



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR CONTROL OF FUNGAL BLIGHTS IN RUBUS, RIBES AND  
BLUEBERRIES**

**PERMIT NUMBER – PER13958**

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 1 APRIL 2013 TO 31 AUGUST 2025**

**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:**

PROTECTOR 400SC FUNGICIDE (APVMA No. 67725)

PLUS OTHER REGISTERED PRODUCTS

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

SCALA 600 SC FUNGICIDE (APVMA No. 60445)

PLUS OTHER REGISTERED PRODUCTS

Containing: 600 g/L PYRIMETHANIL as the only active constituent.

ADAMA CAPTAN WG FUNGICIDE (APVMA No. 60244)

PLUS OTHER REGISTERED PRODUCTS

Containing: 800 g/kg CAPTAN as the only active constituent.

NUFARM CAPTAN 900WG FUNGICIDE (APVMA No. 61529)

PLUS OTHER REGISTERED PRODUCTS

Containing: 900 g/kg CAPTAN as the only active constituent.

RIDOMIL GOLD 25G SYSTEMIC GRANULAR FUNGICIDE (APVMA No. 50120)

PLUS OTHER REGISTERED PRODUCTS

Containing: 25 g/kg METALAXYL-M as the only active constituent.

MEDLEY 50G SYSTEMIC GRANULAR FUNGICIDE (APVMA No. 62250)

PLUS OTHER REGISTERED PRODUCTS

Containing: 50 g/kg METALAXYL as the only active constituent.

UNIZEB DISPERS 750 DF FUNGICIDE (APVMA No. 61100)

PLUS OTHER REGISTERED PRODUCTS

Containing: 750 g/kg MANCOZEB as the only active constituent.

BAYFIDAN 250 EC FUNGICIDE (APVMA No. 30515)

PLUS OTHER REGISTERED PRODUCTS

Containing: 250 g/L TRIADIMENOL as the only active constituent.

ACCENSI PHOSPOT 400 SYSTEMIC FUNGICIDE (APVMA No. 69799)

PLUS OTHER REGISTERED PRODUCTS

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

AGRI-FOS 600 SYSTEMIC FUNGICIDE (APVMA No. 54430)

PLUS OTHER REGISTERED PRODUCTS

Containing: 600 g/L PHOSPHOROUS ACID as the only active constituent.

SPRAYPHOS 620 SYSTEMIC FUNGICIDE (APVMA No. 59052)

PLUS OTHER REGISTERED PRODUCTS

Containing: 620 g/L PHOSPHOROUS ACID as the only active constituent.

AGRI-FOS 625 SYSTEMIC FUNGICIDE (APVMA No. 61691)

PLUS OTHER REGISTERED PRODUCTS

Containing: 625 g/L PHOSPHOROUS ACID as the only active constituent.

**RESTRAINT:**

Comply with all restraints on the product label.

**Directions for Use:**

<b>Crop</b>	<b>Pest / Disease</b>	<b>Product</b>	<b>Rate</b>	<b>Critical Use Comments</b>
<i>Rubus</i> spp. <i>Ribes</i> spp. Blueberries	Grey Mould ( <i>Botrytis cinerea</i> )	400g/L pyrimethanil products	200 mL/100 L or 2 L/ha	<ul style="list-style-type: none"> <li>Apply using air blast, boom or knapsack units.</li> <li>Do not apply more than 2 L product per hectare (400 g/L pyrimethanil product) or 1.25 L/ha (600 g/L pyrimethanil product).</li> </ul>
		600 g/L pyrimethanil products	125 mL/100 L or 1.25 L/ha	
	Cane Spot Spur blights Botrytis flower and fruit rot	800 g/kg captan products	125 g/100 L	<ul style="list-style-type: none"> <li>Spray onto the foliage with air blast, boom or knapsack units.</li> <li>First application should occur after the green tip spray and then repeat every 10-14 days until the season ends. Use the shorter interval during conditions favourable to the diseases.</li> <li>DO NOT make more than 5 applications per year.</li> </ul>
		900 g/kg captan products	110 g/100 L	
<i>Anthracnose</i> ( <i>Colletotrichum</i> spp.) (Blueberries only)				
	Grey Mould Rust Mildew	750 g/kg mancozeb products	200 g/100 L or 2 kg/ha	<ul style="list-style-type: none"> <li>Apply early bloom and repeat at 10-14 day interval.</li> <li>Use lower interval when threat of disease is higher. Continue spraying until threat of disease has passed.</li> </ul>

Crop	Pest / Disease	Product	Rate	Critical Use Comments
	Powdery Mildew	250 g/L triadimenol	10 mL/100 L	<ul style="list-style-type: none"> <li>• Apply at first sign of disease or as a preventative treatment starting after green tip.</li> <li>• Repeat at 10-14 day intervals whilst conditions favour disease.</li> </ul>
	<i>Phytophthora</i> spp.	25 g/kg metalaxyl-m products	40 kg/ha	<ul style="list-style-type: none"> <li>• Product is to be applied directly to the soil and watered in.</li> </ul>
		50 g/kg metalaxyl products	20 kg/ha	
		400 g/L phosphorous acid products	10 – 15 mL/L or 2 – 3 L/ha	<ul style="list-style-type: none"> <li>• Application to foliage by boom spray, airblast spray or backpack sprayer. Ensure thorough coverage of crop.</li> <li>• Apply a maximum of 3 applications as below:  <u>Rubus Single Crop/Spring Cultivars:</u> <ul style="list-style-type: none"> <li>• When primocanes are 200-300 mm high</li> <li>• One week prior to first flower</li> <li>• One month prior to leaf fall in autumn</li> </ul> <u>Rubus Dual Crop and Autumn Cropping Cultivars</u> <ul style="list-style-type: none"> <li>• When primocanes are 200-300 mm high</li> <li>• One week prior to first flower</li> <li>• Immediately when autumn harvest terminates</li> </ul> <u>Ribes and Blueberries</u> <ul style="list-style-type: none"> <li>• When new growth is 200-300 mm high</li> <li>• One week prior to first flower</li> <li>• One month prior to leaf fall in autumn.</li> </ul> </li> </ul>
		600 g/L phosphorous acid products	6.7 – 10 mL/L or 1.3L – 2 L/ha	
		620 g/L phosphorous acid products	6.5 – 10 mL/L or 1.3 – 1.9 L/ha	
625 g/L phosphorous acid products				

**Withholding Period:**

400 g/L and 600 g/L pyrimethanil products:

Harvest: Do not harvest for 1 day application.

800 g/kg and 900 g/kg captan products:

Harvest: Do not harvest for 1 day application.

25 g/kg metalaxyl and 50 g/kg metalaxyl-m products:

Harvest: Do not harvest for 48 days after application.

750 g/kg mancozeb products:

Harvest: Do not harvest for 7 days after application.

250 g/L triadimenol products:

Harvest: Do not harvest for 7 days after application.

Products containing Phosphorus (Phosphonic Acid) as the only active constituent:

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.

*To Avoid Crop Damage*

The sensitivity of the crop to be treated under this permit has not been fully evaluated. It is advisable to only treat a small area to ascertain the reaction before treating the whole crop.

*Export of treated produce*

Maximum Residue Limits (MRLs) or Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human consumption. MRLs can be found in the *Agricultural and Veterinary Chemicals Code (MRL Standard) Instrument 2019*. MRLs apply only to produce marketed and consumed in Australia. If treated produce is to be exported, residues must not exceed the limits/tolerances of the importing country.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 21/11/2017 – Permit updated to make minor product amendments. Permit expiry extended to 31/03/2023. Permit issued as Version 3.

05/06/2018 – Permit updated to amend product names and add an alternative formulation. Permit issued as Version 4.

26/08/2020 – Permit updated to make minor product amendments and to update the harvest withholding period for use of captan products in boysenberries, loganberries and other brambles (including blackberries). Permit expiry extended to 31/08/2025. Permit issued as Version 5.