



Talstar® 80 SC
INSECTICIDE / MITICIDE

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING
OR USING

SC

FORMULATION TYPE
Suspension
Concentrate

ACTIVE CONSTITUENT:
80 g/L BIFENTHRIN

CONTENTS:
500 mL, 5 L, 20 L



GROUP 3A INSECTICIDE

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.

SAFETY DIRECTIONS

Poisonous if swallowed. May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with the eyes and skin.

FIRST AID

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet that can be obtained from www.fmccrop.com.au

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.

INSECTICIDE RESISTANCE WARNING

GROUP 3A INSECTICIDE

For insecticide resistance management Talstar® 80 SC is a Group 3A insecticide.

Some naturally occurring insect biotypes resistant to Talstar® 80 SC and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Talstar® 80 SC or other Group 3A insecticides are used repeatedly. The effectiveness of Talstar® 80 SC on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, FMC accepts no liability for any losses that may result from the failure of Talstar® 80 SC to control resistant insects.

Talstar® 80 SC may be subject to specific resistance management strategies. For further information contact your local supplier, FMC Australasia Pty Ltd representative or local agricultural department agronomist.

MIXING

Add the required amount of Talstar® 80 SC to water in the spray tank and mix thoroughly. Maintain agitation during mixing

and application.

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 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 to 200 microns. **DO NOT** apply as a fog or a mist.

COMPATIBILITY

Talstar® 80 SC is compatible with commonly used fungicides such as Dithane* M45, Antracol*, Barrack* 720 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 (ie. water proof hat, overalls, boots and gloves) it is advised **NOT** to re-enter fields/crops until spray deposits have dried.

PROTECTION OF LIVESTOCK

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

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

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 500 mm 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.

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.

DO NOT apply if rainfall is expected before spray deposits dry on leaf surfaces.

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Apples	Apple dimpling bug (<i>Campylomma liebkechti</i>)	Qld, NSW, Vic, SA & WA only	10 or 20 mL/100 L	-	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 higher 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 e-infestation. Spray to run off using a total spray volume of 1000 to 2500 L/ha, depending on the tree size.
Bananas	Banana scab moth (<i>Nacoleia octasema</i>)	Qld only	250 mL/100 L	-	Apply 40 mL 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. Keep injection equipment clean and use lubricants sparingly. Monitor for thrips activity and treat only when thrips are active.
	Flower thrips (<i>Thrips florum</i>)	Qld & NSW only			
Pears	Two spotted mite (<i>Tetranychus urticae</i>) Pear looper Longtailed mealy bug crawlers Lightbrown apple moth Codling moth	Vic only	50 mL/100 L	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 2000-4000 L/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 Ornamenta l plants	Thrips (<i>Thrips simplex</i> and <i>T. hawaiiensis</i>)	All States	50 mL/100 L	-	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.
	Two spotted mite (<i>Tetranychus urticae</i>)		35 or 50 mL/100 L		
	Aphids Lightbrown apple moth Poinsettia white fly (<i>Bemisia tabaci</i>) Biotype B		25 mL/100 L		

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

WITHHOLDING PERIODS:

Pears: **DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.**

NOTICE TO BUYER

To the extent permitted by the Competition and Consumer Act (2010) or any relevant legislation of any State or Territory (the "Legislation") all conditions and warranties and statutory or other rights of action, whether arising in contract or tort or whether due to the negligence of FMC or Seller, which buyer or any other user may have against FMC or Seller are hereby excluded provided however that any rights of the buyer pursuant to non-excludable conditions or warranties of the Legislation are expressly preserved. FMC hereby gives notice to buyer and other users that to the extent permitted by the Legislation it will not accept responsibility for any indirect or consequential loss of whatsoever nature arising from the storage, handling or use of this product. Where permitted by the Legislation FMC's liability shall in all circumstances be limited to the replacement of the product, or a refund of the purchase price paid therefor.

The product must be used and applied strictly in accordance with the label instructions and other directions for use. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of FMC or the Seller. Buyer accepts these risks.

**IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE
BRIGADE**

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**SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111
ALL HOURS – AUSTRALIA WIDE**

Additional statements required by Globally Harmonised Systems for classification and labelling of chemicals (GHS) and Safe Work Australia:

Causes damage to organs through prolonged or repeated exposure Central Nervous system.

DO NOT eat, drink or smoke when using this product. IF SWALLOWED: Immediately call a POISON CENTER/ doctor if you feel unwell. Rinse mouth. Collect spillage.