



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

PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR POSTHARVEST TREATMENT OF
SPECIFIED CITRUS & TROPICAL FRUIT TO CONTROL
VARIOUS FRUIT FLY SPECIES**

PERMIT NUMBER – PER87164

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 any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 1 MARCH 2019 to 31 MARCH 2024.

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LIMITED
Level 8, 1 Chifley Square
SYDNEY NSW 2000

Persons who can use the product under this permit:

Persons who are trained or experienced in the preparation and use of agricultural chemical products in postharvest chemical application techniques.

CONDITIONS OF USE

Products to be used:

NUFARM DIMETHOATE SYSTEMIC INSECTICIDE (APVMA No. 32962)

PLUS OTHER REGISTERED PRODUCTS

Containing: 400 g/L DIMETHOATE as the only active constituent.

Directions for Use: Post-harvest treatment of specified commodities

Restraint

DO NOT treat citrus fruit that has received a pre-harvest treatment with dimethoate. Only citrus fruit that has not been treated pre-harvest may receive a postharvest treatment under this permit.

Crop Type	Target Insect Pests	Rate
CITRUS FRUIT Excluding: - All edible skin species (e.g. kumquats) - Citrus fruit that has received pre-harvest treatment with dimethoate	Queensland Fruit Fly <i>(Bactrocera tryoni;</i> <i>Dacus tyroni)</i> Lesser Queensland Fruit Fly <i>(Bactrocera neohumeralis)</i>	Prepare dip or flood spray solution by mixing 100 mL of product per 100 L water to obtain 400 ppm solution [equivalent to 400 mg/L]
TROPICAL & SUB-TROPICAL FRUIT WITH <u>INEDIBLE PEEL ONLY</u> (For permitted crops and uses refer to the list contained under <i>Additional Conditions</i> below)	Northern Territory or Darwin Fruit fly <i>(Bactrocera aquilonis)</i> Mediterranean fly <i>(Ceratitis capitata)</i>	

Critical Use Comments:

Dipping:

Immerse fruit in dip for 1 minute. Ensure that fruit remains wet for 1 minute.

Floodspraying:

Floodspray in a single layer at a rate of at least 16 L/minute per square metre, which provides complete coverage of the fruit for minimum of 10 seconds after which the fruit must remain wet for not less than 60 seconds.

Topping up: Topping up may be undertaken to maintain the mixture at the required volume and concentration. Top up with a separately prepared 400 mg/L (400 ppm) emulsion.

Reinforcement: After each week, add 3 mL of product/100 L of dip emulsion.

Withholding Period:

NOT REQUIRED WHEN USED AS DIRECTED

Jurisdiction:

All states.

Additional Conditions:

(i) This PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

(ii) 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.

(iii) TROPICAL & SUB-TROPICAL FRUIT WITH INEDIBLE PEEL* commodities and uses covered by this permit are:

Crop type	State	Target Insect Pests	Use
Abiu/Abius Achiote Akee apple Breadfruit Caimito/Star Apple Canistel Casimiro/White Sapote Cherimoya Durian Elephant Apple Genip Granadilla Ilima Jackfruit Longan Mammey Apple Mangosteen Marmaladedos Naranjilla Papaya Plantain Pulasan Rambutan Rollinia Santol Sapodilla Sapote (black, green, mammey & white) Soursop Spanish Lime Sweetsop/Sugar Apple Wax Jambus	All states	Queensland Fruit Fly <i>(Bactrocera tryoni; Dacus tyroni)</i> Lesser Queensland Fruit Fly <i>(Bactrocera neohumeralis)</i> Northern Territory or Darwin Fruit fly <i>(Bactrocera aquilonis)</i> Mediterranean fly <i>(Ceratitis capitata)</i>	Dipping Floodspray
Avocado Banana Cactus Fruit (e.g. Prickly Pear) Custard Apple Feijoa Guava (inedible peel varieties only) Litchi Mango Kiwifruit (inedible peel varieties only) Passionfruit Pawpaw Pomegranate Tamarillo	All states	Queensland Fruit Fly <i>(Bactrocera tryoni; Dacus tyroni)</i> Lesser Queensland Fruit Fly <i>(Bactrocera neohumeralis)</i> Northern Territory or Darwin Fruit fly <i>(Bactrocera aquilonis)</i> Mediterranean fly <i>(Ceratitis capitata)</i>	Floodspray

Crop type	State	Target Insect Pests	Use
Avocado Banana Cactus Fruit (e.g. Prickly Pear) Custard Apple Feijoa Guava (inedible peel varieties only) Litchi (lychee) Kiwifruit (inedible peel varieties only) Passionfruit Pawpaw Pomegranate Tamarillo	All States	Lesser Queensland Fruit Fly (<i>Bactrocera neohumeralis</i>) Northern Territory or Darwin Fruit fly (<i>Bactrocera aquilonis</i>) Mediterranean fly (<i>Ceratitis capitata</i>)	Dipping
Avocado Kiwifruit (inedible peel varieties only) Mango Pawpaw Passionfruit	All States, except NSW, WA and QLD	Queensland Fruit Fly (<i>Bactrocera tryoni</i> ; <i>Dacus tyroni</i>)	Dipping
Cactus Fruit (e.g. Prickly Pear) Custard Apple Feijoa Guava (inedible peel varieties only) Pomegranate	All States, except QLD	Queensland Fruit Fly (<i>Bactrocera tryoni</i> ; <i>Dacus tyroni</i>)	Dipping
Mango	All states	Lesser Queensland Fruit Fly (<i>Bactrocera neohumeralis</i>) Mediterranean fly (<i>Ceratitis capitata</i>)	Dipping
	All states, except NT	Northern Territory or Darwin Fruit fly (<i>Bactrocera aquilonis</i>)	Dipping
Litchi (lychee)	All states, except NSW and WA	Queensland Fruit Fly (<i>Bactrocera tryoni</i> ; <i>Dacus tyroni</i>)	Dipping
Tamarillo	All states, except QLD and NSW	Queensland Fruit Fly (<i>Bactrocera tryoni</i> ; <i>Dacus tyroni</i>)	Dipping

* Refer to product label for information on registered use patterns not covered in the table above.

Issued by the Australian Pesticides and Veterinary Medicines Authority.

Note: 15/03/2019 – Permit updated to clarify ‘Tropical & Sub-Tropical Fruit (Inedible Peel)’ commodities that can be treated under this permit, including the states for use, target fly species and treatment methods. Papaya added to permit. Uses listed on registered label have been removed from the permit. Reference to alternative scientific name for QLD Fruit Fly (*Dacus tyroni*) added, due to this name being used on the product label. Reference to alternative common name for Northern Territory Fruit Fly (Darwin Fruit Fly) added, as this name is used on the product label. Permit issued as Version 2.