, Partial Area Treatment	S-EU: February to November	2	30 days	a) 53.41 b) 106.82	a) 30990 b) 61980	946.65	n.a.	**Not acceptable** (groundwater)
17	FR	Vegetables (NNNVV)	Fn	Mosses	Spraying, preparation of crop cultivation Partial Area Treatment	S-EU: February to November	1	-	a) 53.41 b) 53.41	a) 30990 b) 30990	946.65	n.a.	**Not acceptable** (groundwater)
18	FR	Ornamentals (NNNZZ)	Fn	Mosses	Spraying, preparation of crop cultivation Partial Area Treatment	S-EU: February to November	1	-	a) 53.41 b) 53.41	a) 30990 b) 30990	946.65	n.a.	**Not acceptable** (groundwater)
19	FR	Fruit trees (Pome and stone fruits, tree nuts) (NNNOG)	Fn	Mosses	Spraying, under culti-vated plants, Partial Area Treatment	S-EU: February to November	4	30 days	a) 53.41 b) 213.64	a) 30990 b) 123960	946.65	n.a.	**Not acceptable** (groundwater)
20	FR	Soft fruits (except strawberry) (NNNOB except FRAAN)	Fn	Mosses	Spraying, under cultivated plants, Partial Area Treatment	S-EU: February to November	4	30 days	a) 53.41 b) 213.64	a) 30990 b) 123960	946.65	n.a.	**Not acceptable** (groundwater)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
Use-No. [e]	**Member state(s)**	**Crop and/ or situation (crop destination/purpose of crop)**	**F, Fn, Fpn G, Gn, Gpn or I**	**Pests or Group of pests controlled** (additionally: developmental stages of the pest or pest group)	**Application**				**Application rate**			**PHI** (days)	**Remarks:** e.g. g safener/synergist per ha [f] RMS Conclusions
					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 a.s./ha a) max. rate per appl. b) max. total rate per crop/season	Water L/ha min/max		
21	FR	Ornamental shrubs (NNNZG)	Fn	Mosses	Spraying, under cultivated plants, Partial Area Treatment	S-EU: February to November	4	30 days	a) 53.41 b) 213.64	a) 30990 b) 123960	946.65	n.a.	**Not acceptable** (groundwater)
22	FR	Lawn (NNNZW)	Fn	Mosses	Drenching, Partial Area Treatment	S-EU: February to November	1	-	36.52	21191	963.52	n.a.	**Not acceptable** (groundwater)
23	FR	Non crop, incl. path-ways with trees (YMBAM)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	4	21 days	a) 53.41 b) 213.64	a) 30990 b) 123960	946.65	n.a.	**Not acceptable** (groundwater)
25	FR	Non crop, incl. path-ways with trees (YMBAM)	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, under cultivated plants, Single Plant Treatment	S-EU: February to November	4	21 days	a) 25.85 b) 103.40	a) 15000 b) 60000	200	n.a	**Not acceptable** (groundwater)
26	FR	Lawn (NNNZW)	Fn	Monocotyledonous and Dicotyledonous weeds	Spaying, Single plant treatment, partial area treatment	S-EU: February to November	1	-	a) 36.52 b) 36.52	a) 21191 b) 21191	963.52	n.a.	**Not acceptable** (groundwater)
27	FR	Lawn (NNNZW) for smaller weeds	Fn	Monocotyledonous and Dicotyledonous weeds	Spraying, Single plant treatment, partial area treatment	S-EU: February to November	1	-	a) 25.85 b) 25.85	a) 15000 b) 15000	200	n.a	**Not acceptable** (groundwater)

* As some standards may have undergone changes, it is the responsibility of the applicant to update the references.

Remarks table heading:	(a)	e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR)	(d)	Select relevant
	(b)	Catalogue of pesticide formulation types and international coding system CropLife International Technical Monograph n°2, 6th Edition Revised May 2008	(e)	Use number(s) in accordance with the list of all intended GAPs in Part B, Section 0 should be given in column 1
	(c)	g/kg or g/l	(f)	No authorisation possible for uses where the line is highlighted in grey, Use should be crossed out when the notifier no longer supports this use.

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

3 Background of authorisation decision and risk management

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

All studies have been performed in accordance with the current requirements and the results are deemed to be acceptable. The appearance of the product is that of very slightly yellow homogeneous transparent liquid with characteristic odour. It is not explosive, has no oxidising properties. The product has a flash point of 137.5 ºC under atmospheric (1013 hPa). It has a self-ignition temperature of 230 °C. In aqueous solution, it has a pH value around 3.87 at 19.4 °C. There is no effect of low and high temperature on the stability of the formulation, since after 7 days at 0°C and 14 days at 54°C, neither the active ingredient content nor the technical properties were changed. Storage stability study is ongoing and the results from the 1-year intermediate report will be submitted once they are available. Final results are required in post-authorization.

Its technical characteristics are acceptable for an EC formulation.

The product is not classify for physical hazard aspect.

Seepage data is not provided in storage study, therefore, packagings with a capacity of less than 1L cannot be authorized.

Implication for labelling: stirring during application.

Protect from frost

3.2 Efficacy (Part B, Section 3)

The product HERBISTOP ULTRA + (COM8508 24 H EC) is proposed for the control of broadleaves weeds and grasses and for the control of mosses on non-professional home and garden uses.
Applicant has proposed a new formulation of an existing product COM 506 16 H. For this demand of authorization, he based his BAD on a bridging between the 2 formulations. From the submitted results, the bioequivalence between COM 508 16 H EC at 30 kg ai/ha with a spray volume of 1000 l/ha and COM 508 24 H EW at 30 kg ai/ha with a spray volume of 500 l/ha is demonstrated in term of efficacy for the control of broadleaves weeds.
So the product HERBISTOP ULTRA + (COM 508 24 H EC) at 30 kg ai/ha can be registered on the same uses as COM 508 16 H EW at 30 kg ai/ha for the control of broadleaves weeds, but with a spray volume varying from 500 to 1000L/HA.

No data was submitted for the control of mosses. Nevertheless, since this application concerns minor uses (i.e. amator uses) and since the bridging is validated for the control of weeds, it can be admitted that the product HERBISTOP ULTRA + (COM 508 24 H EC), will perform similarly to the COM 508 16 H EW for the control of mosses.

The risk of resistance development to pelargonic acid does not require a survey of resistance.
The intended uses of HERBISTOP ULTRA + (COM 508 24 H EC) don’t correspond to direct spray of the tank spray on crops. Indeed, due to the mode of action of acid pelargonic, the product can’t be considered selective for any crop. Consequently there is no need to have specific selectivity trials with HERBISTOP ULTRA + (COM 508 24 H EC) to demonstrate the bridging with the old formulation COM 50816 H EW.
Consequently, the selectivity of the product is considered acceptable when applied according to the claimed

GAP on the intended uses. The risk of negative effect on yield and yield parameters is also considered acceptable. Nevertheless, on lawn specific recommendations are edited to avoid phytotoxicity on grasses closed to treated mosses.
There is a risk of negative impact on adjacent crops, requiring management measures.
The risk of negative impact on succeeding crops and replacing crops is considered negligible.

3.3 Methods of analysis (Part B, Section 5)

3.3.1 Analytical method for the formulation

Analytical method for the determination of the active substance in the formulation is available and validated. As the active substance pelargonic acid does not contain relevant impurity, no analytical method is required.

3.3.2 Analytical methods for residues

Considering the intended uses (turf, ornamental plants, mosses….), and there are no MRL/residue definition, analytical methods for the determination of residues of pelargonic acid in plants, foodstuffs of animal origin, soil, water and air are not necessary.

3.4 Mammalian toxicology (Part B, Section 6)

Endpoints used in risk assessment

Active substance(s) (incl. content)	**Pelargonic acid** 580.24 g/L
AOEL systemic*	821 mg/kg bw/d
AAOEL systemic	-
Vapour pressure*	1,4 Pa à 25 °C 0,9 Pa à 20 °C 10,6 Pa à 50 °C
Inhalation absorption*	100%
Oral absorption*	100%
Dermal absorption**	Concentrate: 25% Dilution: 70%

* European Food Safety Authority (EFSA), 2013. Conclusion on the peer review of the pesticide risk assessment of the active substance Fatty acids C7 to C18 (approved under Regulation (EC) No 1107/2009 as Fatty acids C7 to C20). EFSA Journal 2013;11(1):3023.
** European Food Safety Authority (EFSA), 2017. Guidance on dermal absorption. EFSA Journal 2017;15(6):4873.

3.4.1 Acute toxicity

HERBISTOP ULTRA + (COM 508 24 H EC) containing 580.24 g/L pelargonic acid has a low toxicity in respect to acute oral, inhalation and dermal toxicity, is irritating to the rabbit skin and eye and is not a skin sensitizer.

The proposed packaging has been described in sufficient detail, and its compliance can therefore be finalised.
In summary, compliance with the provisions of French regulation relating to the conditions of authorization of plant protection products by non-professional users[8] is considered to be finalised only for the following packaging:

- HDPE/ F-HDPE bottle (Bark dosing bottle) (500, 1000 and 1500 mL)
- HDPE/ F-HDPE bottle (Squeeze and measure bottle) (250, 500 and 1000 mL)
- HDPE/ F-HDPE bottle (PB bottle) (250 mL, 500 mL and 1L)
- HDPE/ F-HDPE bottle (round bottle with dosing device inside the closer) (250, 275, 500 and 1000 mL)
- HDPE/ F-HDPE Jerrican (with dosing device inside the closer) (2, 2.5 and 3L)

Other packaging proposed by the applicant which are not accepted by zRMS, due to high volume for non-professional users and lack of information regarding the mode of application:

- Jerrican HDPE/ F-HDPE (4 L and 5 L).

3.4.2 Operator exposure

Using the French home garden model (French studies from UPJ 2009-2010[9]), the amateur use model and the EFSA model, an assessment of operator to pelargonic acid is proposed by the zRMS and presented below.

Crop	Equipment	Level of PPE	**Total absorbe dose** mg/Kg/day	**% of systemic AOEL**
French home and garden model UPJ Spray application outdoor non-cultivated area Body weight: 60 kg				
Application rate: 30.99 kg pelargonic acid/ha Concentration of spray dilution: 32.74 g Pelargonic acid/L				
Fruit trees (Pome fruit and stone, tree nuts)	Pre-pressure sprayer	None	1.65	0.2
EFSA Model 75th percentile Downward spraying - outdoor Body weight: 60 kg				
Application rate: 30.99 kg pelargonic acid/ha Concentration of spray dilution: 32.74 g Pelargonic acid/L				
Fruit trees (Pome fruit and stone, tree nuts)	Manual knapsack	None	3.36	0.41

According to the models calculations it can be concluded that the risk for the nonprofessional using HERBISTOP ULTRA + (COM 508 24 H EC) is acceptable without personal protective equipment.

[8] Arrêté du 6 avril 2020 relatif aux conditions d'autorisation d'un produit phytopharmaceutique pour la gamme d'usages « amateur» JORF n°0088 du 10 avril 2020

[9] Studies and models that can be used to estimate operator exposure during the use of plant protection products in non-agricultural areas. Report from expert group « produits phytosanitaires : substances et préparations chimiques » Working group "évaluation de l'exposition des utilisateurs de produits phytopharmaceutiques en zones non agricoles" - June 2011

3.4.3 Worker exposure

HERBISTOP ULTRA + (COM 508 24 H EC) is intended to be used by amateurs during home garden application.

In this case of the non-professional user, the worker is also the user of the product. It will be necessary to ensure complete drying of the treated area or of treated plants before handling them.

3.4.4 Bystander and Resident exposure

In the context of use by non-professionals, it is considered that the assessment for bystanders is covered by that for the resident.

There is no suitable model to assess residential exposure for non-professional uses. As a worst case the EFSA model for resident (recreational exposure) evaluated for lawns treatment has been used by zRMS. The estimated recreational exposure for resident is presented in the table below:

EFSA model – Recreational exposure Application rate: 1 x 21.19 kg pelargonic acid as./ha		
	Total absorbed dose (mg/kg bw/day)	**% of systemic AOEL**
Child	41.64	0.51
Adult	108.28	0.22
EFSA model – Recreational exposure Application rate: 1 x 15 kg pelargonic acid as./ha		
	Total absorbed dose (mg/kg bw/day)	**% of systemic AOEL**
Child	29.48	0.36
Adult	76.65	0.16

On the basis of this assessment the risk to resident (adults and children) is considered to be within acceptable levels. Consequently, there is no unacceptable risk to children (bystanders / residents).

3.4.5 Combined exposure

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

Uses on ornamental crops and lawn are not intended for animal feeding or human consumption. Therefore, these uses were not assessed in the frame of this registration,

According to Reg. (EU) No 839/2008 of 31 July 2008 as regards pelargonic acid [CAS 112-05-0], the Authority concluded that the inclusion of that substance in Annex IV to Regulation (EC) No 396/2005 is appropriate. Pelargonic acid [CAS 112-05-0] is listed in Annex IV of Regulation 396/2005 and therefore has an MRL exemption.

No further assessment is required on metabolism and residues and no safety concern was identify regarding the use of HERBISTOP ULTRA + (COM 508 24 H EC).

Information on HERBISTOP ULTRA + (COM 508 24 H EC) (KCA 6.8)

Crop	PHI for HERBISTOP ULTRA + (COM 508 24 H EC) proposed by applicant	PHI/ Withholding period* sufficiently supported for	PHI for HERBISTOP ULTRA + (COM 508 24 H EC) proposed by zRMS	zRMS Comments (if different PHI proposed)
		Pelargonic acid		
Fruit trees (Pome and stone fruits, tree nuts)	n.a.	Yes	Not necessary	
Soft fruits (except strawberry)	n.a.	Yes	Not necessary	
Vegetables	n.a.	Yes	Not necessary	
Ornementals crops/lawn	n.a	Not necessary	Not necessary	Not assessed (crop not fed to human or animal)

NR: not relevant
* Purpose of withholding period to be specified
** F: PHI is defined by the application stage at last treatment (time elapsing between last treatment and harvest of the crop).

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

The fate and behaviour in the environment have been evaluated according to the requirements of Regulation (EC) No 1107/2009. Appropriate endpoints from the EU conclusions were used to calculate PEC values for the active substance for the intended use patterns. In cases where deviations from the EU agreed endpoints were considered appropriate (for example when additional studies are provided), such deviations were highlighted and justified accordingly.

The PEC of pelargonic acid in soil, surface water and groundwater have been assessed according to FOCUS guidance documents, with standard FOCUS scenarios to obtain outputs from the FOCUS models, and the endpoints established in the EU conclusions or agreed in the assessment based on new data provided.

Considering the home and garden intended uses for the formulated product no PECsoil calculation is required.

PECsw values derived for the active substance are used for the ecotoxicological risk assessment, and mitigation measures are proposed.

For uses on non-agricultural uses on hard surfaces, PECgw calculations are not deemed necessary. No unacceptable risk assessment for groundwater contamination is expected.

For uses other than non-agricultural uses on hard surfaces, PECgw values for pelargonic acid cannot be used for risk assessment. Indeed, application dates do not cover the whole intended application period. In addition, for these uses, all FOCUS input/output files for PECgw calculations considering the full application rate were not made available.

For uses on soft fruits, ornamental plants, vegetables, lawn and non-agricultural uses on soft surfaces, refined PECgw calculations considering a reduction of the treated surface were provided by the applicant

but not justified. In addition, the applied rates considered in these calculations do not cover the intended application rates according to the national approach.

For uses on fruit trees and rose trees, zRMS notes that PECgw considering 5% of treated surface are higher than the levels mentioned in regulation EU No 546/2011 (maximum values of 0.573 µg/L and 0.204 µg/L respectively).

Consequently, for all intended uses on soft surfaces, the risk assessment for groundwater contamination cannot be finalised for pelargonic acid for uses on fruit trees, rose trees, soft fruits, ornamental plants, vegetables, lawn and non-agricultural uses on soft surfaces.

Based on vapour pressure, information on volatilisation from plants and soil, and DT_{50} calculation, no significant contamination of the air compartment is expected for the intended uses.

3.7 Ecotoxicology (Part B, Section 9)

The ecotoxicological risk assessment of the formulation was performed according to the requirements of Regulation (EC) No 1107/2009. Appropriate endpoints from the EU conclusions for the active substance were used for the intended use patterns. In cases where deviations from the EU agreed endpoints were considered appropriate (for example when additional studies are provided), such deviations were highlighted and justified accordingly.

Given the home and garden uses and since the product is used as a foliar spray, only the risk assessment for birds, aquatic organisms and bees was considered relevant by the zRMS.

The risk to birds is considered acceptable for the intended uses. For aquatic organisms, the risk to pelargonic acid following the intended uses of the product HERBISTOP ULTRA + (COM 508 24 H EC) on permeable surfaces can be considered as acceptable, with the following mitigation:

To protect aquatic organisms do not apply at least 5 meters away from any surface water bodies (well, pond, stream, river…).

Moreover, since an acceptable risk for aquatic organisms cannot be demonstrated for applications on impermeable surface, the following safety phrase might be added on the label:

To protect aquatic organisms do not apply on impermeable surfaces such as asphalt, concrete, pavements and slabs.

For other non-target organisms, the following safety phrases might be added on the label:

Do not apply when pollinating insects (bees, bumble bees…) and beneficial organisms are present (ladybirds, lacewings, hoverflies, ground beetles…).

Avoid spray drift to nearby plants.

3.8 Relevance of metabolites (Part B, Section 10)

An assessment according to the SANCO/221/2000 guidance document was not required. Please refer to environmental fate and behaviour above for conclusion on the risk of groundwater contamination.

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

The active substance pelargonic acid is not approved as a candidate for substitution, therefore a comparative assessment is not foreseen.

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

When the conclusions of the assessment is "Not acceptable", please refer to relevant summary under point 3, "Background of authorisation decision and risk management".

5.1.1 Post-authorisation monitoring

N/A: not registered in France.

5.1.2 Post-authorisation data requirements

N/A: not registered in France.

Appendix 1 Copy of the product authorisation

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Décision relative à une demande d'autorisation de mise sur le marché d'un produit phytopharmaceutique

Vu les dispositions du règlement (CE) N° 1107/2009 du 21 octobre 2009 et de ses textes d'application,

Vu le code rural et de la pêche maritime, notamment le chapitre III du titre V du livre II des parties législative et règlementaire,

Vu la demande d'autorisation de mise sur le marché du produit phytopharmaceutique ***HERBISTOP ULTRA +***

de la société	*COMPO FRANCE SAS*
enregistrée sous le	*n° 2020-2284*

Vu les conclusions de l'évaluation de l'Anses du 19 mai 2022,

Considérant qu'un risque inacceptable de contamination des eaux souterraines, lié à l'utilisation du produit, ne peut être exclu,

Considérant qu'il ne peut pas être établi que les exigences mentionnées à l'article 29 du règlement (CE) n°1107/2009 sont respectées,

La mise sur le marché du produit phytopharmaceutique désigné ci-après **n'est pas autorisée** en France.

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Informations générales sur le produit	
Nom du produit	HERBISTOP ULTRA +
Type de produit	Produit de référence
Titulaire	COMPO FRANCE SAS Zone Industrielle 25220 ROCHE LEZ BEAUPRE France
Formulation	Concentré émulsionnable (EC)
Contenant	580,24 g/L - acide pélargonique
Numéro d'intrant	564-2020.01
Numéro d'AMM	-
Fonction	Herbicide
Gamme d'usage	Amateur / emploi autorisé dans les jardins

A Maisons-Alfort, le 28/06/2022

DocuSigned by:
Charlotte Grastilleur
AE281A955A42454...

Directrice générale déléguée
en charge du pôle produits réglementés
Agence nationale de sécurité sanitaire de
l'alimentation, de l'environnement et du travail (ANSES)

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ANNEXE : Conditions de mise sur le marché demandées

Liste des usages refusés

Usages	Dose d'emploi	Nombre maximum d'applications	Délai avant récolte (jours)
14055901 Arbres et arbustes*Désherbage* Pépi. Pl. terre	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
14055905 Arbres et arbustes*Désherbage* Plantat. Pl. terre	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
17105901 Bulbes ornementaux*Désherbage	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
17405901 Cultures florales et plantes vertes* Désherbage	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
00201024 Cultures fruitières*Désherbage* Cult. Installées	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		

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Liste des usages refusés

Usages	Dose d'emploi	Nombre maximum d'applications	Délai avant récolte (jours)
16015901 Cultures légumières*Désherbage	50 mL/10 m²	2/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
00501002 Cultures ornementales*Désherbage* Intercultures	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
00501001 Cultures ornementales*Désherbage* Zones Cult.	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
18505902 Gazons de graminées*Trt Part.Aer.* Mousses	35 mL/10 m²	1/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
18555901 Jardin d'amateur*Désherbage	35 mL/10 m²	1/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
11015903 JEVI*Désherbage* All. PJT, Cimet., Voies	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage, évalué comme l'usage n°10015908 JEVI*Désherbage*PJT, est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
12155901 Petits fruits*Désherbage* Cult. Installées	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		

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Liste des usages refusés

Usages	Dose d'emploi	Nombre maximum d'applications	Délai avant récolte (jours)
17305901 Rosier*Désherbage*Pl. terre	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
11015924 Traitements généraux*Désherbage* Avt Mise Cult.	50 mL/10 m²	1/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
11015932 Traitements généraux*Désherbage* Cult. Installées	50 mL/10 m²	1/an	-
	Motivation du refus : L'usage est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
11015921 Traitements généraux*Désherbage* Zones Cult. Avt Plantat.	50 mL/10 m²	1/an	-
	Motivation du refus : L'usage, évalué comme l'usage n°11015935 Traitements Généraux* Désherbage *Intercultures, jachères et destruction de cultures, est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
11015908 Traitements généraux* Destruct. Mousses	50 mL/10 m²	2/an	-
	Motivation du refus : L'usage, évalué comme les usages n°10015909 JEVI*Destruct. Mousses et n°00501047 Cultures ornementales*Trt Sol*Mousses, est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		
11013901 Traitements généraux*Trt Ecorces* Mousses, lichens, algues	50 mL/10 m²	4/an	-
	Motivation du refus : L'usage, évalué comme l'usage n° 12693902 Cultures fruitières*Trt Ecorces*Mousses, lichens, algues, est refusé car les données disponibles ne permettent pas d'exclure un risque inacceptable de contamination des eaux souterraines.		

Appendix 2 Copy of the product label

The draft product label as proposed by the applicant is reported below. The draft label may be corrected with consideration of any new element. The label shall reflect the detailed conditions stipulated in the Decision.

étiquette COM 508 24 H EC

17.06.2020

Efficacité : COM 508 24 H EC convient pour un contrôle ciblé des mauvaises herbes, graminées, mousses et algues en quelques heures. Même les mauvaises herbes problématiques comme l'égopode podagraire et la prêle des champs peuvent être contrôlées. Le produit peut être appliqué sur les allées et les espaces dégagés, entre les plantes ornementales et potagères, sous les arbres et arbustes (ornementaux et fruitiers) et avant le semis ou la plantation de plantes ornementales ou potagères. Il est possible de procéder à de nouveaux semis dès un jour après l'application. Dès que les zones traitées sont sèches au toucher, il est possible de les utiliser et d'ouvrir leur accès aux animaux domestiques.

Propriétés du produit :

- Efficacité visuelle en 1 à 3 heures
- Efficace aussi à basse température
- Intéressant pour les cultures potagères et fruitières, pas de délai avant récolte
- Substance active existant également dans la nature
- Les enfants et les animaux peuvent accéder au jardin dès que le produit a séché
- Non nocif pour les abeilles (B4)
- Dosage : 26-53 ml dans 200-950 ml d'eau pour 10 m²

Autorisé pour les utilisateurs non professionnels

Substance active du COM 508 24 H EC : Acide pélargonique 580,24 g/L (24,26 % de la masse)

Avertissement

Provoque une irritation cutanée. Provoque une irritation oculaire grave. Nocif pour les organismes aquatiques, entraîne des effets néfastes à long terme.
Respecter les instructions d'utilisation pour éviter les risques pour l'homme et l'environnement.
En cas de consultation d'un médecin, garder à disposition le récipient ou l'étiquette. Tenir hors de portée des enfants. Éviter le rejet dans l'environnement. Porter des protections : gants / vêtements / lunettes / protection du visage. Éliminer le récipient / son contenu dans un centre de traitement des déchets agréé.

UFI : XXXX-XXXX-XXXX-XXXX

Titulaire de l'enregistrement, distributeur et responsable de l'étiquetage :
COMPO GmbH

Quantité 1 000 ml

*

Selon la pression des mauvaises herbes, permet de traiter jusqu'à 385 m²

Description : Herbicide (de contact, non sélectif)
Mode d'action (groupe HRAC) : Z
Concentration : Émulsion, huile dans de l'eau

Recommandation spécifique : aucune responsabilité ne sera assumée en cas d'utilisation incorrecte

Application

Bien agiter avant utilisation !
COM 508 24 H EC est un concentré qui doit être mélangé à de l'eau. Traiter les mauvaises herbes et les graminées à éliminer jusqu'à ce qu'elles soient entièrement humidifiées. Les feuilles des mauvaises herbes doivent être sèches au moment de l'application. Seules les parties des plantes traitées directement seront tuées. Si les mauvaises herbes se développent à nouveau, le traitement peut être répété. Ce produit ne convient pas pour le désherbage des pelouses.

Stockage et élimination des déchets : Conserver dans un endroit frais et sec. Éliminer le récipient / son contenu conformément à la réglementation locale / régionale / internationale. Ne pas réutiliser les récipients vides d'origine.

Utiliser uniquement comme herbicide pour la maison et le jardin.

Conditions d'utilisation

Culture	Adventices	Dose / Fréquence
Allées et espaces dégagés ; extérieur ; à partir de la reprise de la végétation au printemps, pendant la période de végétation et après reverdissement des mauvaises herbes	Mono- et dicotylédones,	26-53 ml mélangés à 200-950 ml d'eau pour 10 m²Pulvériser avec un dispositif antiprojections Maximum 4 traitements dans un intervalle de 21-40 jours
Plantes ornementales, légumes ; extérieur ; pour préparer une zone de culture avant plantation ou semis	Mono- et dicotylédones, mousses	26-53 ml mélangés à 200-950 ml d'eau pour 10 m²Pulvériser avec un dispositif antiprojections Maximum 1 traitement, 3 sur l'année.
Plantes ornementales, légumes ; extérieur ; entre / sous des plantes ornementales, à partir de la reprise de la végétation au printemps, pendant la période de végétation et après reverdissement des mauvaises herbes	Mono- et dicotylédones, mousses	26-53 ml mélangés à 200-950 ml d'eau pour 10 m²Pulvériser avec un dispositif antiprojections Maximum 2 traitements, 3 par an pour la culture, dans un intervalle de 21-40 jours (mousses : 30-60 jours).
Arbres et arbustes ornementaux, arbres et arbustes fruitiers (fruits à pépins et à noyau, fruits à coque, baies sauf fraises) ; extérieur ; application uniquement sous les plantes cultivées, à partir de la reprise de la végétation au printemps, pendant la période de végétation et après reverdissement des mauvaises herbes	Mono- et dicotylédones, mousses	26-53 ml mélangés à 200-950 ml d'eau pour 10 m²Pulvériser avec un dispositif antiprojections Maximum 4 traitements, 4 par an pour la culture, dans un intervalle de 21-40 jours (mousses : 30-60 jours).
Pelouses, application par pulvérisation, traitement de plantes individuelles, traitement de zones partielles	Mono- et dicotylédones,	26-37 ml mélangés à 200-960 ml d'eau pour 10 m²

		Pulvériser avec un dispositif antiprojections
Pelouses, application par trempage, traitement de zones partielles	Mousses	37 ml mélangés à 960 ml d'eau pour 10 m²

Contre les mousses pour traitement de parties de la zone

Ne pas laisser les produits d'application et leurs restes, les récipients ou emballages vides et les liquides issus du nettoyage et du rinçage atteindre les eaux de surface. Cela s'applique également aux déversements indirects via les systèmes de drainage, les dispositifs d'évacuation privés et collectifs, et les canalisations d'eau pluviale et d'eau usée.

Les feuilles des plantes cultivées adjacentes ne doivent pas être atteintes par la solution pulvérisée pour éviter tout dommage. Compte tenu de la dérive sous l'effet du vent, il est recommandé de traiter par temps calme. Les parties ligneuses des plantes ne sont pas affectées, ce qui permet d'utiliser COM 508 24 H EC sous les arbres et arbustes sans problème. Pour les framboisiers, attention à ne pas traiter les nouvelles pousses.
L'odeur de COM 508 24 H EC est liée à la substance active, et n'est plus perceptible après une courte période.

Spectre d'efficacité
Seules les parties des plantes traitées directement seront tuées. En raison de la perte de masse foliaire, les racines des très jeunes plantes annuelles seront aussi tuées. Généralement, les plantes plus âgées et pérennes recommenceront à se développer après 3-6 semaines. Si les mauvaises herbes se développent à nouveau, le traitement peut être répété. Pour maîtriser la propagation des mauvaises herbes par les racines, il est nécessaire de répéter le traitement.
COM 508 24 H EC permet de contrôler une large gamme de mauvaises herbes communes comme le pissenlit, les espèces du plantain, les graminées, l'égopode podagraire, la prêle des champs, le liseron des champs, la stellaire intermédiaire, l'ortie et le chardon, ainsi que les mousses et les algues. Dans la plupart des cas, les effets sont visibles en quelques heures. Ce produit n'a pas d'effet persistant.

Plantations après traitement avec COM 508 24 H EC
Il convient de ne pas cultiver les zones ayant été traitées avec COM 508 24 H EC pendant trois jours pour que l'action du produit soit complète. Ensuite, le sol peut être cultivé à nouveau, et les semis et plantations sont possibles.

Compatibilité des matériaux
Ce produit ne laisse pas de traces rougeâtres sur les pavés ou dallages en basalte, granite ou béton. Les légers dépôts blanchâtres susceptibles d'apparaître après traitement disparaîtront rapidement après la première pluie. Veuillez vérifier la compatibilité des autres matériaux à un endroit peu visible. Ne pas appliquer sur des dalles de résine artificielle ou de marbre artificiel.

Instructions pour la protection de l'opérateur
Éviter tout contact non nécessaire avec le produit. Toute utilisation inappropriée peut être dommageable pour la santé. Ne pas manger, boire ou fumer en manipulant ce produit. En cas de contact avec les yeux, rincer immédiatement et abondamment à l'eau et demander un avis médical. Après un contact avec la peau, laver immédiatement à l'eau et au savon. En cas d'ingestion, consulter un médecin
immédiatement et lui présenter l'emballage ou l'étiquette du produit.

Instructions pour protéger l'environnement :
Ce produit n'est pas nocif pour les abeilles. Dans le cadre des utilisations enregistrées, les populations d'arthropodes utiles ne sont pas affectées. Ce produit est toxique pour les algues. Ne pas laisser le produit, les restes de produit et le contenant vide atteindre les milieux aquatiques. Éliminer le produit non utilisé et ses restes dans son contenant, auprès d'un centre de collecte et de traitement des

déchets (déchèterie). Consulter les autorités locales (mairie) pour plus de détails. Jeter le contenant vide avec les déchets ménagers.

Indications complémentaires
Respecter les instructions d'utilisation pour éviter les risques pour l'homme et l'environnement. Tenir hors de portée des enfants. Tenir à l'écart des denrées alimentaires, des boissons et des aliments pour animaux.