



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

**PERMIT TO ALLOW MINOR USE OF A REGISTERED AGVET CHEMICAL  
PRODUCT FOR CONTROL OF MEDITERRANEAN FRUIT FLY AND QUEENSLAND  
FRUIT FLY**

**PERMIT NUMBER – PER12961**

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 15 NOVEMBER 2011 TO 31 MARCH 2025**

**Permit Holder:**

BIOSECURITY SA – PLANT HEALTH OPERATIONS  
33 Flemington Street  
GLENSIDE SA 5065

**Persons who can use the product under this permit:**

Officers and other persons operating under the direction of:

- Primary Industries and Regions, South Australia
- NSW Department of Primary Industries
- Department of Primary Industries and Regional Development, Western Australia
- Department of Primary Industry and Resources, Northern Territory
- Department of Primary Industries, Parks, Water & Environment, Tasmania
- Agriculture Victoria

## CONDITIONS OF USE

### Products to be used:

KARATE ZEON INSECTICIDE (APVMA No. 51422)

PLUS OTHER REGISTERED PRODUCTS

Containing: 250 g/L LAMBDA-CYHALOTHRIN as the only active constituent.

### Directions for Use:

Crop	Pest	Rate
Commercial orchard/production or Residential situations: Soil under canopy of fruit fly hosts when maggots or fruit flies are found during an outbreak; i.e. tree and vine grown fruit, nut and vegetables	Mediterranean fruit fly ( <i>Ceratitis capitata</i> ) & Queensland fruit fly ( <i>Bactrocera tryoni</i> )	300 mL product / 100 L water

### Critical Use Comments:

- Pick up and bag all fallen fruit before application of the chemical.
- Obtain the property owner/resident consent prior to any application.
- DO NOT treat where there is a risk of pets, livestock or children accessing the treated area.
- DO NOT allow drift into fish ponds, aviaries, pet food or water containers.
- Use appropriate application equipment to avoid direct contact of spray solution with foliage or fruit.
- Apply to ground under larvae infested trees during fruit fly activity while fruit is at a stage that is susceptible to infestation.
- Apply one (1) application only as a soil drench.
- For residential situations only: After soil drench is applied, apply a ground sheet over the treated area to further contain fruit fly larvae and pupae. The ground sheet is to remain in place for the period specified by the relevant state's department of agriculture or primary industries
  - For use in SA, refer to PIRSA SOP 252 – Ground treatment for Larval Infestation Sites.
- For commercial situations, ground sheeting is not required.
- Dispose of used ground sheets in compliance with relevant local, state or territory government regulations.

### Protection of Livestock – Bees:

Toxic to bees. DO NOT spray when bees are actively foraging. Risk is reduced by spraying in the early morning or late evening.

### Protection of Wildlife, Fish, Crustaceans and Environment:

Dangerous to fish and aquatic invertebrates.

DO NOT contaminate streams, rivers or waterways with KARATE ZEON or used container.

Tail waters which flow from treated areas should be prevented from entering river systems. In case of spillage on floor or paved surfaces, soak up with sand, earth or synthetic absorbent and dispose of waste according to the Australian Standards 2507, Storage and Handling of Pesticides.

**Withholding Period:**

Harvest: Not required when used as directed.

**Jurisdiction:**

NSW, NT, SA, TAS, VIC and WA 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.

**Issued by the Australian Pesticides and Veterinary Medicines Authority**

Note: 10/03/2015. VIC included under jurisdiction. Permit expiry date extended to 31/03/2020. Issued as version 2.  
09/04/2020. Permit expiry date extended to 31/03/2025. Persons who can use the product updated to reflect government name changes. Permit issued as version 3.

23/03/2021. Permit updated to remove requirement to lay plastic sheeting in commercial situations, and to add aquatic and bee protections from product label. Permit issued as version 4.

2/08/2021. Permit updated to apply reference to the state SOP for use in SA, and to add a disposal statement for groundsheets. Permit issued as version 5.