

**EXTENSION OF AUTHORISATION FOR MINOR USES (EAMU)**

**INSTRUCTIONS FOR USE**

**PPP: Botanigard WP (PCS No. 06264)**

**CROPS:**

[Protected & field crops of: Berries and small fruit, leaf vegetables, herbs and edible flowers, bilberry, elderberry, mulberry, loganberry, rubus hybrid, angelica, balm, caraway leaves, coriander leaves, cress, dill leaves, fennel leaves, hyssop, lovage leaves, marjoram, mint, oregano, salad burnet, savory and sweet cicely.]

[Protected mushrooms (cultivated fungi)]

**For this EAMU the following crop definitions apply and include:**

**Protected cultivated fungi** – mushrooms

**Protected and field crops-**

**Berries and small fruit include:**

Strawberry, blackberry, raspberry, blueberry, cranberry, bilberry, gooseberry, elderberry, mulberry, loganberry, rubus hybrid, blackcurrant and redcurrant.

**Leaf vegetables, herbs and edible flowers include:**

Baby leaf crops, lettuce, parsley, rocket, spinach, spinach beet, angelica, balm, basil, bay, caraway leaves, celery leaves, chervil, chicory (witloof), chives, coriander leaves, cress, dill leaves, edible flowers, fennel leaves, herb - other, hyssop, lamb's lettuce, land cress, lovage leaves, marjoram, mint, oregano, purslane, red mustard, rosemary, sage, salad burnet, savory, sweet cicely, tarragon, thyme, watercress

This approval provides for the use of the product **Botanigard WP (PCS No. 06264)** in respect of, the crops and situations as listed above, which are extra to those specified on the product label.

***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.***

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: 02.09.20.** Includes latest changes. This version should be used until updated

*Product name:* Botanigard WP

*Active Substance:* *Beauveria bassiana* GHA 220 g/kg

*Formulation:* 220 g/kg WP

*Authorisation Holder:* Mycotech Europe Ltd

*Marketing Company:* Certis Europe BV

*PCS No:* 06264

*User type/Function:* Professional Use Only / Insecticide.

***Application:***

Crop	Max. individual dose	Max. number of applications	Max. total dose	Minimum interval between applications	Latest time of application	Target
Protected & field crops of: Strawberry	0.6 kg/ha	5 per crop	3.0 kg/ha	n/a	-	Whitefly, thrips

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Protected & field crops of: blackberry, raspberry, blueberry, cranberry, bilberry, gooseberry, elderberry, mulberry, loganberry, rubus hybrid, blackcurrant, redcurrant	0.6 kg/ha	5 per crop	3.0 kg/ha		When leaves begin to discolour	Whitefly, Two spotted spider mite
Protected & field crops of: baby leaf crops, lettuce, parsley, rocket, spinach, spinach beet, angelica, balm, basil, bay, caraway leaves, celery leaves, chervil, chicory (witloof), chives, coriander leaves, cress, dill leaves, edible flowers, fennel leaves, herb - other, hyssop, lamb's lettuce, land cress, lovage leaves, marjoram, mint, oregano, purslane, red mustard, rosemary, sage, salad burnet, savory, sweet cicely, tarragon, thyme, watercress	0.6 kg/ha	5 per crop	3.0 kg/ha	n/a	-	Whitefly, aphids, thrips, Two spotted spider mite

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Protected cultivated fungi, growing rooms and associated houses	0.24g/product per square meter of growing area	4	0.96g/Msq/crop	After casing and then between flushes.	0 day before harvest	Sciarid and other mushroom flies.
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*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) **For protected and field berries and small fruit and Leaf vegetables, herbs and edible flowers** - Application may only be made using a tractor mounted/trailer or automated overhead/gantry sprayer only. Note application by handheld sprayer or broadcast air assisted sprayer is NOT permitted.
- (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) When applying to berry and currant crops apply in a water volume of 600-1200 litres water/ha. When applying to salad, lettuce, herbs apply in a minimum water volume of 1500 litres water/ha.
- (7) **For protected mushrooms (cultivated fungi)**- The fogger must be sited outside the mushroom growing room supplying the fog into the room via a secure gland directed into the return air duct to ensure good circulation of the fog inside the house. Alternatively, the fogger may be placed within the growing room & switched on remotely from outside the closed room. Direct the fog outlet into the return air duct to ensure good circulation of the fog within the house.
- (8) During the fog application and for the following 2 to 4 hours the air in the room must be re-circulated. Following this the room must be vented twice [each venting will represent one complete room air change] & a minimum of 6 hours has elapsed before anyone may enter the room.
- (9) Growers are to ensure that staff do not enter treated rooms until after the double venting has been completed.

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- (10) Grower application records should also show the programmed venting times i.e. that the room has returned to “Normal growing cycle” of fresh air supply and venting.
- (11) For environmental information refer to the product label but specifically: When applying to berry and currant crops in situations other than permanent fully enclosed protection the following buffer zone must be observed: To protect aquatic organisms respect an unsprayed buffer zone of 10m to surface water bodies from tractor mounted/trailed sprayers. Aim spray away from water. Growers may be eligible to reduce the buffer zone under the PRCD STRIPE Scheme.
- (12) Reasonable precautions must be taken to prevent access of birds, wild mammals and honey bees to treated crops
- (13) To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present
- (14) Use against thrips in outdoor strawberries is restricted to post flowering (after BBCH 65)
- (11) For glasshouse application, the maximum number of applications must not exceed 25 per year per glasshouse structure
- (12) For operator protection refer to the product label.
- (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 the use of Botanigard WP as a horticultural insecticide for the control red spider mite on the crops & situations listed above.

Resistance Management:

Use Botanigard WP 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.

**IMPORTANT PLEASE NOTE:**

***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.***

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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