



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

**PERMIT TO ALLOW EMERGENCY USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF PHYTOPHTHORA IN ALMOND**

PERMIT NUMBER – PER94212

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 30 NOVEMBER 2023 TO 30 NOVEMBER 2025

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LIMITED
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:

RIDOMIL GOLD 480 SL SYSTEMIC FUNGICIDE (APVMA No. 64812)

PLUS OTHER REGISTERED PRODUCTS

Containing: 480 g/L METALAXYL-M as the only active constituent.

RESTRAINT:

When applying the product by open cab ground boom, DO NOT treat more than 20 ha orchard per day.

Spray Drift Restraints:

Specific definitions for terms used in this section of the permit can be found at apvma.gov.au/spraydrift.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets not smaller than a MEDIUM spray droplet size category.
- Maximum release spray height of 50 cm above ground level.

Directions for Use:

Crop	Disease	Rate
Almond	Collar rot, Crown rot and Root rot <i>(Phytophthora spp.)</i>	Maintenance: 1.3-2.6 mL/m ² Curative: 5.6 mL/m ²

Critical Use Comments:

- Apply 2 weeks after planting (new plantings) or at the beginning of summer before growth begins (established plantings). Additional applications may be made at 3 to 6 months intervals, depending on disease pressure. Apply before symptoms appear.
- Apply as a soil spray (broadcast, band or irrigation): Apply as a soil treatment to the entire area under the tree canopy or apply through irrigation water (micro-sprinkler or drip) to cover the root zone.
- DO NOT apply more than 3 applications per crop.
- DO NOT apply less than 60 days after the previous treatment.
- Use as a soil application at the beginning of summer and repeat at 3-to-6-month intervals. Use the higher application rate and more frequent treatment where the risk of infection is highest.
- Apply in alternate years only.
- Clear all weed growth and heavy trash from under the tree.
- Apply as a soil treatment to the entire area under the tree canopy.

- DO NOT concentrate spray around tree trunks.
- DO NOT apply to trees under stress.
- It is essential that good management practices including proper mulching, fertilisation and irrigation be followed to allow satisfactory response to Root Rot control by metalaxyl-M.
- Minor transient phytotoxic reactions of some varieties of young nut tree crops may occur under certain conditions.

Withholding Period:

Harvest: Do not harvest for 6 weeks after application.

Grazing: Do not graze treated areas or cut for stock food. Do not graze or feed cover crops grown in treated orchards.

Safety Directions:

Harmful if swallowed. Will irritate the eyes. May irritate the skin, nose and throat. Avoid contact with eyes and skin. DO NOT inhale spray mist.

When opening the container, mixing/loading for ground application, preparing the product for fertigation and when applying the product by open cab ground boom, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles.

If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash gloves, goggles or face shield and contaminated clothing.

Protection Of Wildlife, Fish, Crustaceans and Environment

Harmful to birds and mammals with long lasting effects. Incorporation and/or irrigation following spray applications is vital to reduce exposure.

DO NOT use on sites where vulnerable, threatened, endangered or critically endangered mammals are known to occur.

DO NOT contaminate streams, rivers, or waterways with the chemical or used containers.

Integrated Pest Management

Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

Jurisdiction:

All States and Territories.

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.

Monitoring requirement:

Monitor (field survey) wild mammals and birds visiting treated areas. The following information is to be made available to the APVMA on request:

- Descriptions of each field site and surrounding habitats (e.g., presence of woodlands, hedgerows, etc)
- Description of survey technique and timing in relation to treatment

- Frequency of observations in the field to give a measure of spatial frequency (number of fields in which a defined species was recorded as a percentage of the total number of fields)
- Frequency of observations per survey to give a measure of temporal frequency (number of surveys in which a defined species was recorded as a percentage of the total number of surveys)
- Any adverse incidents observed.

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

Temporary Maximum Residue Limits (TMRLs) have been established to allow treated produce to be used for human and/or animal consumption. An MRL has been established for Metalaxyl in Almonds and Almond hulls. 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