

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Synergy[®] Insecticide Synergist

ACTIVE CONSTITUENT: 800 g/L PIPERONYL BUTOXIDE

For use as a synergist when applying synthetic pyrethroid insecticides in cotton, and in a tank mixture with Astral™ 250EC Insecticide/Miticide for the control of silverleaf whitefly, sweet potato whitefly and corn earworm in cucurbits and tomatoes.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT

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APVMA Approval No.: 58463/59036

DIRECTIONS FOR USE:

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Cotton	Cotton bollworm (<i>Helicoverpa armigera</i>)	NSW, WA, NT, Qld only	300-400mL/ha	Must be mixed into registered rate of a synthetic pyrethroid insecticide. Use the lower rate with the lower registered rate of the pyrethroid insecticide, and the higher rate with the higher rate of the pyrethroid insecticide, as per the cotton insecticide strategy.
Cucurbits, Tomato	Silverleaf whitefly (<i>Bemisia tabaci</i>), Biotype B Corn earworm (<i>Helicoverpa armigera</i>), Sweet potato whitefly (<i>Bemisia tabaci</i>), Australian native biotype	All states	300-400mL/ha or 30-40mL/100L for dilute application	Must be mixed with a registered or permitted rate of Astral 250EC insecticide. Use the lower rate with the lower registered rate of Astral 250EC and the higher rate with the higher registered rate of Astral 250EC. Crop Safety Because of the large number of existing and new tomato and cucurbit varieties available, it is not possible to evaluate the crop safety of mixture of Synergy and Astral 250EC on all these varieties. Growers are strongly advised to check the crop safety of Synergy and Astral 250EC mixtures before applying to a tomato or cucurbit variety on which they have not previously used the mixture. The following varieties have been tested and no crop damage was observed Pumpkin - Butternut, Ken's Special, Sunset. Watermelon - Red Tiger, Carnival Rockmelon - Dubloons, Malibu Honeydew melon - Galaxy Squash - Sunburst Cucumber - Coolah, Advance Zucchini - Amanda. Note that damage to zucchini var. Blackjack and Vaquer has occurred in some trials. Tomato - Guardian, KY1, Roma, Thunder Insecticide Resistance Management Use Synergy/Astral 250EC mixtures in rotation with insecticides from at least 2 other insecticide groups that are registered or permitted for use against corn earworm or silverleaf whitefly in tomato and cucurbit crops. DO NOT apply more than 2 applications of Synergy/Astral 250EC per crop. If an approved Resistance Management Strategy is in place for a particular area (eg Silverleaf whitefly Management in the Burdekin and Bowen Districts of Queensland), this should be followed.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD: NO WITHHOLDING PERIOD IS REQUIRED FOR SYNERGY. HOWEVER THE WITHHOLDING PERIOD OF THE INSECTICIDE MIXING PRODUCT SHOULD BE OBSERVED AT ALL TIMES.

GENERAL INSTRUCTIONS

This product is intended solely for use as a synergist when applying ultra low volume or emulsifiable concentrate formulations of synthetic pyrethroid insecticides in cotton, or when applying Astral 250EC in cucurbits and tomatoes. Synergy can be degraded by UV light so for best results avoid spraying in the middle of the day or during peak UV intensity. When used as a synergist better results may be obtained on crops that are sprayed at night or late in the evening.

MIXING INSTRUCTIONS

Thoroughly mix the required quantity of the pesticide and this product in a suitable container. Add the blended pesticide/synergist to the diluent and mix thoroughly. Keep agitated until sprayed. The mixture should be used within 3 hours of preparation.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with this product or the used containers.

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. Avoid inhaling the spray mix. Once mixed with an insecticide, follow the safety directions of that product.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from your supplier or from the Crop Care website – www.cropcare.com.au

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN AN EMERGENCY ONLY 1800 033 498 ALL HOURS – AUSTRALIA WIDE
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Conditions of sale

Crop Care Australasia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crop Care Australasia Pty Ltd is limited to the replacement of the goods or (at the option of Crop Care Australasia Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crop Care Australasia Pty Ltd within thirty days of delivery.

® Synergy is a registered trademark of Nufarm Australia Limited.

™ Astral trademark pending.