

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

**INSTRUCTIONS FOR USE**

**PPP: Luna Privilege (PCS No. 05916)**

**CROPS:**

[Protected crops of: Cucumber, gherkin & Tomato grown in artificial substrate]

This approval provides for the use of the product **Luna Privilege (PCS No. 05916)** 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: 06.04.18. [Includes latest changes. This version should be used until updated]

<i>Product name:</i>	Luna Privilege
<i>Active Substance:</i>	Fluopyram
<i>Formulation:</i>	500g/l WSG.
<i>Authorisation Holder:</i>	Bayer CropScience Limited
<i>Marketing Company:</i>	Bayer CropScience Limited.
<i>PCS No:</i>	05916.
<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.*

Crop	Max. individual dose	Max. number of applications	Max. total dose	Minimum interval between applications	Latest time of application	Target pest
[Indoor] Tomato [Grown in artificial substrate]	40ml per 1000 plants up to a maximum of 1litre/ha	4 per year	4.0 l/ha	7 days	1 day before harvest	Cladosporium, <i>Botrytis cinerea</i>
[Indoor] Cucumber, gherkin	40ml in 100 litres of water up to a maximum of 600/ml in 1500Litres of water/ha	2 per year	1.2 l/ha	7 days	1 day before harvest	Powdery mildew

*Application:*

*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 on tomato is by integrated drip-feed system only.
- (4) Application on cucumber may be made using a high water volume foliar spray via handheld or glasshouse gantry sprayers only.
- (5) Post application, do not allow unprotected persons to enter treated areas until the crop is completely dry & has been well ventilated.
- (6) Post application, workers must wear suitable protective gloves when handling treated crops
- (7) Operators must wear suitable protective gloves, coveralls & face shield when handling the concentrate, making the application, handling contaminated surfaces and freshly treated crop base & substrate/drippers. WHEN USING DO NOT EAT, DRINK OR SMOKE. WASH HANDS and exposed skin before meals and after work. IF SWALLOWED, seek medical advice immediately and show this container or label.

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- (8) This approval extends to professional use only.
- (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:*

Tomato.

This approval relates to the use of Luna Privilege as a horticultural fungicide for the control of cladosporium and *Botrytis cinerea* on protected tomato.

Whilst a seven day application interval is the minimum, growers are advised to observe a 6 week interval especially on sensitive varieties.

For the best results apply this product after several days of good sunlight when the plant is actively growing [drawing moisture up from the roots]. This product is very systemic once it gets into the plant.

Application may cause leaf edge damage especially on cherry & un-grafted tomatoes. It is advisable to do a small trial & wait one week to check for any damage. If damage is seen do not apply to the rest of the crop. If a trial is not possible do not make an application.

Cucumber, gherkin.

This approval relates to the use of Luna Privilege as a horticultural fungicide for the control of powdery mildew on cucumber and gherkin. It is also very useful for botrytis & mycosphaerella [Didymella]

Application may cause leaf damage. It is advisable to do a small trial & wait one week to check for any damage. If damage is seen do not apply to the rest of the crop. If a trial is not possible do not make an application. Growers in Holland tend to apply the product on a dull day or during the day with the screens closed. Application during the evening tends towards slower drying and increases the risk of leaf damage. This product should not be used on a young crop. Generally it is applied after the stem fruits have been harvested.

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**ANTI-RESISTANCE STRATEGY:**

- Total reliance on one pesticide will hasten the development of resistance. Pesticides of different chemical types or alternative control measures should be included in the planned programme. Alternating pesticides with different modes of action is a recognised anti-resistance strategy and application should always be planned in conjunction with other pesticides having a different mode of action (FRAC group) with satisfactory efficacy against the target.
- This use must follow FRAC guidelines for SDHI fungicides. Fungicide programs must deliver effective disease management. Apply SDHI fungicide based products at effective rates and intervals according to manufacturers' recommendations.
- Effective disease management is a critical component to delay the build-up of resistant pathogen populations.
- The number of applications of SDHI fungicide based products within a total disease management program must be limited.
- When mixtures are used for SDHI fungicide resistance management, applied as tank mix or as a co-formulated mixture, the mixture partner: should provide satisfactory disease control when used alone on the target disease and must have a different mode of action.
- Mixtures of two or more SDHI fungicides can be applied to provide good biological efficacy; however, they do not provide an anti-resistance strategy and must be treated as a solo SDHI for resistance management. Each application of such a mixture when used in a spray program counts as one SDHI application.

SDHI fungicides should be used preventively or at the early stages of disease development.

Luna Privilege containing Fluopyram is classed by FRAC as SDHI group 7.

In tomatoes Amistar will hold the development of cladisporium for about 21 days.

Growers should consider rotating Luna Privilege with Amistar to reduce the risk of the development of resistance.

**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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