

Vitis®

For the control of Leafrollers on avocados and grapes.



Active Ingredient: 50g/kg emamectin benzoate

Chemical Group: Avermectin – GROUP 6 INSECTICIDE

Formulation: Water dispersible granule

Pack Size: 10 x 120g

Compatibility: Vitis is compatible with most of the commonly used fungicides and some foliar fertilisers and nutrient products. For details contact Adria Crop Protection. Care should be taken with mixtures with more than one chemical. As formulations of other manufacturer's products are beyond the control of Adria all mixtures should be tested prior to use.

Vitis® offers highly effective Leafroller control:

- ✓ Low use rate.
- ✓ Rapid uptake into the plant.
- ✓ Translaminar activity.
- ✓ Unique mode of action.
- ✓ Rainfast.
- ✓ IPM compatible.

General Information:

Vitis has translaminar activity but is not systemic, therefore thorough coverage is essential. After application, Vitis quickly moves into young leaves from where it is taken up by the feeding Leafrollers. Vitis takes about 4 days to achieve maximum control. Note: DO NOT apply if rainfall is expected before spray would have dried, as reduced efficacy may result. The addition of a non-ionic surfactant is required in all uses. A reduction in efficacy may result if a non-ionic surfactant at label rates is not included.

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

Resistance Management: Vitis is a GROUP 6 INSECTICIDE, containing emamectin benzoate, which belongs to the avermectin class of insecticides. Intensive use of Vitis or insecticides with the same mode of action may lead to a selection of resistant insects. To minimise this risk, use Vitis strictly in accordance with label directions.

Integrated Pest Management: Vitis is compatible with IPM programmes using the predator mites *Typhlodromus pyri*, *Phytoseiulus persimilis* and *T.occidentalis*.

Environmental Information: DO NOT apply when weather conditions favour drift from the target area. Very toxic to fish and other waterborne organisms. When Vitis comes into contact with soil it readily and tightly binds to the soil. Vitis that is not absorbed into plants is quickly degraded.

Mixing: Add the required amount of Vitis to the partly filled spray tank, then add the remainder of the water while thoroughly agitating. Continue agitation while spraying.

Directions for use:

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

Maximum use rate: 40g/ha.

Crop	Disease	Rate	Remarks
Avocados	Leafrollers	4 g/100 litres 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	4 g/100 litres plus a non-ionic wetting agent at label rates. Apply in sufficient water to ensure 40 g of Vitis /ha is applied.	Ensure thorough coverage. Apply no more than two applications of Vitis per season. Vitis can be applied at any time from post flowering to pre bunch closure. For optimal control of leafrollers apply soon after egg lay 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.

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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. It is an offence to use this product on animals.

Withholding Periods:

Avocados - 3 days

Grapes – Do not apply after bunch closure

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