



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

**PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT**

**FOR CONTROL OF SELECTED ROOT AND FOLIAR DISEASES IN NURSERY  
STOCK (NON-FOOD)**

**PERMIT NUMBER – PER84707**

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agricultural and Veterinary Chemicals Code, scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994* (the Agvet Code) 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 any person to claim that the product can be used in the manner specified in this permit.

**THIS PERMIT IS IN FORCE FROM: 30 JANUARY 2018 to 31 MARCH 2023**

**Permit Holder:**

NURSERY AND GARDEN INDUSTRY AUSTRALIA LIMITED  
c/- AGAWARE CONSULTING PTY LTD  
21 Rosella Avenue  
STRATHFIELDSAYE VIC 3551

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

Persons generally.

## CONDITIONS OF USE

### Product to be used:

RANMAN 400 SC FUNGICIDE [APVMA No. 66411]

Containing: 400 g/L CYAZOFAMID as the only active constituent.

### Directions for Use:

#### Restraints:

DO NOT use on vegetable and herb seedling crops.

DO NOT use on fruit trees that will bear fruit within 12 months of treatment.

Situation	Plant Diseases	Rate
NURSERY STOCK (NON-FOOD) seedling & plugs, potted colour, trees and shrubs, foliage plants, palms and grasses and FRUIT TREES (NON-BEARING)	Pythium crown and root rots and damping off ( <i>Pythium</i> spp.) Phytophthora crown and root rots and foliar blights ( <i>Phytophthora</i> spp.) Downy mildew ( <i>Peronospora</i> spp., <i>Plasmopara</i> spp., <i>Bremia</i> spp.)	<b>Foliar application</b>  15 - 20 mL product / 100 L  OR  150 - 200 mL / ha  <b>Soil surface spray application</b>  15 - 40 mL / 100 L

### Critical Use Comments:

#### Foliar application

- Apply as a protective treatment when conditions first favour disease development.
- Apply a maximum two (2) treatments per crop, with 14-21 days between successive sprays.
- Apply to the point of run-off using sufficient water to ensure thorough coverage of all plant surfaces. A spray volume range of 250-800 L water per hectare is recommended.
- Use the higher rate and shorter respray interval when disease pressure is high.
- Apply using calibrated air-blast sprayer, air-shear sprayer, boom sprayer, back-pack mister, hand-lance or equivalent equipment.
- Addition of a suitable organosilicone surfactant may assist with the control of downy mildew diseases. A wetter is not required for the control of *Phytophthora* foliar blights.
- Follow all label recommendations and restrictions.

#### Soil Surface Spray Application

- Apply as a protective treatment when conditions first favour disease development.
- Apply a maximum two (2) sprays per crop, with 14-21 days between successive soil treatments.
- Use sufficient water to ensure thorough coverage of the soil surface around plants; irrigate after application to wet root zone only.
- Use the higher rate and shorter respray interval when disease pressure is high.
- Apply using suitable and correctly calibrated ground application equipment.
- Follow all label recommendations and restrictions.

### Jurisdiction:

ALL STATES

**Additional Conditions:**

This PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

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.

***Safety Directions – use within protected cropping situations***

There is a risk of increased exposure to fine mist spray during application of the diluent within protected cropping situations (e.g. greenhouses, glasshouses and plastic tunnels). It is recommended that the following additional PPE be observed in addition to label directions when applying a foliar spray treatment within enclosed situations:

*When using the dilute product, wear cotton overalls buttoned to the neck and wrist, chemical resistant gloves and disposable (mist) mask. Protective clothing should also be worn when re-entering the treated area prior to the spray drying. Wash hands after use. After each day's use, wash gloves and contaminated clothing.*

***To Avoid Crop Damage***

Nursery stock is not known to be sensitive to *Ranman 400 SC Fungicide* when used in accordance with the application rate, conditions of use and other cautionary statements listed on this permit and the product label. However, the large number of disparate crop lines produced in commercial nurseries means that the fungicide product has not been fully evaluated for crop safety on all species, or in all situations where treatment may be undertaken. Users must treat a sample number of plants or a small area prior to whole crop treatment and monitor any phytotoxic effects that will compromise production goals. Discontinue applications when any adverse symptoms post-treatment are observed.

***Resistance Management***

Use fungicide products in accordance with existing *Fungicide Resistance Management Strategies* (refer *Fungicide Resistance Warning* on product label and *CropLife Australia – Resistance Management*) and in accordance with best practice. Fungicide products should be used as part of an integrated disease management program, which incorporates as many control options as possible to minimise disease infection pressure.

Issued by the Australian Pesticides and Veterinary Medicines Authority