

Supremis[®] 100SC

A systemic insecticide for the control of mealy bug in grapes, and tomato/potato psyllid in field tomatoes and potatoes.



Active Ingredient: 100g/litre spirotetramat

Chemical Group: Inhibitor of acetyl CoA carboxylase Lipid synthesis (GROUP 23 INSECTICIDE)

Formulation: Suspension concentrate

Pack Size: 5 Litre

- ✓ Two-way up-and-down systemic activity in the plant.
- ✓ No cross-resistance to other insecticide groups.
- ✓ Long lasting control.
- ✓ Rapid rainfastness.
- ✓ Low environmental impact.
- ✓ Excellent IPM choice.

About Supremis[®] 100SC

Supremis is a lipid biosynthesis inhibitor, which is active via ingestion. Supremis has two-way systemic activity in the plant, as it moves both upwards and downwards. This assists in distributing the insecticide throughout the plant, and thereby targeting pests which may be difficult to contact with other insecticides. The active ingredient – spirotetramat – moves both down to roots and up to new growth that may not have been directly sprayed. It is redistributed to the most vulnerable tissue via both the phloem and xylem. Sucking pests primarily ingest it orally, ensuring uptake of a lethal dose wherever they are feeding. It is effective against developmental or immature stages of sucking pests.

Supremis is not effective against adults. It is therefore important to target early stages of the life cycle, such as nymphs and crawlers.

Supremis is compatible with IPM production systems and has a high degree of safety to bees and other common beneficials. Supremis is not toxic to birds, earthworms and the soil environment.

Supremis 100SC is a systemic (xylem and phloem mobile) insecticide belonging to the chemical class of ketoenols for the control of mealy bug in grapes, and tomato/potato psyllid in field tomatoes and potatoes.

It is an offence to use this product on animals.

Directions for use:

Mixing: Half fill the spray tank with clean water and add the required amount of Supremis 100SC into the spray tank with agitators running. Supremis has an in-built adjuvant system that optimises uptake, so the addition of other adjuvants is not recommended.

Recommendations: The rates suggested are for high volume spraying of a dilute spray without excessive run-off. For concentrate spraying adjust dilution rate accordingly.

Crop	Pest	Rate	Remarks
Grapes	Mealy bug	150ml/100 litres of water	Apply in 500 litres of water/ha when new season's shoots are 20-50cm long and again just prior to flowering. Do not apply in a water rate that will result in run-off. Do not apply after the start of flowering.
Field tomatoes Potatoes	Tomato potato psyllid	840ml/ha with 1 litre/ha esterified vegetable oil.	Make two applications early in the season at 7 day intervals as part of a programme, in sufficient water to ensure good coverage of all foliage. If large numbers of adult tomato/potato psyllid are present, add a knockdown insecticide. DO NOT apply during flowering.

Compatibility: Supremis 100SC is compatible with most fungicides.

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:

Grapes – Do not apply after the start of flowering;
Potatoes and Field Tomatoes – 35 days

Grazing: Leaf-plucking in vineyards: Livestock must be placed on clean feed for 2 months prior to slaughter.

Resistance Management: Supremis 100SC contains a Group 23 insecticide belonging to the Inhibitors of acetyl CoA carboxylase Lipid synthesis mode of action group. Resistance to these insecticides could develop from excessive use. Do not apply more than 3 applications per season. Use strictly in accordance with label instructions and resistance management strategies at: <https://resistance.nzpps.org>

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Approved under the HSNO Act 1996, HSR101330. See www.epa.govt.nz for controls.