



**Australian Government**  
**Australian Pesticides and  
Veterinary Medicines Authority**

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR CONTROL AND SUPPRESSION OF VARIOUS FUNGAL DISEASES IN  
EGGPLANT**

**PERMIT NUMBER – PER88032**

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

**THIS PERMIT IS IN FORCE FROM 14 OCTOBER 2019 TO 31 AUGUST 2027**

**Permit Holder:**

HORTICULTURE INNOVATION AUSTRALIA LTD  
Level 7, 141 Walker Street  
NORTH SYDNEY NSW 2060

**Persons who can use the product under this permit:**

Persons generally.

## CONDITIONS OF USE

### Products to be used:

SERENADE OPTI BIOFUNGICIDE (APVMA No. 82242)

Containing: Not less than  $1.3 \times 10^{10}$  CFU/g *Bacillus amyloliquefaciens* strain QST 713 as the only active constituent.

### RESTRAINT:

DO NOT apply with aircraft.

Comply with all other restraints listed on the product label.

### Directions for Use:

Crop	Disease	Rate
EGGPLANT (field and protected cropping systems)	Early blight ( <i>Alternaria solani</i> )	2.5 kg product /ha Or 250 g/100 L water
	Botrytis grey mould ( <i>Botrytis cinerea</i> ) Powdery mildew ( <i>Leveillula taurica</i> )	1.7 – 3.3 kg product /ha Or 170 – 330 g/100 L water
	Bacterial spot ( <i>Xanthomonas</i> spp.) (suppression only)	0.6 – 1.7 kg product /ha Or 60 – 170 g/100 L water

### Critical Use Comments:

- Apply by boom spray or equivalent equipment.
- Begin applications soon after emergence of transplanting as part of a preventative spray program before disease symptoms are visible.
- Apply as a high volume spray at a water volume appropriate to the crop stage to ensure good coverage of all foliage.
- Minimum retreatment interval: 5 – 7 days.
- Use higher rate and shorter interval when conditions favor infection, i.e., during wet weather, high inoculum levels and/or physical damage.
- DO NOT apply less than 5 days after the previous treatment.

### Withholding Period:

Not required when used as directed.

### Jurisdiction:

All States and Territories, except VIC.

Note: Victoria is not included in this permit, as their Control-of-Use legislation means a permit is not required to legalise this off-label use in that State.

### Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label.

The holder of the permit must notify the APVMA of new information, including relevant information in accordance with section 161 of the Schedule to the *Agricultural and Veterinary Chemicals Code Act 1994*, in accordance with the obligation imposed by that section.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 09/08/2022 – Permit updated to include Restraints. Critical use comments and additional conditions updated to current standards. Permit expiry extended to 31/08/2027. Permit issued as Version 2