

DANGER
Keep out of reach of children

Prema 50

INSECTICIDE

ACTIVE INGREDIENT:

Contains 50 g/kg Emamectin benzoate in the form of a water soluble granule.

For the control of leaf rollers on Avocados, Grapes, Kiwifruit and Pipfruit

Registered pursuant to the ACVM Act 1997, No. P10326

See www.foodsafety.govt.nz for registration conditions.

Approved under the HSNO Act 1996, HSR100581

See www.epa.govt.nz for Controls.

IN A TRANSPORT EMERGENCY: CALL 111, POLICE OR FIRE BRIGADE



PLEASE READ THE LABEL COMPLETELY BEFORE USE

GENERAL INFORMATION

Prema 50 has translaminar activity but is not systemic requiring complete coverage for optimal results. After application, **Prema 50** quickly moves into young leaves from where it is taken up by the feeding Leafrollers.

Prema 50 takes about 4 days to achieve optimum control.

Note: DO NOT apply **Prema 50** if rainfall is anticipated before spray droplets would have been expected to dry, as reduced efficacy may result. The addition of a non-ionic surfactant at label rates is required in all uses. Failure to add a non-ionic surfactant may result in a reduction in efficacy.

Crop monitoring: For effective Leafroller control, regularly monitor crops during the season.

INTEGRATED PEST MANAGEMENT

Prema 50 is compatible with IPM programmes using the predatory mites *Typhlodromus pyri*, *Phytoseiulus persimilis* and *T.occidentalis*.

ENVIRONMENTAL INFORMATION

DO NOT apply **Prema 50** when weather conditions favour drift from the target area. **Prema 50** is very toxic to fish and other water-borne organisms. When **Prema 50** comes into contact with soil it is readily and tightly bound to the soil. Product that is not absorbed into plants is rapidly degraded.

MIXING

Add the required amount of **Prema 50** to the partly filled spray tank, then add the remainder of the water while thoroughly agitating. Continue agitation while spraying.

COMPATIBILITY

Prema 50 is compatible with most of the commonly used fungicides and some foliar fertilisers and nutrient products in kiwifruit. For details contact your local distributor. Care should be taken with mixtures with more than one chemical. As formulations of other manufacturer's products are beyond the control of the supplier, all mixtures should be tested prior to use.

DIRECTIONS FOR USE

The recommended rates suggested are for high volume spraying to thoroughly wet the crop without run-off. For concentrate spraying adjust dilution rate accordingly.

HSNO Controls

Do not apply more than 40 g **Prema 50/ha**.

Apply via ground-based methods only.

It is an offence to use this product on animals.

Avocados	Leafrollers	Apply 4 g/100 L water plus a non-ionic wetting agent at label rates as a dilute application.	Ensure thorough coverage. Apply a maximum of six sprays at 21 day intervals or when the pest threshold is reached.
Grapes	Leafrollers	Apply 4 g/100 L water plus a non-ionic wetting agent at label rates.	Ensure thorough coverage. Apply no more than two applications of Prema 50 per season. Prema 50 can be applied at any time from post-flowering to pre bunch closure. For optimal control of leafrollers apply soon after egg laying as possible when larvae are small in size and before larvae become webbed into the bunches. Eggs laid on new growth after application may not be controlled.
Kiwifruit	Leafrollers	2 g/100 L water plus a non-ionic surfactant at label rates as a dilute application.	Ensure thorough coverage. Apply Prema 50 at fruit set followed by two further applications at 21day intervals. Alternatively, apply the first Prema 50 at fruit set with further applications if crop monitoring shows a need. Apply no more than three applications of Prema 50 per season. The final spray must NOT be made within 42 days of harvest.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIODS

Avocadoes..... 3 days

Grapes..... Do not apply after bunch closure

Kiwifruit 42 days

Pipfruit 3 days

For export crops – contact your exporter or Industry crop adviser.

Leaf plucking in vineyards: Sheep must not be sent for slaughter or milking for 6 months after being removed from the vineyard (and placed on clean feed).

RESISTANCE MANAGEMENT

Prema 50 contains emamectin benzoate, which belongs to the avermectin class of insecticides. Intensive use of **Prema 50** or insecticides with the same mode of action may lead to a selection of resistant insects. To minimise this risk, use **Prema 50** strictly in accordance with label directions.

CONDITIONS OF SALE

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING.

IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer or registrants control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.

Crop	Pest	Dosage Rates	Critical Comments
Apples, Pears	Leafrollers	Apply 2 g/100 L water plus a non-ionic wetting agent at label rates as a dilute application.	Ensure thorough coverage. Apply Prema 50 during the pre-harvest period for late season control of leafrollers. Apply a maximum of three sprays at 14 day intervals or when the pest threshold is reached.



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