

EXTENSION OF AUTHORISATION FOR MINOR USES (EAMU)**INSTRUCTIONS FOR USE****PPP: Amylo-X WG (PCS No. 06311)**

CROPS: Indoor & Outdoor crops of: apple, apricot, cherry, crab apple, pear, plum, quince, strawberry, bulb onion, shallot, lettuce, lambs lettuce, chicory baby leaf crops, cress, herbs, parsley, red mustard, spinach, spinach beet, broccoli, calabrese, Brussels sprout, cabbage, cauliflower, Chinese cabbage, kale, collards, kohlrabi, bilberry, blackberry, blackcurrant and redcurrant, blueberry, cranberry, gooseberry, loganberry and rubus hybrid, raspberry, rose hips, carrots, parsnips, radish, swede, turnip, celeriac, gherkin and okra.

Outdoor crops of: courgette and summer squash, winter squash, pumpkin and sweetcorn.

This approval provides for the use of the product **Amylo-X WG (PCS No. 06311)** 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: 19.08.19. Includes latest changes. This version should be used until updated

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.

Product name: Amylo-X WG

Active Substance: *Bacillus amyloliquefaciens Plantarum* strain D747

Formulation: 250 g/kg (5 x 10¹³ CFU/kg) WG

Authorisation Holder: Mitsui AgriScience International S.A/B.V

Marketing Company: Certis Europe BV

PCS No: 06311

User type/Function: Professional Use Only / Fungicide.

Application:

Crop	Max. individual dose	Max. number of applications	Max. total dose	Minimum interval between applications	Latest time of application	Target
Indoor & Outdoor crops of: Apple, apricot, cherry, crab apple, pear, plum, quince, strawberry	2.5 kg/ha	6 per year	15 kg/ha	n/a	From GS 10 to GS 89	See below (1)
Indoor & Outdoor crops of: Lettuce, lambs lettuce, chicory baby leaf crops, cress, herbs, parsley, red mustard, spinach, spinach beet	2.5 kg/ha	6 per year	15 kg/ha	7 days	From GS 14 to GS 79	See below (2)
Indoor & Outdoor crops of: Broccoli, calabrese, Brussels sprout, cabbage, cauliflower, Chinese cabbage, kale, collards, kohlrabi	2.5 kg/ha	6 per year	15 kg/ha	7 days	GS 79	See below (3)
Bulb onion, shallot	2.5 kg/ha	6 per year	15 kg/ha	7 days	From GS 15 to GS 47	See below (4)

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Indoor and outdoor bilberry, blackberry, blackcurrant and redcurrant, blueberry, cranberry, gooseberry, loganberry and rubus hybrid, raspberry, rose hips	2.5 kg/ha	6 per year	15 kg/ha	7 days	From GS 10 to GS 89	See below (5)
Outdoor courgette and summer squash, gherkin, okra, winter squash and pumpkin	2.5 kg/ha	6 per year	15 kg/ha	7 days	GS 89	See below (6)
Gherkin, okra (protected)	2.5 kg/ha	6 per year	15 kg/ha	7 days	GS 89	See below (6)
Outdoor sweetcorn	2.5 kg/ha	6 per year	15 kg/ha	7 days	GS 89	See below (6)
Carrots, Parsnips, Radish, Swede, Turnip, Celeriac (outdoor & protected)	2.5 kg/ha	6 per year	15 kg/ha	7 days	GS 79	See below (7)

Target Diseases:

- 1) Fireblight (*Erwinia amylovora*), *Monilia* spp., Bacterial Canker (*Pseudomonas syringae* (PSDMSX): pv. *morsprunorum* (Psm) and pv. *syringae* (Pss),
- 2) *Scerotinia* spp, *Botrytis cinerea*, *Stemphylium botryosum*, Anthracnose (*Colletotrichum spinaciae*), *Cercospora* (*Cercospora beticola*), *Pseudomonas* spp, *Xanthomonas* spp, Downy mildew, Powdery mildew including *Podosphaera aphanis* and *Golovinomyces* spp, Damping off disease including *Pythium* spp, *Rhizoctonia* spp and *Fusarium* spp.
- 3) *Sclerotinia*, Spear (*Pseudomonas* spp), Black rot (*Xanthomonas* spp), *Anthracnose* spp, *Botrytis cinerea*, *Fusarium* spp, *Pythium* spp, *Rhizoctonia* spp, damping off diseases, downy mildew and powdery mildew.
- 4) Neck rot.
- 5) *Botrytis*, *Cladosporium*, powdery mildew and cane blight (in cane fruit only)
- 6) *Sclerotinia* spp, *Botrytis cinerea*, *Stemphylium* (*Stemphylium botryosum*), Anthracnose (*Colletotrichum spinaciae*), *Cercospora* (*Cercospora beticola*), bacterial diseases including *Pseudomonas* spp and *Xanthomonas* spp, downy mildew, powdery mildew including *Podosphaera aphanis* and *Golovinomyces* spp, damping off diseases including *Pythium* spp, *Rhizoctonia* spp and *Fusarium* spp
- 7) Cavity Spot, *Sclerotinia sclerotiorum*, *Septoria*, Bacterial Rots (*Pseudomonas* spp), (*Xanthomonas* spp), (*Anthracnose* spp.), (*Botrytis cinerea*), (*Fusarium* spp), (*Pythium* spp.), (*Rhizoctonia* spp), damping off diseases, downy mildew and powdery mildew

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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) When applying to outdoor crops of leafy veg, herbs, brassicas application may only be made between March and October.
- (3) For any individual crop the maximum total dose refers to the total dose of any product containing the same active ingredient.
- (4) Application may only be made using a tractor mounted/trailer sprayer, handheld sprayer or broadcast air assisted sprayer.
- (5) Post application no unprotected person should enter the treated area until the application had dried & the area has been well ventilated.
- (6) This approval extends to professional use only.
- (7) Apply in a water volume of 200-1500 litres water/ha.
- (8) For environmental information refer to the product label but specifically:
To protect aquatic organisms respect an unsprayed buffer zone of 1m to surface water bodies from tractor mounted/trailed sprayers. Aim spray away from water.
- (9) To protect bees and pollinating insects do not apply to crop plants where bees are actively foraging.
- (10) For operator protection refer to the product label but specifically operators must wear suitable protective clothing (coveralls), suitable protective gloves and suitable respiratory protective equipment* when handling the product or applying the product. *Disposable filtering face piece respirator to at least EN149 FFP3 or equivalent.
- (11) 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 Amylo-X WG as a horticultural fungicide for the control of various diseases on the crops & situations listed above.

Amylo-X WG is a biocontrol product whose effectiveness depends in particular on the survival and development dynamics of the bacterium after application. Its efficiency can thus be influenced by external factors. The mild to hot and humid conditions (temperature above 15°C, high humidity) will thus promote the survival and development of the bacteria. Conversely, dry and cold weather will be unfavourable to the use of Amylo-X WG.

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Resistance Management:

Use Amylo-X WG 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:

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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