

Optimite®

An insecticide for the control of two-spotted spider mite in capsicums, greenhouse whitefly in cucumbers and greenhouse tomatoes and tomato/potato psyllid in field tomatoes and potatoes.



Active Ingredient: 240g/litre spiromesifen

Formulation: Lipid Biosynthesis Inhibitor (LBI) – GROUP 23

Formulation: Suspension concentrate

Pack Size: 1 and 5 litre

Optimite offers effective control of TPP, two-spotted mites and whitefly:

- ✓ Translaminar and residual activity.
- ✓ Minimal risk to most beneficials.
- ✓ No cross resistance to synthetic pyrethroids, organophosphates and many other chemical groups .

About Optimite®

Optimite has translaminar activity, providing excellent efficacy against a range of pests including two-spotted mites, whiteflies and psyllids. It is highly effective against psyllid nymphs and also reduces the viability of eggs.

Crop Safety: Optimite is generally safe when applied in the correct manner to capsicums, cucumbers, tomatoes and potatoes. Optimite can cause damage and should not be used on other plant genus or species. Due to the large number of varieties of capsicums, cucumbers, tomatoes and potatoes, it is impossible to test all for tolerance to Optimite.

DO NOT APPLY OPTIMITE TO ORNAMENTALS OR FLOWERS.

The professional user should determine if Optimite could be used safely prior to commercial use. Follow and do not exceed the recommendation in the DIRECTIONS FOR USE section. Always test a few plants before spraying the whole crop. Manifestation of symptoms could take up to 4 weeks to become visual following the application.

The risk of phytotoxicity in some cultivars may be reduced by spraying in early morning or late afternoon, when drying is slower or when the sun intensity is low and relative humidity >70%.

Safety to bumblebees and biological control agents: Bumblebee hives can be left in the greenhouse while the crop is being sprayed. Optimite is safe to Encarsia Formosa but moderately harmful to Phytoseiulus persimilis.

GENERAL INFORMATION: Optimite is a contact acaricide/insecticide for the control of two-spotted spider mite in capsicums, greenhouse whitefly in cucumbers and greenhouse tomatoes and tomato/potato psyllid in field tomatoes and potatoes.

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS

Directions for use cont...

According to law, the listed restrictions on the use of this product must be observed, and the product must only be used according to the label instructions.

CROP	PEST	RATE	REMARKS
Capsicums	Two spotted spider mite	60ml/100 litres of water/1,000 square metres. Do not apply more than 60ml of Optimite/1,000 square metres.	Make 2 applications at 7 day intervals starting on appearance of pest. Do not apply more than 2 applications per crop cycle. Ensure thorough coverage. Do not apply to plants suffering from stress – e.g. transplant shock.
Cucumbers Tomatoes	Greenhouse whitefly	As for above	As for above
Field tomatoes and potatoes	Tomato/potato psyllid	600ml/ha	Make 2 applications 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.

Optimite must be applied via ground based methods only.

Plant-back Interval: Following harvest of treated potato crops, a 30 day plant-back interval must be observed prior to planting follow-on crops that may be used to provide animal feed or forage.

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: Capsicums, cucumbers, greenhouse tomatoes: 1 day.

Potatoes, field tomatoes: 7 days.

Application: May be applied through all conventional, ground-based boom spraying equipment. Maintain agitation during mixing and spray application.

Compatibility: Can be tankmixed with fungicides, knockdown insecticides and non-ionic surfactants.