

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

eChem  
**AceTam 225**

INSECTICIDE

ACTIVE CONSTITUENT: 225 g/L ACETAMIPRID

SOLVENTS: 515 g/L DIMETHYL SULFOXIDE

334 g/N-METHYL PYRROLIDONE

**GROUP 4A INSECTICIDE**

For the control of cotton aphid, green mirids and silverleaf whitefly in cotton and green peach aphid in potatoes as specified in the Directions for Use table.

**IMPORTANT: READ THIS BOOKLET BEFORE USE.**

APVMA Approval Number: 67783/120124

**eChem (Australia) Pty Ltd**

ACN 089 133 095

Level 4, Lantos Place,

80 Stamford Road, Indooroopilly, Qld, 4068

Phone: 1300 781 649 Fax: 1300 781650

**DIRECTIONS FOR USE**

**RESTRAINTS:**

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of runoff for at least 3 days after application.

**SPRAY DRIFT RESTRAINTS**

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations.

Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between three and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a MEDIUM spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas are observed (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers').

**Buffer zones for boom sprayers**

APPLICATION RATE	BOOM HEIGHT ABOVE THE TARGET CANOPY	MANDATORY DOWNWIND BUFFER ZONES		
		NATURAL AQUATIC AREAS	VEGETATION AREAS	LIVESTOCK AREAS
Up to maximum label rate	0.5 m or lower	15 metres	5 metres	Not required
	1-0 m or lower	50 metres	30 metres	10 metres

DO NOT apply by vertical sprayer.

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets are not smaller than a MEDIUM spray droplet size category.

- For maximum release height above the target canopy of 3 metres or 25 percent of wingspan or 25 percent of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas are observed (see the following table titled 'Buffer zones for aircraft').

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Cotton	Cotton Aphid ( <i>Aphis gossypii</i> )	Qld, NSW, WA, NT only	50-100 mL/ha	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. <b>Adjuvant:</b> Apply with 0.2% v/v organosilicone penetrant or the label rate of a non-ionic surfactant.
	Green Mirid ( <i>Creontiades dilutus</i> )		100 mL/ha	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. <b>Adjuvant:</b> Apply with 0.2% v/v organosilicone penetrant or the label rate of a non-ionic surfactant.
	Silverleaf Whitefly ( <i>Bemisia tabaci</i> Biotype B)	All States	340 mL/ha	eChem AceTam has activity on whitefly adults, nymphs and pupae and evidence of activity will be slower than typical contact insecticides. Apply eChem AceTam when whitefly first appears and prior to heavy populations becoming established in the crop. 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 eChem AceTam. DO NOT apply more than 2 sprays per crop per season. <b>Adjuvant:</b> Apply with 0.2% v/v organosilicone penetrant or the label rate of a non-ionic surfactant.
Potatoes	Green peach aphid ( <i>Myzus persicae</i> )	All States	200 mL/ha	Apply as a foliar spray when infestations reach a treatment (or economic) threshold. If repeat applications are required, alternate with products from a different insecticide group (refer to Green Peach Aphid Resistance Management under General Instructions). Do not apply more than 3 sprays per crop per season. <b>Adjuvant:</b> It is recommended that eChem AceTam 225 Insecticide be applied with a non-ionic wetter. Check manufacturer's directions for the appropriate use rate in horticultural crops.

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

## WITHHOLDING PERIODS:

### HARVEST:

**COTTON: DO NOT HARVEST FOR 10 DAYS AFTER APPLICATION.**

**POTATOES: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.**

### GRAZING:

**COTTON: DO NOT GRAZE OR CUT FOR STOCKFOOD.**

**POTATOES: DO NOT GRAZE OR CUT FOR STOCKFOOD.**

## GENERAL INSTRUCTIONS

### GROUP **4A** INSECTICIDE

### INSECTICIDE RESISTANCE WARNING

For insecticide resistance management, eChem AceTam 225 Insecticide is a Group 4A Insecticide. Some naturally occurring insect biotypes resistant to eChem AceTam 225 Insecticide 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 eChem AceTam 225 Insecticide and other Group 4A insecticides are used repeatedly. The effectiveness of eChem AceTam 225 Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, eChem (Australia) Pty Ltd accepts no liability for any losses that may result from the failure of eChem AceTam 225 Insecticide to control resistant insects. eChem AceTam 225 Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, eChem representative or local agricultural department agronomist.

### Cotton Aphid, Green Peach Aphid and Silverleaf Whitefly Resistance Management

If repeat applications are required, alternate eChem AceTam 225 Insecticide 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 eChem AceTam 225 Insecticide. Top up the spray tank to the required volume with clean water with the agitator running. Add the required quantity of organosilicone penetrant or non-ionic surfactant after mixing is complete and spray tank is filled to the required level. Maintain agitation while spraying.

### COMPATIBILITY:

eChem AceTam 225 Insecticide is compatible with mepiquat chloride, eChem Thidiazuron 500, eChem Thi-Ultra SC and DuPont\* Cottonquik\*. When eChem AceTam 225 Insecticide is added to DuPont Cottonquik + eChem Thidiazuron 500 + Oil for the first defoliation pass DO NOT add organosilicone penetrant to the mixture.

### APPLICATION:

#### Cotton

**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.

#### Potatoes

Apply by ground or aerial application methods in sufficient water to ensure thorough coverage of infested foliage.

### RE-ENTRY:

Do not enter treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing should be laundered each day.

### PRECAUTION:

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

## INTEGRATED PEST MANAGEMENT

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.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

## PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Moderately toxic to bees. Harmful to bee brood. Acetamiprid has systemic action. DO NOT spray while bees are actively foraging. DO NOT allow spray drift to flowering weeds or flowering crops in the vicinity of the treatment area. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift.

## 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 products.

## SAFETY DIRECTIONS:

Poisonous if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use, wash gloves, face shield or 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 swallowed, DO NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes hold open, flood with water for at least 15 minutes and see a doctor.

## SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for eChem AceTam 225 Insecticide is available from the supplier.

## CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions.

## Batch No.

## Date of Manufacture

## In an Emergency Dial 000 Police or Fire Brigade

\*1 Registered Trade Marks