

Technical Information Sheet

Conserve® is a selective insecticide for the control of Western flower thrips in protected ornamentals and protected cucumber, tomato, pepper, aubergine and chilli.

Key facts

Product Registration Number:	MAPP No. 12058
Active Ingredient:	120 g/l spinosad (IRAC Group 5)
Pack Size:	1 litre
Formulation:	Suspension Concentrate (SC)
Maximum Single Dose Rate:	Protected ornamentals: 75 ml / 100 litres water. Protected cucumber, tomato, pepper, aubergine and chilli: 80 ml / 100 litres water.
Maximum No. of Applications:	3 per crop (Maximum of 2 consecutive applications).
Application Timing:	As soon as nymphs or adults are first seen.
Latest Time of Application:	Protected ornamentals: None. Protected cucumber, tomato, pepper, aubergine and chilli: 3 days before harvest.
Following Crop Restrictions:	None.
Water Volume:	Protected ornamentals: 500 - 1000 l/ha. Protected cucumber, tomato, pepper, aubergine and chilli: 600 – 1000 l/ha.
Aquatic buffer zone	Horizontal Boom Sprayer: 5 m from top of bank of static or flowing water body, or 1 m if ditch is dry. Handheld Sprayer: 1 m from top of bank of static or flowing water body.
Rainfastness:	Leave 12 hours before applying irrigation.

Key benefits

- Naturally derived crop protection product.
- Fast knockdown and extended residual control.
- High target pest selectivity and minimal impact on beneficial insects (when used according to product label).

Use Insecticides safely. Always read the label and product information before use. For warning phrases and symbols refer to label.

Best use advice

- To avoid variable performance timing of application should be optimised and good coverage of the foliage should be achieved.
- Apply as soon as western flower thrip nymphs or adults are seen.
- Water volume should reflect the need for uniform cover and penetration of the leaf canopy.
- Do not use reduced label rates.
- For protected ornamental plants apply a maximum of 2 consecutive sprays (5-to-7-day intervals should be applied when conditions favour rapid pest development) followed by a minimum 10-week interval before a further application of Conserve.
- For protected cucumber, tomato, pepper, aubergine and chilli crops apply a maximum of 2 consecutive sprays (7-day intervals should be applied when conditions favour rapid pest development) followed by a minimum 28-day interval before a further application of Conserve.
- The total number of any spinosad containing products must not exceed 6 per glasshouse or protected structure in a 12-month period, regardless of crop treated.
- Conserve has been tested on a wide range of ornamentals, but before use, test the safety on a small number of plants first. African violets are prone to spotting.
- Whenever possible use an Integrated Pest Management programme. Avoid use of the same active ingredient or mode of action on consecutive generations of insects.
- Do not apply Conserve in the heat of the day when bees are foraging as direct contact with the spray may be harmful. Remove the hive during spraying. It is recommended that a period of 24 hours elapses and all spray deposits are thoroughly dry before exposure of bees.
- Conserve is safe to a wide range of predators and parasites used to control pests in protected environments.

Mode of action

Conserve is an IRAC Group 5 Insecticide: Nicotinic acetylcholine receptor (nAChR) allosteric modulators – Site I Contact and ingestion activity. Symptoms appear almost immediately with complete mortality within a few hours. Conserve is not systemic but does show translaminar movement.

Application and tank cleaning

Apply Conserve, in a high-volume spray, using either a hydraulic nozzle motorized sprayer or knapsack sprayer. Ensure thorough coverage to the point of run off.

Wash spray tank and equipment with clean water and a liquid detergent immediately after use. Spray out, fill with clean water, leave overnight and spray out in the morning