

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

PROWLER 300
INSECTICIDE

ACTIVE CONSTITUENT: 300g/L CHLORPYRIFOS
(AN ANTICHOLINESTERASE COMPOUND)
SOLVENT: 228g/L LIQUID HYDROCARBONS

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| GROUP | 1B | INSECTICIDE |
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An ultra low volume water miscible formulation for control of *Helicoverpa* spp., mites, aphids and other insect pests of cotton as specified in the Directions For Use

CONTENTS: 20/200/500/1000 LITRES

NRA Approval No: 51624/0799

ChemAg Pty. Ltd. ACN 009 234 691
Suite 12, 11 Preston Street Como Western Australia 6152
Tel: (08) 9368 7474 Fax: (08) 9368 7475

DIRECTIONS FOR USE:**RESTRAINTS:** DO NOT apply if rain is expected within 6 hours of application.

| CROP | INSECT | RATE L/ha | STATE | CRITICAL COMMENTS |
|--------|--|------------|-----------------------|---|
| Cotton | Native Budworm (<i>Helicoverpa punctigera</i>) Cotton Bollworm (<i>H. armigera</i>) | 4 to 5 | NSW, QLD & WA only | Target sprays against brown eggs and newly hatched very Small (<3 mm) and small (3-8 mm) larvae. DO NOT apply More than two applications per season. If using consecutive Sprays, allow 7-10 day interval. |
| | Mites | 1 to 1.5 | | Use in mixture with pyrethroid as a preventative spray to Minimise the build up of mite populations. |
| | | 2.5 | | Apply to established mite populations. Regular sprays at 5-10 day intervals are needed for effective control once mites are Established in the crop. |
| | Cotton aphid | 0.5 to 0.7 | | Apply when pests first appear. Respray as indicated by Populations. Use high rate for heavy infestation. |
| | Cotton flea beetle Red Shouldered leaf beetle | 1.5 to 2.5 | | Apply as necessary. |
| | Pink spotted bollworm (<i>Pectinophora scutigera</i>) | 1.75 | QLD & WA only | To prevent infestation of bolls by larvae, apply when 10 to 15 Moths are trapped in moth traps on two consecutive nights. |

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

RE-ENTRY TO TREATED AREAS

Field Crops, tree crops and vines: Do not allow entry into treated crops until spray deposits have dried. If prior entry is required, limit duration of entry and wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Greenhouses: Do not allow entry into greenhouses until spray deposits have dried and treated areas are adequately ventilated. If prior entry is required limit duration of entry and wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), chemical resistant gloves and half-facepiece respirator. Clothing must be laundered after each day's use.

Cotton chippers: Do not allow entry into treated areas until spray deposits have dried. After this time, wear shoes, or boots, socks, long trousers, long sleeved shirt, gloves and hat.

WITHOLDING PERIOD:

COTTON: DO NOT harvest for 4 weeks after application.

COTTON: DO NOT graze or cut for stockfood for 4 weeks after application.

EXPORT ANIMAL FEED INTERVAL:

The Meat Research Corporation Residue Advisory Committee has recommended that an export animal feed interval is not required if this product is used in accordance with the specified withholding period.

GENERAL INSTRUCTIONS:

Application: Only apply Prowler 300 Insecticide through suitably calibrated spray equipment. Thorough cover of the crop is essential. For optimum results follow the application directions listed below.

Application in Water from the Ground or by Air.

Apply a minimum spray volume of 50 L/ha by ground rig or 20 L/ha by aircraft. Use nozzle configurations, which produce droplets with a volume median diameter (VDM) of 150-250 microns. Under conditions of low humidity and high temperatures adjust spray volume and droplet size upward. Do not spray when the temperature exceeds 28°C or when relative humidity is less than 40%. Best results are achieved when the temperature is below 25°C and the relative humidity is greater than 65%.

Ultra Low Volume Application by Air.

Apply undiluted Prowler 300 using Micronair AU5000 nozzles (or similar) with blade angles set to produce a droplet size of 100 micron VMD. Do not spray when the temperature exceeds 32°C or when relative humidity is less than 40%. Best results are achieved when the temperature is below 25°C and the relative humidity is greater than 65%.

MIXING INSTRUCTIONS:

This product may thicken when mixed with small quantities (approximately 10% v/v) of water. Should this occur, add an equal quantity of water to Prowler 300 and agitate to reduce the viscosity.

COMPATIBILITY:

Prowler 300 Insecticide is compatible with methomyl, parathion-methyl, deltamethrin, fenvalerate, cypermethrin, cyhalothrin and thiodicarb.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS:

Spray drift may occur under adverse meteorological conditions or from certain spray equipment. Do NOT allow spray to drift onto sensitive areas including, but not limited to, natural streams, rivers or waterways and human dwellings. Ensure spray drift does not contaminate adjacent crops. A spray drift management strategy such as those in the 'Best Management Practices Manual for Cotton Growers' or the 'Pilots and Operators Manual' should be applied. Prowler 300 Insecticide may cause reddening of cotton foliage especially when applied late in the growing season or when plants are stressed.

DO NOT re-apply to the same crop within 7 days (unless specifically recommended in the directions for use).

DO NOT apply if heavy rains or storms that are likely to cause surface runoff are forecast in the immediate area within two days of application.

DO NOT apply when irrigating, or to waterlogged soil, or while water remains on the surface or in furrows, unless tailwater is captured on farm.

DO NOT allow contaminated runoff water from treated paddocks to enter adjacent areas or water bodies. Runoff contaminated by irrigation events (tailwater) and a 25mm rainstorm should be captured on farm for two days after application.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

HIGHLY TOXIC TO BIRDS AND REPTILES. VERY HIGHLY TOXIC TO FISH AND AQUATIC INVERTEBRATES. DO NOT contaminate streams, rivers or waterways with the chemical, used containers or equipment rinsings. Ensure spray drift or irrigation water from treated paddocks does not contaminate adjacent crops or water supplies.

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

INSECTICIDE RESISTANCE WARNING

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| 1B |
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| INSECTICIDE |
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For insecticide resistance management Prowler 300 Insecticide is a Group 1B insecticide.

Some naturally occurring insect biotypes resistant to Prowler 300 Insecticide and other Group 1B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Prowler 300 Insecticide or other Group 1B insecticides are used repeatedly. The effectiveness of Prowler 300 Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, ChemAg Pty Ltd accepts no liability for any losses that may result from the failure of Prowler 300 Insecticide to control resistant insects.

Prowler 300 Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, ChemAg Pty Ltd representative or local agricultural department agronomist.

SMALL SPILL MANAGEMENT:

Wear appropriate clothing and protective equipment whilst cleaning up small spills (see Safety Directions). Apply absorbent material such as earth, sand, cat litter or clay granules to the spill. Sweep up material and contain in a refuse vessel for disposal. If spilled inside a building, wash contaminated surfaces to deactivate the Chlorpyrifos with a dilute solution of bleach (sodium hypochlorite), prepared according to the bleach label instructions.

Dispose of the contaminated material in accordance with Storage and Disposal Instructions below.

STORAGE AND DISPOSAL:

Store in the closed, original containers in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal and, if using with water, add rinsings to spray tank. If using as a ULV spray, do not add the rinsings to the spray tank as small amounts of water added to the concentrate can cause the solution to thicken. Dispose of these rinsings and rinse water resulting from cleaning spray equipment in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. 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 500mm 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.

SAFETY DIRECTIONS:

Product is poisonous if absorbed by skin contact, inhaled or swallowed. Repeat minor exposure may have a cumulative poisoning effect. Obtain an emergency supply of Atropine Tablets 0.6mg. Avoid contact with eyes and skin. DO NOT inhale vapour or spray mist. When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrists, a washable hat, elbow-length PVC gloves and a face shield or

goggles. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone: 131126).

If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs. If poisoned by skin absorption or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

Additional information is listed on the Material Safety Data Sheet (MSDS) for Prowler 300 Insecticide. Available upon request from the manufacturer.

CONDITIONS OF SALE:

ChemAg Pty Ltd accepts responsibility of the consistent quality of this product; however since application of this product is beyond the control of ChemAg Pty Ltd and since all conditions of application cannot be seen, ChemAg Pty Ltd accepts no responsibility whatsoever for any injury, damage, loss or other results following the use of this product whether used in accordance with directions or not; subject to any overriding statutory provision and provided that such liability under those provisions shall be limited to the replacement of the goods as supplied or the rendering again of the services that are provided. The buyer accepts and uses this material subject to these conditions.

UN No. 3018

ORGANOPHOSPHOROUS, PESTICIDE,
LIQUID, TOXIC, PKGIII HAZCHEM 2X

IN A TRANSPORT EMERGENCY ONLY
DIAL 000
FOR POLICE OR FIRE BRIGADE

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NRA Approval Number: 51624/0799

Date Of Manufacture:

Batch Number: