

CAUTION

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

Oracle[®]

Insecticide

ACTIVE CONSTITUENT: **17 g/L EMAMECTIN**

present as EMAMECTIN BENZOATE

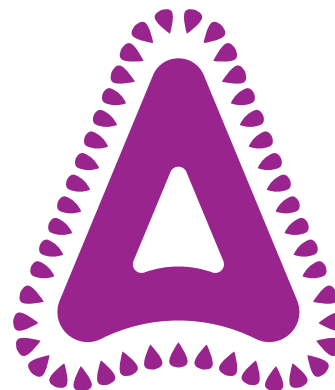
SOLVENTS: 602 g/L LIQUID HYDROCARBONS
100 g/L N-METHYL-2-PYRROLIDONE

GROUP

6

INSECTICIDE

For the Control of *Heliothis* and Suppression
of Green Mirids in Cotton



ADAMA

Formulation type
Emulsifiable
Concentrate



adama.com

CONTENTS: 10 L, 20 L, 60 L, 100 L, 110 L, 200 L, 1000 L

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply to crops under visible stress.

DO NOT apply if wind speed is less than 3 km and more than 20 km per hour or under conditions where temperature inversions may occur.

DO NOT spray any plants in flower while bees are actively foraging.

CROP	PEST	RATE	CRITICAL COMMENTS
Cotton (Qld, NSW, WA, NT only)	<i>Heliothis (Helicoverpa armigera, Helicoverpa punctigera)</i>	550 mL/ha or 700 mL/ha Add a non-ionic surfactant at recommended label rate	Timing 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 bolls and squares may not be controlled. Larvae must feed on treated areas in order to achieve effective control. Where high egg lays occur the addition of an ovicide is recommended. Use the lower rate on light infestations. Make no more than 4 applications per season. ORACLE [®] should be used in accordance with the cotton Best Management Practices Manual.
	Green Mirids (<i>Creontiades dilutes</i>) Suppression only		Apply to developing Green Mirid populations that are predominantly nymphs. Maximum effect is not achieved until 5 - 7 days after application. Use the higher rate on heavier populations.

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

WITHHOLDING PERIODS

**Cotton: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION
DO NOT FEED COTTON TRASH FROM TREATED AREAS TO ANIMALS, INCLUDING POULTRY**

EXPORT TRADE ADVICE

Treated crop commodities destined for export may require extra time being allowed between application and harvest, as some export markets have either no Maximum Residue Limits (MRLs) or different MRLs to those of Australia. Details of overseas standards and any export interval can be obtained by contacting Adama Australia before using this product.

GENERAL INSTRUCTIONS

MIXING

Add the required amount of ORACLE® to a partly filled spray tank, and then add the remainder of the water.

APPLICATION

ORACLE® is not systemic. To be effective, ORACLE® requires thorough spray coverage. Ensure that equipment is properly calibrated to give an even distribution at the correct volume.

Ground Application: Apply in at least 100 L spray volume per hectare.

Air Application: Apply in at least 20 L spray volume per hectare.

COMPATIBILITY

As formulations of other manufacturers' products are beyond the control of Adama Australia, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management ORACLE® Insecticide is a Group 6

GROUP	6	INSECTICIDE
-------	----------	-------------

insecticide. Some naturally occurring insect biotypes resistant to ORACLE® and other Group 6 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if ORACLE® or other Group 6 insecticides are used repeatedly. The effectiveness of ORACLE® on resistant individuals could be significantly reduced. Since the occurrence of resistant insects is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of ORACLE® to control resistant insects. ORACLE® may be subject to specific resistance management strategies. For further information contact your local supplier, Adama representative or local agricultural department agronomist.

RESISTANCE

Experience has shown that 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. Therefore ORACLE® should not be applied more than the following number of times per season/crop/year:

Cotton: Four sprays per season.

PRECAUTION

Human flagging is not supported unless flaggers are protected by engineering controls such as vehicles with cabs.

RE-ENTRY PERIOD

DO NOT enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical 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 LIVESTOCK - BEES

Dangerous to bees. Will kill bees foraging in the crop to be treated or in hives which are oversprayed or reached by spray drift. Residues may remain toxic to bees for several 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 potential for managed bees to be affected by the spray or spray drift.

STORAGE AND DISPOSAL

10 L, 20 L, 60 L, 200 L

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 the 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.

100 L, Envirodrum Micro Matic Valve (110 L)

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the valve or the security seal. DO NOT contaminate the container with water or any foreign matter. After each use of the product, please ensure that the coupler delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the container have been used, close all valves and return to the point of sale for refill or storage. The container remains the property of Adama Australia.

1000 L

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Adama Australia should be advised immediately. This minibulk container is reusable and remains the property of Adama Australia. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product shall be put into it. When empty return to Adama Australia for cleaning, relabelling and refilling.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing spray, using the prepared spray and pouring large quantities, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical-resistant gloves and face shield or goggles. If applying by low pressure hand wand, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), chemical-resistant gloves, a half facepiece respirator and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes, immediately wash area with water. Wash hands after use. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

FIRST AID

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

SDS

If additional hazard information is required refer to the Safety Data Sheet. A material safety data sheet for ORACLE® Insecticide is available from Adama Australia on request. Call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of ORACLE® Insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia, 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 accepts no responsibility for any consequence whatsoever resulting from the use of this product.

® Registered trademark of an Adama Group Company

07/2017 9078

07/2017 9078