

POISON

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

KENSO AGCARE

INDY 150 OD

INSECTICIDE

**ACTIVE CONSTITUENT: 200 g/L indoxacarb (3:1), sufficient to give
150 g/L of the active S-indoxacarb isomer**

GROUP 22A INSECTICIDE

For the control of various species of insect pests in Adzuki beans, Chickpeas, Cotton,
Faba beans, Mung beans and Soybeans and Lepidopteran species of insect pests
in certain vegetable crops as per the Directions for Use.

Kenso Corporation (M) Sdn Bhd
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188
www.kenso.com.au



IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 10 Litres APVMA Approval No.: 88131/ 123799

KENSO AGCARE INDY 150 OD 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.

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

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. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrists (or equivalent clothing) and, a washable hat and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from www.kenso.com.au.

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such

responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency
Dial **000**
Police or Fire Brigade



Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **HARMFUL IF SWALLOWED. MAY CAUSE AN ALLERGIC SKIN REACTION. HARMFUL IF INHALED. CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.** *Precautionary:* Do not breathe dust/fume/gas/mist/vapours/spray. Wash contacted area thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Get medical advice/ attention if you feel unwell. Specific treatment (see FIRST AID on this label). Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Batch No.:

Date of Manufacture:

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

KENSO
agcare

**INDY 150
OD**

Insecticide

Active Constituent: 200 g/L indoxacarb (3:1), sufficient to give 150 g/L of the active S-indoxacarb isomer

GROUP 22A INSECTICIDE

For the control of various species of insect pests in Adzuki beans, Chickpeas, Cotton, Faba beans, Mung beans and Soybeans and Lepidopteran species of insect pests in certain vegetable crops as per the Directions for Use.

READ THIS LEAFLET BEFORE USE

APVMA Approval No.: 88131/123799



Kenso Corporation (M) Sdn. Bhd.
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188

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 Kenso Agcare 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. Kenso Agcare Indy 150 OD Insecticide 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. Refer to the Product Use section above and the cotton industry's Best Management Practice Manual to manage spray drift during application.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage. 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. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrists (or equivalent clothing) and, a washable hat and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from www.kenso.com.au.

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency
Dial **000**
Police of Fire Brigade

* is not a registered trademarks of Kenso Corporation (M) Sdn Bhd



Kenso Corporation (M) Sdn. Bhd.
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188

APVMA Approval No.: 88131/123799

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 kilometres an hour or during weather conditions when surface temperature inversions can develop.
DO NOT apply within 50 m (aerial application) or 20 m (ground application) when there are livestock, pasture or any land that is producing feed for livestock downwind from the application area.
DO NOT apply within 20 m upwind of water bodies.
DO NOT apply by aircraft – Brussels' sprout, cabbage only.

COTTON

DO NOT apply more than three (3) applications per field in any one cotton growing season and no more than two (2) consecutive sprays per field per season. Applications must be a minimum of seven days apart.
DO NOT treat cotton plants with greater than 30% open bolls.
DO NOT apply within 600m (aerial) or 200m (ground), of neighbouring arable land.

ADZUKI BEANS, CHICKPEAS, FABA BEANS, MUNG BEANS, SOYBEANS

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

ENSURE YOU READ THE PROTECTION STATEMENTS BEFORE APPLYING THE PRODUCT.

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Brussels sprouts, Cabbage (closed head varieties only)	Cabbage white butterfly (<i>Pieris rapae</i>) Cotton bollworm (<i>Helicoverpa armigera</i>) Native budworm (<i>Helicoverpa punctigera</i>)	All States	340 mL/ha	Use in accordance with AIRAC Insecticide Resistance Management Strategy guidelines. Apply as egg and larvae reach threshold numbers. Contact the local Department of Agriculture or consultant for further information on management of Diamondback moth. Thorough coverage is essential. Adjust water volumes to crop stage (200 – 1000 L/ha). Refer to Surfactant/Wetting agent section. For Cabbage Center Grub time sprays early to ensure larvae are exposed to treatment before they become entrenched in protected feeding sites. For best results, it is recommended that up to 3 applications of Kenso Agcare Indy 150 OD Insecticide be made sequentially as thresholds dictate. A maximum of 4 applications can be made to any one crop. DO NOT retreat within seven (7) days. Further treatment should be made with alternative mode of action insecticides.
	Cluster caterpillar (<i>Spodoptera litura</i>) Cabbage center grub (<i>Hellula hydralis</i>) Diamondback moth (<i>Plutella xylostella</i>)		500 mL/ha	

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Cotton	Cotton bollworm (<i>Helicoverpa armigera</i>) Native budworm (<i>H. punctigera</i>)	NSW, NT, Qld and WA only	650 mL/ha or 850 mL/ha	<p>Use the lower rate of Kenso Agcare Indy 150 OD Insecticide when:</p> <ol style="list-style-type: none"> <i>H. armigera</i> specific field levels are less than or equal to 60 % prior to treatment application AND egg and larvae pressure ARE AT 5 – 10 brown eggs and 2 very small (first instar) or small larvae (second instar) per 10 cotton terminals AND where preservation of beneficial insects is desirable. <p>Use the higher rate of Kenso Agcare Indy 150 OD Insecticide when:</p> <ol style="list-style-type: none"> <i>H. armigera</i> specific field levels are greater than 60 % prior to treatment application AND egg and larvae pressure ARE AT 5 – 15 brown eggs and 2 very small (first instar) or small larvae (second instar) per 10 cotton terminals AND where preservation of beneficial insects is desirable.
	Cotton bollworm (<i>Helicoverpa armigera</i>) Native budworm (<i>H. punctigera</i>)		650 mL/ha + 2 L/ha 200 g/L amitraz EC formulation)	
Cotton	Green mirid (<i>Creontiades dilutus</i>)	NSW, NT, Qld and WA only	650 mL/ha or 850 mL/ha or 300 or 400 mL/ha + salt (NaCl) at 5 g/L spray volume by ground (100 L/ha) or 10 g/L spray volume by air (30 L/ha).	<p>Target nymphs and/or adults when they reach the economic spray threshold. Use 650 or 850 mL/ha when controlling <i>Helicoverpa</i> spp. AND green mirid. Refer Heliiothis recommendations. Use 300 or 400 mL/ha + salt when controlling green mirid ONLY. Use the higher rate on infestations exceeding economic spray threshold levels and/or large canopy crops. Under high populations suppression only may be observed. Note: Kenso Agcare Indy 150 OD Insecticide has limited residual activity in controlling new infestations of green mirid (either new hatchings of nymphs or influx of adults) post-spray.</p>

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Chickpeas Faba beans	Cotton bollworm (<i>Helicoverpa 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.
Adzuki beans Mung beans Soybeans	Cotton bollworm (<i>Helicoverpa armigera</i>) Native budworm (<i>H. punctigera</i>)	All States	400 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 or pods.
	Mirid complex: Green mirid (<i>C. dilutes</i>) Brown mirid (<i>C. pacifus</i>) Crop mirid (<i>Sidnia kingbergii</i>) Yellow mirid (<i>Campylomma liebknechti</i>)		400 mL/ha + salt (NaCl) at 5 g/L spray volume by ground (100 L/ha) or 10 g/L spray volume by air (30 L/ha).	Target nymphs and/or adults when they reach the economic spray threshold. Under high populations suppression only may be observed. Note: Kenso Agcare Indy 150 OD Insecticide has limited residual activity in controlling new infestations of mirid (either new hatchings of nymphs or influx of adults) post-spray.
	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 PERIODS (WHP)

HARVEST

BRUSSELS SPROUTS, CABBAGE: DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST.

COTTON: DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.

ADZUKI BEANS, CHICKPEAS, FABA BEANS, MUNG BEANS, SOYBEANS: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

GRAZING

BRUSSELS SPROUTS, CABBAGE: DO NOT ALLOW LIVESTOCK TO GRAZE CROPS OR VEGETABLES WASTE THAT HAD BEEN TREATED WITH KENSO AGCARE INDY 150 OD INSECTICIDE.

COTTON: DO NOT ALLOW LIVESTOCK TO GRAZE CROPS, COTTON STUBBLE OR GIN TRASH TREATED WITH KENSO AGCARE INDY 150 OD INSECTICIDE.

ADZUKI BEANS, CHICKPEAS, FABA BEANS, MUNG BEANS, 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 Intervals is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI): 28 DAYS Livestock that have been grazing on 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

Kenso Agcare Indy 150 OD Insecticide is an oil based suspension concentrate formulation.

Kenso Agcare Indy 150 OD Insecticide should be applied after careful field monitoring of pest populations of eggs and larvae to determine the need for application, the correct timing of the initial application and of any subsequent applications. For cotton only, subsequent applications are dependent on economic thresholds, as well as the growth rate of new unprotected cotton terminals.

For *Helicoverpa* species, spray applications should be timed to coincide with egg hatching and before larvae are entrenched in protected feeding sites.

Kenso Agcare Indy 150 OD Insecticide is particularly active on Lepidopteran insect pests, primarily as a larvicide.

Before application, monitor insect populations to determine whether or not there is a need for application of Kenso Agcare Indy 150 OD Insecticide based on locally determined economic thresholds. More than one treatment of Kenso Agcare Indy 150 OD Insecticide may be required to control a population of pests.

Kenso Agcare Indy 150 OD Insecticide has been specifically designed for use in Integrated Pest Management schemes. The active ingredient, Indoxacarb, enters larvae primarily by ingestion of treated foliage, or through penetration of the insect cuticle. After ingesting Kenso Agcare Indy 150 OD Insecticide, the larvae cease feeding and die three to five days later. Kenso Agcare Indy 150 OD Insecticide does not give traditional larval 'knockdown' control but controls nominated larvae species giving superior:

- square, flower and boll protection in cotton OR
- foliage, flower and pod protection in chickpeas, faba beans, mung beans or soybeans

PRODUCT USE

The interaction of many 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 Kenso Agcare Indy 150 OD Insecticide directly to the spray tank. Agitate and add amitraz 200 g/L EC (if applicable), then completely fill the tank with water. Mix thoroughly and continue mechanical or hydraulic agitation.

Surfactant/Wetting Agent

Brussels' sprouts, cabbage: Use a non-ionic surfactant/wetting agent at 75g active/100L, (eg Agral 600* @125mL/100L or Citowett* @ 75mL/100L).

Storage of spray mixture

Use the prepared spray immediately. If unforeseen conditions prevent immediate use of the Kenso Agcare Indy 150 OD Insecticide spray mix, the mix may be stored up to 72 hours. Before use, thoroughly agitate the spray mix until fully resuspended. Mixtures of Kenso Agcare Indy 150 OD Insecticide plus 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

Kenso Agcare Indy 150 OD Insecticide must only be applied with aircraft fitted with accurately calibrated equipment. Apply a minimum total spray volume of 30 L/ha with nozzles (eg 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 Kenso Agcare Indy 150 OD Insecticide using Ultra Low Volume (ULV) methods.

Compatibility – label instructions for all products must be observed.

Kenso Agcare Indy 150 OD Insecticide is compatible with amitraz 200 g/L EC formulations and Kenso Agcare Mepiquat Plant Growth Regulator. Kenso Agcare Indy 150 OD Insecticide is not compatible with ultra low volume (ULV) formulations or certain fertilisers. 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).

Salt

When the addition of salt is indicated in the Directions for Use table, Kenso Agcare Pty Ltd recommends the use of salt from the following sources: Table or cooking salt, Pool salt, or salt approved for use in livestock feed eg Cheatham RAM (No.2) Dried Fine Salt, Olsson's Kiln Dried Course Refined Salt.

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.

INSECTICIDE RESISTANCE WARNING

GROUP 22A INSECTICIDE

For insecticide resistance management, Kenso Agcare Indy 150 OD Insecticide is a Group 22A insecticide. Some naturally occurring insect biotypes resistant to Kenso Agcare Indy 150 OD 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 Kenso Agcare Indy 150 OD Insecticide or other Group 22A insecticides are used repeatedly. The effectiveness of Kenso Agcare Indy 150 OD Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Kenso Agcare Pty Ltd accepts no liability for any losses that may result from the failure of Kenso Agcare Indy 150 OD Insecticide to control resistant insects. Strategies to minimise the risk of insecticide resistance are available. To help prevent the development of resistance to Kenso Agcare Indy 150 OD Insecticide observe the following instructions:

- Use Kenso Agcare Indy 150 OD Insecticide in accordance with the current Insecticide Resistance Management (RM) strategy for your region.
- Cultivate all cotton fields as soon as possible after picking to destroy overwintering pupae of *Helicoverpa armigera*.

For further information contact your local supplier, Kenso Agcare Pty Ltd representative or local agricultural department agronomist or refer to current management strategies provided by CropLife Australia.

PRECAUTIONS

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.