

POISON

NOT TO BE TAKEN
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING

TALSTAR  **80SC**
INSECTICIDE/MITICIDE

Active Constituent: 80 g/L BIFENTHRIN

For the control of Apple dimpling bug and Plague thrips in Apples, Scab moth and Flower thrips in Bananas, Two spotted mites in Pears, and several pests in Ornamentals as listed in the Directions for Use Table

Contents: 500 mL, 1 & 5 Litres

FMC

FMC (Chemicals) PTY LTD
77 Tingira Street,
Pinkenba Qld 4008

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DIRECTIONS FOR USE**RESTRAINTS:**

DO NOT use in situations or orchards where predatory mites are established and providing effective mite control.

DO NOT apply by aircraft.

DONOT apply if rainfall is expected before spray deposits dry on leaf surfaces.

Crop	Pest	State	Rate	Withholding Period	Critical Comments
Apples	Apple dimpling bug (<i>Campylomma liebknechti</i>) Plague thrips (<i>Thrips imaginis</i>)	Qld, NSW, Vic, SA & WA only	10 mL or 20 mL/100L	-	Apply when pest numbers reach accepted threshold levels. Applications should be made as early as possible during the blossoming period and early in the morning when bees are not actively foraging. Use the high rate for both knockdown and residual control. Only one application at this rate should be required per season. In orchards where appropriate crop monitoring facilities are available, the low rate may be used for knockdown control only. When this low rate is used, a second application at the low rate may be required to control re-infestation. Spray to run-off using a total spray volume of 1000 to 2500 L/ha, depending on tree size.
Bananas	Banana scab moth (<i>Nacoleia octasema</i>)	Qld only	250mL/100L	-	Apply 40mL of prepared spray to each banana bell. Use a suitable bell injection instrument to inject the required volume directly into the bell as it emerges from the throat of the banana plant while in the upright position. The correct site for injection is in the top half to one third of the bell just below the distinct swelling where the male flower mass ends and the female flower cavity (bottom hand of fruit) start.
	Flower thrips (<i>Thrips florum</i>)	Qld & NSW only			Keep injection equipment clean and use lubricants sparingly. Monitor for thrips activity and treat only when thrips are active.
Pears	Two spotted mite (<i>Tetranychus urticae</i>) Pear Looper Longtailed mealy bug crawlers Lightbrown apple moth Codling moth	Vic only	50 mL /100L	14 days	Monitor the mite population from mid December onwards. Apply Talstar 80 SC before the mite population reaches economic damage levels (ie around 20-30 motiles/25 leaves). A follow up treatment may be required 3 to 4 weeks later. If more than 2 miticide applications are required use an alternative rotational miticide. Spray to run off using a total spray volume of 2000 – 4000L/ha depending on the tree size. Note: When using Talstar 80 SC in pears, it is not necessary to tank-mix additional insecticides for control of Codling moth and Lightbrown apple moth, Pear Looper and Longtailed mealy bug crawlers.
Roses, carnations and Ornamental plants	Thrips (<i>Thrips simplex</i> and <i>T. hawaiiensis</i>) Two spotted mite (<i>Tetranychus urticae</i>) Aphids, Lightbrown apple moth Poinsettia white fly (<i>Bemisia tabaci</i>) BiotypeB	All States	50mL/100L 35 or 50 mL/100L 25mL/100L	-	Apply at the first sign of pest infestation and before pest populations build up to damaging levels. Repeat as necessary on a 10 - 14 day interval. Best results are obtained from preventative rather than curative applications. Where indicated, use the higher dosage for knockdown of established pest infestations or when longer residual activity is required. Spray to run off using a total spray volume of 1000 - 1500 L/ha.

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

WITHHOLDING PERIOD

Pears: DO NOT apply later than 14 days before harvest.

GENERAL INSTRUCTIONS

Talstar 80 SC is a contact and residual insecticide/miticide. It can be used as a protective treatment when applied at regular intervals or as a knockdown treatment to control existing pests. Best results are obtained when Talstar 80 SC is applied before pest populations build up to damaging levels.

APPLICATION

Talstar 80 SC is a suspension concentrate requiring dilution with water prior to use. Applications should be made with ground equipment calibrated to deliver a fine dilute spray in a suitable volume to ensure thorough coverage. Use suitable application equipment and preferably cone nozzle combinations to deliver appropriate spray volume and a droplet size of 150-200 microns. Do not apply as a fog or mist.

MIXING

Add the required quantity of Talstar 80 EC to water in the spray tank and mix thoroughly. Maintain agitation during mixing and application.

COMPATIBILITY

Talstar 80 SC is compatible with commonly used fungicides such as Dithane M45, Antracol, Bravo 500 and Kocide.

SURFACTANTS

Talstar 80 SC contains a surfactant. Additional surfactant may only be necessary on hard to wet plants and in high volume situations.

RE-ENTRY TO TREATED FIELDS/CROPS

Unless suitable clothing is worn (i.e water proof hat, overalls, boots and gloves) it is advised not to re-enter field/crops until spray deposits have dried.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT

Dangerous to fish and aquatic organisms. Do not contaminate dams, rivers, streams, waterways or drains with product or the used container.

PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT spray any plants in flower when bees are foraging. Spray in the night or early morning when bees are not actively foraging.

STORAGE, SPILLAGE AND DISPOSAL

Store in closed original containers, in a cool well ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight.

In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or cat litter and dispose of waste as indicated below or according to the Australian Standard 2507 - Storage and Handling of Pesticides.

Do not re-use empty containers. Triple rinse containers before disposal, and add rinsings to tank mix or dispose of rinsate in a disposal pit away from desirable plants and their roots, and watercourses. On-site disposal of undiluted chemicals is unacceptable.

Destroy empty containers by breaking, crushing or puncturing them. Dispose of the containers at a local authority landfill that does not burn its refuse.

If there is no local authority landfill readily available in your area, bury the containers at a depth of 500 mm or more at an approved disposal site. Do not burn empty containers or product.

SAFETY DIRECTIONS

Poisonous if swallowed. Will irritate the eyes. Avoid contact with the eyes and skin. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia (13 11 26)
If swallowed, and if more than 15 minutes from hospital, induce vomiting, preferably using Ipecac Syrup APF.

Additional Information is listed in the Material Safety Data Sheet No.: FMC/TAL80/1

WARRANTY

FMC makes no warranty express or implied, concerning the use of this product other than that indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

UN No. 2902	PESTICIDE, LIQUID, TOXIC, N.O.S. (8% Bifenthrin)
In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS – AUSTRALIA WIDE
PG III	HAZCHEM 2X

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NRA Approval No.: 45703/1201

Batch No.

Date of Manufacture

MSDS no. FMC/TAL80/1.