

EXTENSION OF AUTHORISATION FOR MINOR USES (EAMU)

INSTRUCTIONS FOR USE

PPP: Lightning (PCS No. 06644)

CROPS:

[Field: Legume vegetables, root and tuber vegetables, bulb vegetables, brassica vegetables (excluding brassica roots and brassica baby leaf crops) and berries and small fruit].

For this EAMU the following crop definitions apply and include:

Cabbages include: round, savoy, pointed, spring, red and white types.

Horseradish crops include: Dandelion roots, gentiana roots, East Indian galangal/aromatic ginger/sand galangal, finger root, galangal roots, ginger roots, greater galangal, lesser galangal/smaller galangal, orris roots, wasabi roots.

Field crops of-

Legume vegetables include:

Broad beans, dwarf French beans, runner beans and vining pea

Root and tuber vegetables include:

Carrots, parsnip, celeriac, horseradish, parsley root, salsify, turnip, swede and beetroot

Bulb vegetables include:

Bulb onion, shallots and garlic

Brassica vegetables (excluding brassica roots and brassica baby leaf crops)

Brussels sprout and cabbage

There is limited evidence of crop safety and/or product efficacy available for this extension of authorisation for minor uses and the commercial risk of using this product on the crops/situations listed in this document is borne entirely by the grower.

Berries and small fruit include:

Strawberries, raspberry, blackberry, blueberry, gooseberry, cranberry, redcurrant, blackcurrant and whitecurrant.

This approval provides for the use of the product **Lightning (PCS No. 06644)** in respect of, the crops and situations as listed above, which are extra to those specified on the product label.

The conditions of application outlined below are statutory. They must be complied with when availing of this extension for minor uses.

The instructions provided in this extension for minor uses must be used in conjunction with information provided on the approved product label.

Failure to abide by the conditions of approval specified below or on the product label may constitute a breach of the product approval.

Reference Date: 12.03.26. [Includes latest changes. This version should be used until updated]

Product name: Lightning

Active Substance: Clethodim

Formulation: 180g/L EC.

Authorisation Holder: Sipcam UK Ltd

Marketing Company: Sipcam UK Ltd

PCS No: 06644

User type/Function: Professional Use Only / herbicide.

Application:

Crop	Max. individual dose	Max. Number of applications	Max. Total dose	Minimum interval between applications	Latest time of application	Target
Field- Carrot, parsnip, celeriac, horseradish, parsley root, salsify, turnip, swede	1.4 L/ha	-	1.4 L/ha	n/a	48 days before harvest	Annual meadow grass
Field- Broad bean, dwarf French bean, runner bean, vining pea.	0.7 L/ha	-	0.7 L/ha	n/a	30 days before harvest	Annual meadow grass

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Field- Bulb onion, garlic, shallot.	1.4 L/ha	-	1.4 L/ha	n/a	56 days before harvest	Annual meadow grass
Field- Brussels sprout, cabbage.	1.4 L/ha	-	1.4 L/ha	n/a	28 days before harvest	Annual meadow grass
Field- Beetroot	0.7 L/ha	-	0.7 L/ha	n/a	Before row closure and 56 days before harvest	Annual meadow grass
Field- Strawberry, raspberry, blackberry, blueberry, cranberry, gooseberry, blackcurrant, whitecurrant, redcurrant	1.4 L/ha	-	1.4 L/ha	n/a	30 days before harvest	Annual meadow grass

Other specific restrictions:

- (1) To avoid risks to human health & the environment comply with the terms of this approval in conjunction with the directions for use on the product label.
- (2) For any individual crop the maximum total dose refers to the total dose of any product containing the same active ingredient.
- (3) Application may only be made using a tractor mounted/horizontal trailer sprayers only. Note application by handheld sprayer is NOT allowed.
- (4) Post application no unprotected person should enter the treated area until the application had dried & the area has been well ventilated.
- (5) This approval extends to professional use only.
- (6) Clethodim is a ACCase inhibitor. To avoid the build-up of resistance, do not apply products containing an ACCase inhibitor herbicide more than twice to any crop.
- (7) For environmental information refer to the product label but specifically: To protect aquatic organisms respect an unsprayed buffer zone of 3m to surface water bodies from tractor mounted/trailed sprayers. Aim spray away from water.
- (8) For operator protection refer to the product label.
- (9) Adverse effects: Approval holders must immediately submit any new information on the potentially dangerous effects of a product or residues of an active substance contained in a product, on human or animal health, or the environment.

Advisory information:

This approval relates to the use of Lightning as a horticultural herbicide for the control of: Annual meadow grass on the crops and situation above.

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Resistance Management:

Use Lightning as part of an Integrated Crop Management (ICM) strategy.

Total reliance on one pesticide will hasten the development of resistance. Pesticides of different chemical groups or alternative control measures should be included in the planned anti-resistance strategy. This product should be used in conjunction with other herbicides from different cross-resistant groups [different mode of action, HRAC group] with satisfactory efficacy against the target. Lightning contains Clethodim, HRAC Group A. ACCase inhibitors.

Strains of some annual grasses, e.g. black-grass, wild-oats and Italian rye-grass, have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Applying a second product containing an ACCase inhibitor to a crop will increase the risk of resistance development; only use a second ACCase inhibitor to control different weeds at a different timing.

Other HRAC Group A. [ACCase inhibitors] active ingredients include: Fluazifop-P-butyl in Fusilade max, Propaquizafop in Falcon and Quizalofop-P-ethyl in Pilot Ultra.

IMPORTANT PLEASE NOTE:

Prior to the use of this product, growers should take advice from their crop advisors particularly in relation to the use of this product within an integrated crop management system of production.

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