

Product Name: Intrepid Edge Jemvelva active Insecticide
APVMA Approval No.: 92062/139966



Label Name:	Intrepid Edge Jemvelva active Insecticide
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS: 300 g/L METHOXYFENOZIDE 60 g/L SPINETORAM
Mode of Action:	GROUP 18 5 INSECTICIDE
Statement of Claims:	For the control of certain insect pests in chickpeas, mung beans and maize as specified in the Directions for Use.
Net Contents:	1 L - 100 L
Restrains:	This section contains file attachment.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	HARVESTING WITHHOLDING PERIODS: Chickpeas, mung beans: NOT REQUIRED WHEN USED AS DIRECTED Maize: DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION

GRAZING AND STOCKFOOD WITHHOLDING PERIODS:

Chickpeas and mung beans:

Grazing or cutting for meat production: DO NO GRAZE OR CUT FOR STOCKFEED FOR 14 DAYS AFTER APPLICATION.

Grazing or cutting for milk production (forage): DO NOT FEED OR ALLOW LACTATING DAIRY ANIMALS PRODUCING MILK FOR HUMAN CONSUMPTION TO GRAZE TREATED PULSE OR LEGUME VEGETABLE FORAGE.

Grazing or cutting for milk production (fodder, i.e. hay or straw): DO NOT GRAZE OR CUT FODDER FOR STOCKFEED FOR LACTATING DAIRY ANIMALS FOR 14 DAYS AFTER APPLICATION.

Maize: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 14 DAYS AFTER APPLICATION

Trade Advice:

TRADE ADVICE: Intrepid Edge® may leave detectable chemical residues in harvested produce. Overseas markets may not have appropriate residue tolerances in place or may have established tolerances which are lower than Australian maximum residue limits. Some crops for export to these destinations may require a longer harvesting withholding period. If you are using this product on crops destined for export, please contact your exporter for advice.

LIVESTOCK DESTINED FOR EXPORT MARKETS

To ensure compliance with residue standards in export markets, comply with the above grazing withholding periods and then ensure that the Export Slaughter Interval (ESI) is observed before stock are sold or slaughtered.

Export Slaughter Interval:

Chickpeas, mung beans: 7 days

Maize: Not required

This means that livestock that have grazed on or were fed treated crops should be placed on clean feed for at least the periods stated above prior to slaughter.

General Instructions:

MIXING

Intrepid Edge® is a suspension concentrate (SC) formulation.

Agitate or shake the container immediately prior to use. Half-fill the spray tank with water, add the appropriate amount of accurately measured Intrepid Edge®, then complete filling the tank. Ensure thorough agitation at all times during mixing and application, by either mechanical or hydraulic action. Only use clean water within the range pH 5-9 to dilute Intrepid Edge®.

COMPATIBILITY

Intrepid Edge® is compatible with most herbicides, fungicides and insecticides. Always conduct a bucket test to confirm physical compatibility. Always follow the instructions on both products and, if in any doubt, consult Corteva Agriscience, your agronomist or consultant or the maker of the other product.

Chickpeas and mungbeans: The addition of a spray adjuvant such as a non-ionic surfactant may improve control under certain conditions

STORAGE OF DILUTED SPRAY MIX

- Whenever possible the spray mix should be used immediately after it is prepared. However, if weather conditions or mechanical breakdown prevent immediate use, the spray mix may be stored for up to 72 hours without loss of activity.
- The spray mix should be agitated thoroughly by mechanical or hydraulic action at regular intervals during storage to prevent sedimentation. Ensure that the stored spray mix is thoroughly agitated at least once every 8 hours.
- The spray mix must be stored out of direct sunlight.

APPLICATION

Thorough coverage of the crop is essential. DO NOT apply when conditions are unsuitable for water-based spray applications. Avoid high temperature, strong winds, inversion conditions, imminent rain or any conditions that may reduce the quality of spray coverage or result in drift from the target area.

For optimum results follow the application specifications listed below:

- Ground Spraying: Apply in a minimum of 80 L/ha of water. Increase spray volumes as the crop grows.

	<p>DO NOT apply Intrepid Edge® using Ultra Low Volume (ULV) methods.</p> <p>RAINFASTNESS</p> <p>Intrepid Edge® is rainfast once dry. Rain can wash Intrepid Edge® from treated plant surfaces and result in reduced efficacy. Avoid making spray applications if rain is expected before the spray can dry completely. Where Intrepid Edge® is applied in tankmix, use the longer of the partner products rainfast periods to determine when to apply to avoid rain.</p> <p>CLEANING SPRAY EQUIPMENT</p> <p>After using Intrepid Edge® empty the tank and completely drain the system. Rinse the tank, pumps, lines, hoses, filters and nozzles by circulating clean water through the system. Drain and repeat the rinsing procedure twice.</p>
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Resistance Warning:	<p>For insecticide resistance management, Intrepid Edge® Jemvelva® active Insecticide is both a Group 5 insecticide and a Group 18 insecticide. Some naturally occurring insect biotypes resistant to Intrepid Edge and other Group 5 or Group 18 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Intrepid Edge or other Group 5 insecticides and Group 18 insecticides are used repeatedly. The effectiveness of Intrepid Edge on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Corteva Agriscience Australia Pty Ltd accepts no liability for any losses that may result from the failure of Intrepid Edge to control resistant insects. Intrepid Edge may be subject to specific resistance management strategies. For further information contact your local supplier, Corteva Agriscience representative or local agricultural department agronomist.</p>
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Precautions:	<p>Re-entry period: A re-entry statement is NOT required.</p>
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Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p> <p>PROTECTION OF HONEY-BEES AND OTHER INSECT POLLINATORS</p> <p>Highly toxic to bees. DO NOT apply to crops from the onset of flowering until flowering is complete unless the application is made in the time period between 2 hours prior to sunset and 8 hours prior to sunrise. 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.</p> <p>INTEGRATED PEST MANAGEMENT</p> <p>Risk to non-target insects. This product may have adverse effects on some non-target beneficials, such as foliage dwelling predators, particularly where IPM is practiced.</p>
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Storage and Disposal:	<p>Store in the closed, original container in a cool well-ventilated area. Do not store for prolonged periods in direct sunlight.</p> <p>Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site.</p> <p>This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management site. The cap should not be replaced but may be taken separately.</p> <p>If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal 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.</p>
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	DO NOT burn empty containers or product.
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Safety Directions:	May irritate the eyes. Avoid contact with eyes. Wash hands after use.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: Australia 13 11 26.
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First Aid Warnings:	
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RESTRAINTS

DO NOT spray across open bodies of water.

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

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

DO NOT allow irrigation water from treated paddocks to enter adjacent pastures, crops or water supplies.

DO NOT apply if rain or overhead irrigation is expected within 6 hours. Retain the first flush of irrigation tailwater / storm water in the tailwater dam after application.

DO NOT use in covered or protected situations such as glasshouses, greenhouses, shade houses or plastic tunnels.

DO NOT apply using Ultra Low Volume methods.

DO NOT apply by aircraft.

DO NOT apply by a vertical sprayer.

DO NOT apply more than two (2) applications to each crop.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at 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 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 3 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.

Boom sprayers

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

- Spray droplets 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				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 500 mL/ha	0.5 m or lower	0 metres	10 metres	0 metres	0 metres	0 metres
	1.0 m or lower	0 metres	35 metres	10 metres	0 metres	30 metres

DIRECTIONS FOR USE

Carefully monitor crops for eggs and larvae of pest species by regularly scouting fields. Apply at the first signs of infestation so as to target sprays against mature eggs and newly hatched larvae when numbers exceed spray threshold.

Intrepid Edge® works by contact activity and ingestion. Ensure satisfactory application. Effected larvae will stop feeding immediately; although, it may take several days for them to die. It is critical to target mature eggs and newly emerged larvae as large larvae, entrenched larvae, or larvae not actively feeding may not be satisfactorily controlled.

CROP	PEST	RATE (mL/ha)	CRITICAL COMMENTS
Chickpeas Mung beans	Heliiothis (<i>Helicoverpa</i> spp.) Cotton bollworm (<i>Helicoverpa armigera</i>) Native budworm (<i>Helicoverpa punctigera</i>)	300 - 350	Use the low rate against light Heliiothis infestations and the higher rate when infestations are heavy. Avoid applications over flowering when bees are actively foraging. Product can be applied twice up to early pod development. DO NOT apply after early pod development.
Maize	Fall armyworm (<i>Spodoptera frugiperda</i>)	500	Product can be applied twice, 7 days apart. Apply when fall army worm exceed spray thresholds anytime during crop development up to 28 days prior to harvest.

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