



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

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

PERMIT NUMBER – PER13484

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 01 JULY TO 31 MAY 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:

BUGMASTER FLOWABLE INSECTICIDE (APVMA No. 40146)

PLUS OTHER REGISTERED PRODUCTS

Containing: 500 g/L CARBARYL as the only active constituent.

EUROCHEM CARBARYL 800 WP INSECTICIDE (APVMA No. 80493)

PLUS OTHER REGISTERED PRODUCTS

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

SPRAY DRIFT RESTRAINTS:

Specific definitions for terms used in this section 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. 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.

Directions for Use:

Crop	Pest	Rate
Mango orchards	Mango leafhoppers (<i>Idioscopus clypealis</i> and <i>I. nitidulus</i>)	<u>500 g/L carbaryl product</u> 200 mL product per 100 L water <u>800 g/kg carbaryl product</u> 125 g product per 100L water

Critical Use Comments:

- DO NOT apply to trees after flowering commences.
- Apply by airblast or equivalent equipment.
- DO NOT apply more than 2 applications per crop.
- Apply to the point of run-off. Refer to product label for instructions on dilute spraying

Precautions:

RE-ENTRY PERIOD:

Do not allow entry into treated areas for 3 days when conducting low exposure activities such as irrigation, scouting, thinning, weeding immature/low foliage plants, mechanical harvesting, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Do not allow entry into treated areas for 21 days when conducting high exposure activities such as hand harvesting, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Withholding Period:

Not required when used as directed.

Jurisdiction:

QLD 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.

Export of treated produce

Maximum Residue Limits (MRLs) have been established to allow treated produce to be used for human consumption. An MRL has been established for Carbaryl in Mangoes. 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: 08/04/2020 – Permit updated to amend permit holder details. Permit expiry extended to 30/06/2025. Permit issued as Version 3.

07/05/2025 – Permit updated to add spray drift restraints, precaution and export of treated produce statement. Additional concentrations of carbaryl added to the permit. Permit expiry extended to 31/05/2030. Permit issued as Version 4.