



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

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

PERMIT NUMBER – PER83944

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 27 NOVEMBER 2017 TO 31 MARCH 2026

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:

SUMITOMO SAMURAI INSECTICIDE (APVMA No. 60687)

PLUS OTHER REGISTERED PRODUCTS

Containing: 500 g/kg CLOTHIANIDIN as the only active constituent.

SUMITOMO SHIELD SYSTEMIC INSECTICIDE (APVMA No. 60689)

PLUS OTHER REGISTERED PRODUCTS

Containing: 200 g/L CLOTHIANIDIN as the only active constituent.

Spray Drift Restraints:

Specific definitions for terms used in this section of the label 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 one to two hours before sunset and persist until one to two hours after sunrise.

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

- Spray is not directed above the target canopy
- The outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the application site
- The following mandatory downwind buffer zones are observed

Mandatory downwind buffer zones	
Natural aquatic areas	Vegetation areas
250 metres	10 metres

Directions for Use:

Crop	Disease	Rate
Mango	Mediterranean Fruit Fly (<i>Ceratitis capitata</i>)	500 g/kg product: 40 g/100 L
	Queensland Fruit Fly (<i>Bactrocera tryoni</i>) and other fruit fly species.	200 g/L product: 100 mL/100L

Critical Use Comments:

- Apply immediately after flowering is finished.
- Apply 3 consecutive foliar sprays 7 days apart when monitoring indicates fruit fly activity.

- Use adequate spray volume to ensure thorough coverage of all fruit.
- DO NOT apply more than 3 applications per crop.
- Use an air-blast sprayer or equivalent.
- For effective management of fruit fly, this product must be used as part of a broader program involving other products approved for control of fruit fly in conjunction with the appropriate pest monitoring and orchard hygiene.
- Follow the safety directions as per the label.

Bee and Hive safety

Clothianidin is dangerous to bees and may kill bees foraging in the crop at the time of application. This is why application should take place after flowering is finished. Mortality is most likely if bees drink from the irrigation water or dew on the ground after irrigation. Orchard floors with flowering weeds must be mown just prior to application. Beekeepers that are known to have hives within 2 km of the orchard should be notified at least 48 hours prior to application so they can be removed or otherwise protected.

Withholding Period:

Harvest: Do not harvest for 7 days after application.

Grazing: Do not graze or cut for stock food after application.

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.

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. An MRL has been established for CLOTHIANIDIN in MANGO. 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.

Other Matters

Continued issuance of this permit is subject to the outcomes of the current APVMA review of neonicotinoids. This permit may be impacted by the outcomes of this review.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Note: 25/09/2020 – Permit updated to amend permit holder details and add CR notation. Permit expiry extended to 30/09/2022. Permit issued as Version 2.

4/03/2021 – Permit expiry extended to 31/03/2024. Permit issued as Version 3.

13/03/2024 – Permit updated to include spray drift restraints. Permit expiry extended to 31/03/2026. Permit issued as Version 4.