



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF ANTHRACNOSE IN MANGO TREES**

PERMIT NUMBER – PER14830

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 4 FEBRUARY 2015 TO 30 NOVEMBER 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:

BRAVO WEATHER STIK FUNGICIDE (APVMA No. 58118)

Containing: 720 g/L CHLOROTHALONIL as the only active constituent.

RESTRAINT:

DO NOT mix spraying oils or wetting agents with BRAVO WEATHER STIK.

Directions for Use:

Crop	Disease	Rate
Mango Trees	Anthrachnose (<i>Colletotrichum gloeosporioides</i>)	160 – 210 mL product/ 100 L

Critical Use Comments:

- Apply as a preventative fungicide treatment as soon as conditions favour disease development.
- Target spray applications during bud burst to late flowering only.
- DO NOT apply to fruit at any stage.
- Apply a maximum of four (4) foliar applications per crop with a 7-14 day interval between consecutive sprays.
- Apply sufficient water to ensure even and thorough coverage of all plant surfaces.
- Use as many control options as possible to minimise disease pressure.
- Follow chlorothalonil treatment with spray applications of an approved fungicide from a different chemical group.
- Observe the *Re-entry period* and *Safety Directions* on the product label.

Withholding Period:

Harvest: Not required when used as directed.

Jurisdiction:

NSW, QLD, WA and NT only.

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.

Disease Management

A regular protective program is necessary to prevent disease establishment. Chlorothalonil has protective fungicidal action and primarily inhibits spore germination. Prolonged wetness of leaves, twigs, petioles and panicles during the flowering period is conducive for Anthracnose infection; especially infection of young leaf tissue and panicles. A number of protective fungicide products are commercially available for control of Anthracnose on mango trees. It is important that protective fungicides are rotated between the different chemical groups to maintain their effectiveness. Most protective fungicides lack any rain fastness and are readily washed off plant surfaces following rainfall, heavy dews or by sprinkler irrigation and this should be taken into account following spray application.

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. A TMRL has been established for CHLOROTHALONIL in MANGO. 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: 25/08/2017 – Permit updated to amend holder details. Permit expiry extended to 30/11/2020. Permit issued as Version 2.

10/09/2020 – Permit updated to amend holder details. Permit expiry extended to 30/11/2025. Permit issued as Version 3.