

POISON

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



COMMISSIONER 150 EC

INSECTICIDE

ACTIVE CONSTITUENT: 150 g/L INDOXACARB
SOLVENT: 420 g/L N-METHYL-2-PYROLLIDONE
SOLVENT: 320 g/L LIQUID HYDROCARBONS

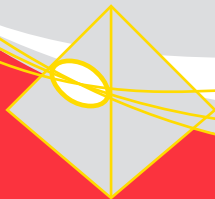
GROUP **22A** INSECTICIDE

For the Control of various species of insect pests in Azuki beans, Chickpeas, Faba beans, Mungbeans and Soybeans as per the Directions for Use.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

10 LITRES

APVMA Approval No. 82435/105729



TGAC Australia Pty Ltd
ACN 134 570 700
9 Heales Rd, Lara, Victoria 3212
Ph (03) 5274 2500 Fax (03) 4206 7012

www.austcrop.com.au

BN:

DOM:



COMMISSIONER 150 EC

INSECTICIDE

STORAGE AND DISPOSAL

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 spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean container 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. For returnable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. May irritate the nose and throat. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale vapour. When opening the container and preparing spray/ dip /other form and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves and goggles. If product in eyes, wash it out immediately with water after use. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting. Give a glass of water. If in eyes wash out immediately with water.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE

EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so TGAC Australia Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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DIRECTIONS FOR USE

Restraints

DO NOT apply if rain is expected within 2 hours of application, or if heavy dew is present on crops.

DO NOT apply when wind speed is less than 3 and greater than 20 kilometers per hour or during weather conditions when surface temperature inversions can develop.

DO NOT apply within 50m (aerial application) or 20m (ground application) when there are livestock, pasture or any land that is producing feed for livestock downwind from the application area.

DO NOT apply more than one (1) application per field for the crops entire growth cycle.

Crop	Pest	State	Rate	Critical Comments
Chickpeas Faba beans	Cotton bollworm (<i>H. armigera</i>) Native budworm (<i>H. punctigera</i>)	All States	300 mL/ha	Target brown eggs and hatchling (neonates or first instar) to small larvae (second instar) when they reach the economic spray threshold and before they become entrenched in flowers (particularly relevant to faba beans) or pods.
	Azuki beans Mungbeans Soybeans	Cotton bollworm (<i>H. armigera</i>) Native budworm (<i>H. punctigera</i>)		400 mL/ha
	Soybean looper (<i>Thysanoplusia orichalcea</i>)		200 mL/ha	Target hatchling (neonates or first instar) to small larvae (second instar) when they reach the economic spray threshold.
	Red shouldered leaf or Monolepta beetle (<i>Monolepta australis</i>) Soybeans only		200 mL/ha	Target adult beetles when they reach the economic spray threshold. Ensure thorough spray coverage.

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

WITHHOLDING PERIOD (WHP):

HARVEST

AZUKI BEANS, CHICKPEAS, FABA BEANS, MUNGBEANS, SOYBEANS: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

GRAZING

AZUKI BEANS, CHICKPEAS, FABA BEANS, MUNGBEANS, SOYBEANS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.

LIVESTOCK DESTINED FOR EXPORT MARKETS

The label withholding period for grazing only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that the Export Slaughter Interval or the Export Grazing Interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI): 28 DAYS - Livestock that have been grazing or fed treated crops and or over sprayed should be placed on clean feed for 28 days (4 weeks) prior to export slaughter.

GENERAL INSTRUCTIONS

The interaction of equipment and weather-related factors determines the potential for spray drift. The applicator must consider all these factors when making application decisions and determining off-target drift risks near the application. A spray drift minimization strategy, should be employed at all times when applying this product. APPLYING LARGER DROPLETS (volume median diameter (VMD) 150-250 microns) REDUCES DRIFT POTENTIAL, BUT WILL NOT MINIMISE DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVOURABLE ENVIRONMENTAL CONDITIONS. Larger droplets may reduce the effects of evaporation.

Mixing

Use only clean water. Half fill the spray tank with water and add the appropriate amount of **ACP COMMISSIONER 150 EC** directly to the spray tank, agitate and add Ovasyn® or amitraz 200 g/L EC, (if applicable), then completely fill the tank. Mix thoroughly and continue mechanical or hydraulic agitation.

Storage of spray mixture

Use the prepared spray immediately. If unforeseen conditions prevent immediate use of the Steward® EC spray mix, the mix may be stored up to 72 hours. Before use, thoroughly agitate the spray mix until fully resuspended. Mixtures of **ACP COMMISSIONER 150 EC** plus Ovasyn® or Amitraz 200 g/L EC should not be stored.

Application

Application equipment should be calibrated to apply at least sixty (60) droplets per cm² of target foliage. Droplet VMD should be of medium spray quality according to ASAE S572 definition for standard nozzles.

Ground application

Apply as a **blanket** spray or as a **banded** spray to all crops. Ensure thorough spray coverage on the foliage, using appropriate fan nozzles. Apply in a minimum spray volume of 100 L/ha and keep the boom low to avoid spray drift. A minimum spray pressure of 275 kPa (40 psi) should be used with fan nozzles applying insecticides. Higher pressure reduces droplet size, DOES NOT improve canopy penetration and may increase drift potential. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE. For band spraying, increase the number of fan nozzles per crop row as the plant size increases.

Aerial application

ACP COMMISSIONER 150 EC must only be applied with aircraft fitted with accurately calibrated equipment. Apply a minimum total spray volume of 30 L/ha with nozzles (e.g. Micronaire® rotary atomisers, CP nozzles or conventional hydraulic nozzles) set to medium spray quality according to ASAE S572 definition for standard nozzles. A spray drift minimisation strategy, should be employed at all times when applying this product.

DO NOT apply ACP COMMISSIONER 150 EC using Ultra Low Volume (ULV) methods.

Compatibility: Label instructions for all products must be observed

ACP COMMISSIONER 150 EC is compatible with Ovasyn® insecticide, Amitraz 200 g/L EC formulations and Pix® (mepiquat chloride). ACP COMMISSIONER 150 EC is not compatible with ultra low volume (ULV) formulations or the following foliar fertilisers: Supa® K 30, Zip® and Triple 7®. Since formulations may be changed and new ones introduced, it is recommended that users pre-mix a small quantity of the desired tankmix and observe possible adverse changes (settling out, flocculation etc).

Spray Equipment Cleanout

Only apply product using clean, well maintained equipment. Immediately following application, thoroughly clean all spray equipment to reduce risk of deposits forming that might become difficult to remove. Drain spray equipment into a disposal pit designed for this purpose. Thoroughly rinse sprayer and flush hoses, boom, and nozzles with clean water. Fill the sprayer with clean water and household ammonia (one litre of 3% active for every 100 L of water). Flush hoses, boom, and nozzles. Turn off boom and top off the tank with clean water. Circulate through the spraying system for at least 15 minutes. Flush the hoses, boom and nozzles and drain the tank. Remove and clean nozzles, screens, and strainers in a bucket of fresh ammonia and water. Thoroughly rinse the sprayer, hoses, boom and nozzles with clean water several times. Clean all other associated contaminated application equipment.

PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT apply when bees are actively foraging. Avoid direct application or drift of the spray mix onto beehives. After the spray has dried, bees can safely forage flowering crops.

AVOID SPRAY DRIFT ONTO ADJOINING PROPERTIES OR STOCK AREAS

Assess the treatment area before application to identify animal exposure risks. Avoid aerial application where possible. Observe the buffer zones for aerial and ground application. If unexpected conditions cause spray drift onto pasture or fodder crops that livestock may potentially graze or may be cut for livestock feed, seek advice from TGAC Australia Pty Ltd.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. **Retain irrigation water** and **DO NOT** allow the chemical to enter adjacent paddocks, crops or water supplies.

PROTECTION OF NON-TARGET BENEFICIAL INSECTS

Beneficial insects contribute to control of secondary pest outbreaks. ACP COMMISSIONER 150 EC applications are unlikely to affect spiders and lacewings. Applications MAY temporarily reduce populations of predatory beetles, transverse ladybirds, ants and pirate bugs, but populations quickly recover.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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

PRECAUTION

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

RE-ENTRY PERIOD

DO NOT allow entry into treated areas until spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrists, a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.

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INSECTICIDE RESISTANCE WARNING

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For insecticide resistance management **ACP COMMISSIONER 150 EC Insecticide** is a Group 22A insecticide. Some naturally occurring insect biotypes resistant to **ACP COMMISSIONER 150 EC Insecticide** and other Group 22A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if **ACP COMMISSIONER 150 EC Insecticide** and other Group 22A insecticides are used repeatedly. The effectiveness of **ACP COMMISSIONER 150 EC Insecticide** on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, TGAC Australia Pty Ltd. Limited accepts no liability for any losses that may result from failure of **ACP COMMISSIONER 150 EC Insecticide** to control resistant insects. **ACP COMMISSIONER 150 EC Insecticide** may be subject to specific resistance management strategies. For further information contact your supplier, TGAC Australia Pty Ltd representative or local agricultural department agronomist.

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