

# POISON

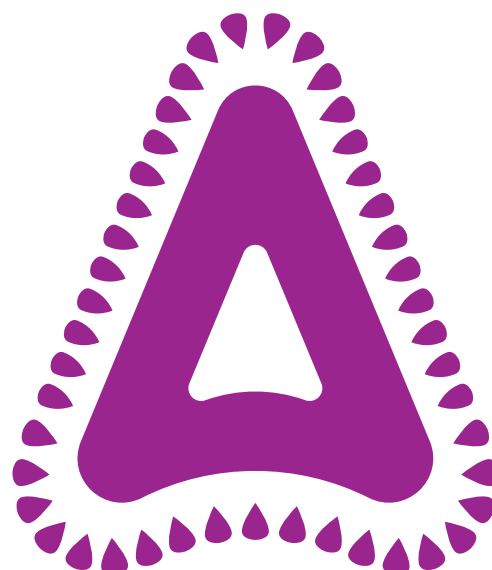
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

## Primal<sup>®</sup> Insecticide

ACTIVE CONSTITUENT: 200 g/L ACETAMIPRID  
SOLVENT: 505 g/L DIMETHYL SULFOXIDE

GROUP **4A** INSECTICIDE

For the control of cotton aphid and green mirid in cotton as specified in the Directions for Use Table.



# ADAMA

## ESSENTIALS

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### DIRECTIONS FOR USE

#### RESTRAINTS:

DO NOT apply from aircraft within 100 metres of livestock downwind, downwind pasture or any downwind land that is producing feed for livestock.

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.

CROP	PEST	STATE	RATE	WHP (days)	CRITICAL COMMENTS
Cotton	Cotton Aphid ( <i>Aphis gossypii</i> )	Qld, NSW, WA, NT only	55-113 mL/ha + 0.2% v/v Pulse <sup>®</sup> Penetrant	10 Days (H)	Use the high rate under sustained heavy aphid pressure. If repeat applications are required, alternate with products from a different insecticide group (refer to Cotton Aphid Resistance Management under General Instructions). DO NOT apply more than 2 sprays per crop per season.
	Green Mirid ( <i>Creontiades dilutus</i> )		113 mL/ha + 0.2% v/v Dupont Incede <sup>®</sup> Penetrant (organosilicone penetrant)		Target Nymphs and/or adults when they reach the economic spray threshold. On above threshold AND increasing Green Mirid populations, suppression only may be observed.

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

#### WITHHOLDING PERIODS (WHP):

##### HARVEST

COTTON: DO NOT HARVEST FOR 10 DAYS AFTER APPLICATION.

##### GRAZING

COTTON: DO NOT GRAZE OR CUT FOR STOCKFOOD.

## GENERAL INSTRUCTIONS

### INSECTICIDE RESISTANCE WARNING

For insecticide resistance management, PRIMAL® Insecticide is a Group 4A **GROUP 4A INSECTICIDE** Insecticide. Some naturally occurring insect biotypes resistant to PRIMAL and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if PRIMAL and other Group 4A insecticides are used repeatedly. The effectiveness of PRIMAL on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Adama Australia Pty. Ltd. accepts no liability for any losses that may result from the failure of PRIMAL to control resistant insects. PRIMAL may be subject to specific resistance management strategies. For further information contact your local supplier, Adama representative or local agricultural department agronomist.

### Cotton Aphid Resistance Management

If repeat applications are required, alternate PRIMAL with a registered insecticide from a different chemical group. DO NOT apply consecutive applications of group 4A insecticides.

### 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 PRIMAL. Top up the spray tank to the required volume with clean water with the agitator running. Add the required quantity of non-ionic wetter or Pulse<sup>†</sup> Penetrant or Dupont Incide<sup>†</sup> 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. This will require a water volume of at least 50 L/ha.

**Aerial application:** Ensure thorough coverage of foliage. This will require a water volume of at least 20-30 L/ha.

### RE-ENTRY

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.

### PRECAUTION

DO NOT use human flaggers/markers unless they are protected by engineering controls such as vehicles with enclosed cabs.

### 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

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

## STORAGE AND DISPOSAL

Store in the closed, original container in a well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple 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 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, mixing and loading, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. If product 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 131126; New Zealand 0800 764 766. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

### MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for PRIMAL INSECTICIDE is available from Adama on request. Call Customer Service on (02) 9431 7800.

**CONDITIONS OF SALE:** The use of PRIMAL® 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 purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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† Other registered trademarks

## NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

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Batch No.

Date of Manufacture