

EXTENSION OF AUTHORISATION FOR MINOR USES (EAMU)

INSTRUCTIONS FOR USE

PPP: Signum (PCS No. 03799)

CROPS: (Outdoor grown: Red & White Currant, Blueberry, Gooseberry, Salad onion, Parsnip, Celeriac, Courgette, summer Squash, Horseradish, kale, Chinese Cabbage & Collards)
(Outdoor & indoor grown: Herbs, Cherry, Plum, baby leaf Lettuce and brassica production*)

For this EAMU the following crop definitions apply:

*Baby leaf production includes leaf harvested up to 8 true leaves.

This approval provides for the use of the product **Signum (PCS No. 03799)** 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: 28.11.17. [Includes latest changes. This version should be used until updated]

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| <i>Product name:</i> | Signum |
| <i>Active Substance:</i> | Pyraclostrobin & Boscalid |
| <i>Formulation:</i> | 6.7% w/w & 26.7%w/w WDG |
| <i>Authorisation Holder:</i> | BASF plc |
| <i>Marketing Company:</i> | BASF Ireland Ltd |
| <i>PCS No:</i> | 03799 |
| <i>User type/Function:</i> | Professional Use Only / Fungicide. |

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.

Application:

| <i>Crops:</i> | <i>Maximum Individual Dose:</i> | <i>Max No of applications:</i> | <i>Maximum total dose:</i> | <i>Harvest Interval :</i> | <i>Target:</i> |
|---|---------------------------------|--------------------------------|--|---------------------------|--|
| Outdoor: Red & White currant, Blueberry & Gooseberry | 1.5kg/ha | n/a | 4.5kg/ha (3.0kg pre harvest & 1.5kg/ha post harvest) | 3 days | Grey mould <i>botrytis cinerea</i> |
| Outdoor: parsnip, horseradish & celeriac | 1.0kg/ha | 2 | 2.0kg/ha | 14 days | Powdery mildew (<i>Erysiphe polygoni</i>) |
| Outdoor & indoor: herbs & field baby leaf production. | 1.5kg/ha | 2 | 3.0kg/ha | 14 days | Botrytis cinerea, Rhizoctonia solani & Sclerotinia spp |
| Outdoor: salad onion | 1.5kg/ha | n/a | 3.0kg/ha | 14 days | White rot (<i>Sclerotium cepivorum</i>) |
| Outdoor & indoor: Cherry & Plum | 0.75kg/ha | n/a | 2.25kg/ha | 7 days | Blossom wilt, brown rot (monilinia) |
| Outdoor: courgette & summer squash. | 1.5kg/ha | 2 per crop | 3.0kg/ha/crop | 1 day | Powdery mildew and cladosporium |
| Outdoor: kale, Chinese cabbage & collard. | 1.0 kg/ha | 3 per crop | 3.0kg/ha/crop | 14 days | White blister (<i>Albugo candida</i>) |

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(s).
- (3) Application by tractor mounted/trailed & hand held sprayers only.
- (4) Salad onion: A minimum interval of 14 days must be observed between applications.
- (5) Cherry & Plum: A minimum interval of 10 days must be observed between applications.
- (6) Courgette and summer squash: A minimum interval of 14 days must be observed between applications.
- (7) Kale, Chinese cabbage and collard: A minimum interval of 14 days must be observed between applications.
- (8) Do not apply more than 6kg/ha of Signum to the same area of land per annum.
- (9) After application do not enter treated areas until the crop is completely dry & has been well ventilated.
- (10) This approval extends to professional use only.
- (11) For operator protection refer to the product label in conjunction with these instructions.
- (12) For environmental information refer to the product label in conjunction with these restrictions but specifically: To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies from tractor mounted/trailed sprayers. To protect aquatic organisms respect an unsprayed buffer zone of 1m to surface water bodies from knapsack sprayers. Aim spray away from water. Growers may be eligible to reduce the buffer zone under the PRCD STRIPE Scheme.

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- (13) 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 use of “Signum” as a horticultural fungicide for use on the named crops and situations listed above.

Signum is a fungicide with protectant and systemic activity.

Resistance Management:

Apply Signum as a protectant spray or at the first sign of disease.

Use “Signum” as part of an Integrated Crop Management (ICM) strategy.

Signum contains one active ingredient classed a QoI (*pyraclostrobin*) FRAC 11 and one active ingredient classed a carboxamide SDHI (*boscalid*) FRAC 7 fungicide. Signum should be used in accordance with FRAC resistance management advice for QoI and SDHI fungicides. Avoid using consecutive applications of Signum. Apply Signum in alternation with fungicides from a different cross-resistance FRAC group with satisfactory efficacy against the targeted diseases. Use a maximum of two applications per crop per year. Do not use consecutive applications of Signum.

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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