



# Mavrik®

## Product Overview

- MAVRIK® is a unique broad spectrum insecticide containing 240 g/L tau-fluvalinate and provides excellent knockdown control of many key sucking and chewing pests
- MAVRIK® is benign to bees and has for many years been a key tool for the management of Apple Dimpling Bug and Plague Thrips in Apples and Plague Thrips in Apple and Stonefruit crops when applied just prior to flowering
- MAVRIK® is applied at low use rates, is almost odourless, and is registered for use in Apples, Asparagus, Cauliflower, Ornamentals, Cherries, Nectarines, Peaches, Plums, Table Grapes and Tomatoes.

## Mode of Action

GROUP **3A** INSECTICIDE

Tau-fluvalinate is a Group 3A insecticide but is unique amongst the pyrethroids in that its chemical structure is benign to bees and exhibits very low toxicity to many other beneficial insects whilst being very effective against target species. MAVRIK® has been shown to be quite safe on several wasp and beetle species (including Lady Beetles) as well as Lacewings and Hoverflies. Tau-fluvalinate is however, quite toxic to spiders and mites, including predatory mites, and application timing should be managed to minimise disruption where integrated mite control is practised.



## When to use MAVRIK®

MAVRIK® controls significant early season sucking pests in Apples, Stonefruit and Table Grapes including Apple Dimpling Bug (*Campylomma liebknecht*) and Plague Thrips (*Thrips imaginis*).

### Apple Dimpling Bug: 20 mL/100 L of water

- Apply as early as possible when control is required as indicated by field monitoring
- In Apples, apply at early blossom from pink stage through to 20% blossom
- The most effective prevention of damage by Apple Dimpling Bug is achieved by spraying MAVRIK® as early as possible at commencement of flowering
- Apply a maximum of 2 non-consecutive sprays of MAVRIK® per season.

### Plague Thrips: 20 mL/100 L of water

- Apply as early as possible when control is required as indicated by field monitoring
- In Apples, apply at early blossom from pink stage through to 20% blossom – no later
- In Cherries, Nectarines, Peaches, Plums and Table Grapes, apply just prior to or at commencement of flowering
- A second application may be required depending on thrips pressure 10-14 days later
- Do not apply outside the blossom period.

MAVRİK® controls some of the major chewing pests in Cauliflower including Native Budworm (*Helicoverpa punctigera*), Cabbage Moth/Diamondback Moth (*Plutella xylostella*), Cabbage White Butterfly (*Pieris rapae*) and may be used to control key pests of Tomato crops including Tomato Grub (*Helicoverpa armigera*), Corn Earworm (*Helicoverpa zea*) and Green Peach Aphid (*Myzus persicae*).

MAVRİK® is also an important tool used in ornamental crops, flowering plants and shrubs to control *Helicoverpa spp* and Two-spotted Mite (*Tetranychus urticae*)

## Resistance Management

Several of the target pests controlled by MAVRİK® are subject to CropLife Australia Insecticide Resistance Management Strategies and users can be kept up to date by visiting the website:

[www.croplife.org.au/industry-stewardship/resistance-management/](http://www.croplife.org.au/industry-stewardship/resistance-management/)

## Harvest Withholding Periods

- No withholding period is required when MAVRİK® is used as directed in Apples, Cherries, Nectarines, Peaches, Plums, Ornamentals and Table Grapes.
- Asparagus can be harvested 1 day after application.
- Cauliflower and Tomatoes can be harvested 2 days after application.

Features	Benefits
Fast acting for rapid removal of pest populations	Prevention of damage to fruit maximising quality and yield potential
Uniquely bee friendly with low toxicity to predatory insects	Minimal disruption to beneficial insect populations and pollination
Proven crop safety in all registered crops over many years	Use with confidence
Low odour formulation with low use rates	Ease of handling at application



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