



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 2030

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.

OZCROP CAPTAN 900 WG FUNGICIDE (APVMA No. 69075)

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 DISPERSS 750 DF FUNGICIDE (APVMA No. 61100)

PLUS OTHER REGISTERED PRODUCTS

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

PENNCOZEB FUNGICIDE (APVMA No. 53986)

PLUS OTHER REGISTERED PRODUCTS

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

SUREFIRE TRIADIMENOL 250 EC FUNGICIDE (APVMA No. 84304)

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 registered product label.

Metalaxy and Metalaxyl-m products: Ensure granules are thoroughly washed in and incorporated into soil after application.

Mancozeb products: DO NOT exceed maximum rates of 4.0 kg ac/ha per crop per season.

Pyrimethanil products: DO NOT exceed maximum rates of 2.2 kg ac/ha per crop per season.

Directions for Use:

Crop	Disease	Product	Rate	Critical Use Comments
<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"> DO NOT exceed maximum rates of 2.2 kg ac/ha per crop per season. Apply using air blast, boom or knapsack units. 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). Applications should be made at critical timings (when conditions favour disease development). Use sufficient amounts of water to achieve adequate coverage of flowers or bunches, and adequate penetration of canopy.
		600 g/L pyrimethanil products	125 mL/100 L or 1.25 L/ha	
	<u>All crops:</u> Cane Spot Spur blights Botrytis flower and fruit rot	800 g/kg captan products	125 g/100 L	<ul style="list-style-type: none"> Spray onto the foliage with air blast, boom or knapsack units. 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. DO NOT make more than 5 applications per year.
		900 g/kg captan products	110 g/100 L	
	<u>Blueberries only:</u> Anthracnose <i>(Colletotrichum spp.)</i>			

Crop	Disease	Product	Rate	Critical Use Comments
	Grey Mould Rust Mildew	750 g/kg mancozeb products	200 g/100 L or 2 kg/ha	<ul style="list-style-type: none"> DO NOT exceed maximum rates of 4.0 kg ac/ha per crop per season. Apply early bloom and repeat at 10-14 day interval. Use lower interval when threat of disease is higher. Continue spraying until threat of disease has passed.
		800 g/kg mancozeb products	187.5/100L or 1.88 kg/ha	
	Powdery Mildew	250 g/L triadimenol	10 mL/100 L	<ul style="list-style-type: none"> Apply at first sign of disease or as a preventative treatment starting after green tip. Repeat at 10-14 day intervals whilst conditions favour disease.
	<i>Phytophthora</i> spp.	25 g/kg metalaxyl-m products	40 kg/ha	<ul style="list-style-type: none"> Product is to be applied directly to the soil and watered in. Ensure granules are thoroughly washed in and incorporated into soil after application.
		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"> Application to foliage by boom spray, airblast spray or backpack sprayer. Ensure thorough coverage of crop. Apply a maximum of 3 applications as below: <u>Rubus Single Crop/Spring Cultivars:</u> <ul style="list-style-type: none"> When primocanes are 200-300 mm high One week prior to first flower One month prior to leaf fall in autumn
		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	
				<u>Rubus Dual Crop and Autumn Cropping Cultivars</u> <ul style="list-style-type: none"> When primocanes are 200-300 mm high

Crop	Disease	Product	Rate	Critical Use Comments
		625 g/L phosphorous acid products		<ul style="list-style-type: none"> • One week prior to first flower • Immediately when autumn harvest terminates <u>Ribes and Blueberries</u> <ul style="list-style-type: none"> • When new growth is 200-300 mm high • One week prior to first flower • One month prior to leaf fall in autumn.

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 and 800 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.

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.

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 (MRL Standard for Residues of Chemical Products) Instrument 2023*. 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.

20/08/2025 – Permit updated to substitute/add products, add s161 statement and add restraints. Permit expiry extended to 31/08/2030. Permit issued as Version 6.

29/08/2025 – WHP updated to add 800 g/kg mancozeb. Permit issued as version 7.