

POISON

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

SKOPE[®] Insecticide

ACTIVE CONSTITUENTS:

218 g/L ACETAMIPRID

32.5 g/L EMAMECTIN

PRESENT AS EMAMECTIN BENZOATE

GROUP **4A | 6** INSECTICIDE

Crops: Cotton

Controls: Cotton Aphid, Green Mirid,
Green Vegetable Bug, Heliothis and Silverleaf Whitefly
as per the Directions for Use

Formulation type

Dispersible
Concentrate

DC



ADAMA

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CONTENTS: 1 - 110 L

DIRECTION FOR USE

RESTRAINTS

DO NOT apply with aircraft when nozzles are higher than 3 metres above the ground or crop canopy AND when wind speed is less than 3 or more than 20 kilometres per hour as measured by an anemometer at the application site or by an approved weather station within 5 kilometres of the site. Use medium spray according to ASAE S572 definition for standard nozzles. Use upwind swath displacement.

DO NOT apply from aircraft unless the active boom width is less than or equal to 60% of the wingspan or 80% of the rotary blade length.

DO NOT apply to crops under visible stress.

DO NOT spray crops while bees are actively foraging.

MANDATORY NO SPRAY ZONES

Aerial and Ground Applications

AQUATIC ENVIRONMENT

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zones for protection of the Aquatic Environment

Table A: No-Spray Zones for Protection of the Aquatic Environment		
FOR AERIAL APPLICATION		
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone Medium Spray Droplets	
	Fixed-Wing	Helicopter
From 3 to 8 kilometres per hour	160 metres	80 metres
From 8 to 14 kilometres per hour	180 metres	80 metres
From 14 to 20 kilometres per hour	180 metres	100 metres
FOR GROUND APPLICATION		
From 3 to 20 kilometres per hour	5 metres	

Terrestrial Environment

DO NOT apply if there are sensitive crops, gardens, landscaping vegetation, protected native vegetation or protection animal habitat downwind from the application area and within the mandatory no-spray zones for protection of the Terrestrial Environment.

Table B: No-Spray Zones for Protection of the Terrestrial Environment		
FOR AERIAL APPLICATION		
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone Medium Spray Droplets	
	Fixed-Wing	Helicopter
From 3 to 8 kilometres per hour	200 metres	120 metres
From 8 to 14 kilometres per hour	300 metres	180 metres
From 14 to 20 kilometres per hour	300 metres	180 metres
FOR GROUND APPLICATION		
From 3 to 20 kilometres per hour	Not required	

MANDATORY NO-SPRAY ZONE FOR PROTECTION OF INTERNATIONAL TRADE

DO NOT apply if there are livestock, pasture or any land that is producing feed for livestock downwind from the application area and within the mandatory no-spray zones for protection of International Trade

Table C: No-Spray Zones for Protection of International Trade		
FOR AERIAL APPLICATION		
Wind Speed Range at Time of Application	Downwind Mandatory No-Spray Zone	
	Fixed-Wing	Helicopter
From 3 to 8 kilometres per hour	200 metres	120 metres
From 8 to 14 kilometres per hour	300 metres	180 metres
From 14 to 20 kilometres per hour	300 metres	180 metres
FOR GROUND APPLICATION		
From 3 to 20 kilometres per hour	Not required	

SITUATION & CROP	INSECT	STATE	RATE/ha	CRITICAL COMMENTS
Cotton	Silverleaf Whitefly <i>(Bemisia tabaci Biotype B)</i>	All states	175mL to 350mL	SKOPE® has activity primarily on whitefly nymphs and evidence of activity will be slower than typical contact insecticides. Apply SKOPE® when whitefly first appears and prior to heavy populations becoming established in the crop. Use the higher rate when conditions favour a rapid increase in the whitefly population, for longer residual control, during periods of rapid crop growth or when crops are well advanced. After application, continue to monitor the crop and if a second spray is required, apply an insecticide from a different mode of action group before applying a second application of SKOPE®. Adjuvant When silverleaf whitefly is the primary target insect, apply SKOPE® with Hasten [†] at 1 L/ha.
	Green Mirid <i>(Creontiades dilutus)</i>			Apply SKOPE® when green mirid numbers reach action thresholds. Use the higher rate on heavier populations and for longer residual control. Treated insects may still be on the plant for 2 or 3 days after application but will have stopped feeding. Adjuvant Apply with a non-ionic surfactant at the recommended label rate or an organosilicone adjuvant such as Pulse [†] Penetrant at 0.2% v/v.
	Green Vegetable Bug <i>(Nezara viridula)</i>		300mL to 350mL	Apply SKOPE® when Green Vegetable Bug numbers reach action thresholds. Use the higher rate on heavier populations and for faster knockdown. Under heavy/sustained Green Vegetable Bug pressure, SKOPE® may only provide knockdown and residual control for 7 days. A second application with an insecticide from a different mode of action group may be required if pest populations recover rapidly and numbers approach the action threshold. Adjuvant Apply with a non-ionic surfactant at the recommended label rate or an organosilicone adjuvant such as Pulse [†] Penetrant at 0.2% v/v.
	Cotton Bollworm <i>(Helicoverpa armigera)</i> Native Budworm <i>(Helicoverpa punctigera)</i>			Timing of application is important. For best results apply at or just prior to the anticipated time of hatching of <i>Helicoverpa</i> eggs as indicated by egg levels or scouting. As earlier larval stages are easier to control, DO NOT target larvae larger than 5 mm (very small to small). Large larvae and larvae feeding within the bolls and squares may not be controlled. Larvae must feed on treated areas in order to achieve effective control. Where egg pressure is high, the addition of an ovicide is recommended. Use the lower rate on light infestations. SKOPE® should be used according to the Best Management Practices Manual guidelines. Adjuvant Apply with a non-ionic surfactant at the recommended label rate.

SITUATION & CROP	INSECT	STATE	RATE/ha	CRITICAL COMMENTS
Cotton	Cotton Aphid (<i>Aphis gossypii</i>)	All states	50mL to 100mL	Use the high rate under sustained heavy aphid pressure. If repeat applications are required, alternate with products from a different insecticide group. DO NOT apply more than 2 sprays per season for cotton aphid control. Adjuvant Apply with an organosilicone adjuvant such as Pulse [†] Penetrant at 0.2% v/v.

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

WITHOLDING PERIODS:

DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

DO NOT GRAZE OR CUT FOR STOCK FOOD

DO NOT FEED COTTON TRASH FROM TREATED AREAS TO ANIMALS, INCLUDING POULTRY

GENERAL INSTRUCTIONS

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management, SKOPE[®] Insecticide is a Group 4A and Group 6 Insecticide. Some naturally occurring insect biotypes resistant to SKOPE[®] and other Group 4A and Group 6 insecticides may exist through normal genetic variability in any insect population. Repeated use of one particular insecticide or insecticides from the same chemical group can lead to the early development of insect resistance to that insecticide or chemical group. The effectiveness of SKOPE[®] on resistant individuals could be significantly reduced. Resistant individuals can eventually dominate the insect population if SKOPE[®] and other Group 4A and/or Group 6 insecticides are used repeatedly. SKOPE[®] should not be applied more than two times per season and do not apply as consecutive applications. Since occurrence of resistant individuals is difficult to detect prior to use, ADAMA Australia accepts no liability for any losses that may result from the failure of SKOPE[®] to control resistant insects. SKOPE[®] may be subject to specific resistance management strategies. For further information contact your local supplier, ADAMA representative or local agricultural department agronomist.



MIXING

Shake container prior to opening. Two thirds fill the spray tank with clean water, and with the agitator operating, add the required quantity of SKOPE[®]. Top up the spray tank to the required volume with clean water with the agitator running. Add the required quantity of adjuvant after mixing is complete and spray tank is filled to the required level. Maintain agitation while spraying.

APPLICATION

Ground application: Ensure thorough coverage of foliage. Apply in a spray volume of 80-100 L/ha.

Aerial application: Ensure thorough coverage of foliage. Apply using a minimum 20 L/ha spray volume.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers. DO NOT apply under weather conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent areas, particularly wetlands, water bodies or watercourses. A spray drift minimisation strategy should be employed at all times when aerially applying to, or near, sensitive areas. The strategy envisaged is exemplified by the cotton industry's Best Management Practice Manual.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. Will kill bees foraging in the crop to be treated or in hives that are oversprayed or reached by spray drift. Residues remain toxic to bees for 11 days after application. DO NOT spray any plants in flower while bees are foraging. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar if there is a potential for bees to be affected by the spray or spray drift.

INTEGRATED PEST MANAGEMENT (IPM)

Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

STORAGE AND DISPOSAL

10L, 20:

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing the product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, elbow-length chemical resistant gloves and goggles. If product or spray in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

FIRST AID

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

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for SKOPE[®] INSECTICIDE is available from adama.com or Call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of SKOPE[®] INSECTICIDE being beyond the control of the manufacturer, no warranty expressed or implied is given by ADAMA Australia Pty. Ltd., regarding its suitability, fitness or efficiency for any purposes for which it is used by the buyer, whether in accordance with the Directions for Use or not. ADAMA Australia Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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