

Product Name: IMTRADE EDGE 500 SC HERBICIDE
APVMA Approval No: 64478/141041



Label Name:	IMTRADE EDGE 500 SC HERBICIDE
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENT: 500 g/L PROPYZAMIDE SOLVENT: 42 g/L ETHYLENE GLYCOL
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Mode of Action:	GROUP 3 HERBICIDE
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Statement of Claims:	For selective control of certain grasses and broadleaf weeds in Canola, Mustard, Winter Grain Legumes, Legume Seed Crops and Pastures, Chicory, Endive, Radicchio, Lettuce, Sports Turf, Home Lawns, and Pyrethrum crops as per the Directions for Use table.
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Net Contents:	250 mL - 1000 L
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Restrains:	<p>SPRAY DRIFT RESTRAINTS</p> <p>Specific definitions for terms used in this section of the label can be found at www.apvma.gov.au/spraydrift</p> <ul style="list-style-type: none">• 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. 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 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.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	<p>CANOLA and MUSTARD Harvest: NOT REQUIRED WHEN USED AS DIRECTED. Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 12 WEEKS AFTER APPLICATION.</p> <p>WINTER GRAIN LEGUMES Harvest: NOT REQUIRED WHEN USED AS DIRECTED Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 12 WEEKS AFTER APPLICATION.</p> <p>CHICORY, ENDIVE, RADICCHIO HARVEST: NOT REQUIRED WHEN USED AS DIRECTED. GRAZING: DO NOT GRAZE.</p> <p>ALL OTHER CROPS DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD OR FOR SEED FOR 25 DAYS AFTER APPLICATION.</p>
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Trade Advice:	
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General Instructions:	This section contains file attachment.
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Resistance Warning:	<p>RESISTANT WEEDS WARNING GROUP 3 HERBICIDE EDGE 500 SC is a member of the benzamide group of herbicides with inhibitors of microtubule assembly mode of action. For weed resistance management EDGE 500 SC is a Group 3 Herbicide. Some naturally occurring weed biotypes resistant to EDGE 500 SC and other Group 3 Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if EDGE 500 SC or other Group 3 Herbicides are used repeatedly. These resistant weeds will not be controlled by EDGE 500 SC or other Group 3 Herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Imtrade CropScience accepts no liability for any losses that may result from the failure of EDGE 500 SC to control resistant weeds.</p>
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Precautions:	
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Protections:	<p>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 susceptible plants/crops, cropping lands or pastures.</p> <p>PROTECTION OF LIVESTOCK</p>
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DO NOT graze sheep on treated areas or feed to poultry or pigs.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

Storage and Disposal:

The method of disposal of the container depends on the container type. Read the Storage and Disposal instructions on the label that is attached to the container.

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

All other non-refillable containers

Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemical 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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 and product. DO NOT re-use empty container for any other purpose.

Envirodrum - Micro Matic Valve (110L)

Store the original sealed Envirodrum in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any other foreign matter. After each use of the product please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase.

Refillable Containers (1000L only)

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

Safety Directions:

May irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray and using the prepared spray, wear cotton overalls over normal clothing, buttoned to the neck and wrist, 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 Instructions:

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

First Aid Warnings:

DIRECTIONS FOR USE

Crops	Weeds Controlled	State	Rate	Critical Comments
BROADACRE CROPS				
Canola and Mustard (Oilseed Cultivars, <i>Brassica juncea</i>)	Annual Ryegrass, Barley Grass, Canary Grass, Great Brome,	All States	1L/ha	Incorporate by sowing (IBS) when weeds are at the pre-emergent stage.
Chickpeas, Faba Beans, Field Peas, Lentils, Lupins	Prairie Grass, Rat's Tail Fescue, Silver Grass, Squirrel Tail Fescue, Wild Oats, Winter Grass	All States	1 – 1.5L/ha	Incorporate by sowing (IBS) when weeds are at the pre-emergent stage. Use rates towards the higher end of the range on heavy soils, if conditions are not optimal or where a heavy grass population is expected.
			1.5L – 2L/ha	
Legume Pastures (including Lucerne, Clover, Medics etc., grown for Forage, Hay or Seed Production)	Bent Grass, Blackberry Nightshade, Chickweed, English Couch, Patterson's Curse, Perennial Ryegrass, Seedling Sorrel, Seedling Wireweed, Wild Oats, Yorkshire Fog Grass	NSW, ACT, SA, WA, Tas only	1 - 1.5L/ha	SEEDLING CROPS: Apply after the third trifoliolate leaf is fully developed. ESTABLISHED CROPS: Apply any time before the end of July. WEEDS: Apply when weeds are at post or pre-emergent states. BEST RESULTS: When applied during cool and moist conditions. Rain or irrigation is necessary to thoroughly wet the top 3 to 4 cm of soil. This is similar to 25 mm rain. Use rates towards the higher end of the range on heavy soils, if conditions are not optimal or where a heavy grass population is expected. Grazing or cutting PRIOR to treatment is recommended.
			1.5 – 2L/ha	
Chicory, Endive and Radicchio	Grass and broadleaf weeds including Barnyard Grass, Summer Grass, Winter Grass, Rye Grass and Portulaca, Prince of Wales Feather, Blackberry Nightshade, Chickweed, Nettles, Shepherd's Purse, Wireweed	All States	3.4L in 330-500L water	Direct sown crops – Apply pre-emergence immediately after sowing. To ensure best results, the seed bed should be well prepared and free from clods. Sprinkler irrigation after application is desirable. Transplanted crops – Apply immediately after transplanting to clean freshly worked soils, well prepared and free from clods. Sprinkler irrigation after application is desirable.
VEGETABLES				
Lettuce (Direct Sown)	Barnyard Grass, Blackberry Nightshade, Chickweed, Portulaca, Winter Grass, Ryegrass, Summer Grass, Wireweed, Prince of Wales Feather, Shepherd's Purse, Nettles	All States	4.5L/ha in 330 - 550L	Apply pre-emergent, immediately after sowing. For best results, prepare the seed bed free from clods. Sufficient irrigation to wet the top 3 to 4 cm of soil should be applied within 24 hours.
Lettuce (Transplanted)				Apply immediately after transplanting. For best results, prepare the seed bed free from clods. Sufficient irrigation to wet the top 3 to 4 cm of soil should be applied within 24 hours.
		Vic only	2.3L/ha in 300 - 550L	Apply on light sandy soils, low in organic matter.

Crops	Weeds Controlled	State	Rate L/ha	Critical Comments
TURF AND LAWNS				
Turf & Lawns Common Couch	Winter Grass	All States	1.2L/ha (12 mL/100m ²)	Rate/ Bowling Green 37 x 37m
				170 mL
Queensland Blue Couch		Qld only	0.6L/ha (6 mL/100m ²)	85 mL
Buffalo Grass		WA only	1.2L/ha (12 mL/100m ²)	170 mL
<p>Apply during the Autumn and Winter, if established turf is infested with seedling Winter Grass.</p> <p>Ensure a uniform coverage. Irrigate immediately after application with 12-25 mm irrigation or rain and again 24 hours later. Repeat treatment if necessary on Queensland Blue Couch after 4 weeks.</p> <p>DO NOT RESEED FOR 60 DAYS AFTER TREATMENT.</p> <p>Use ONLY on established turf. DO NOT use on Bluegrass, Ryegrass, Fescue or Bent Grass Lawns.</p>				

Crops	Weeds Controlled	State	Rate L/ha	Critical Comments
Pyrethrum crops (<i>Tanacetum cinerariifolium</i>)	Annual Ryegrass	All States	2.5 – 4.5L apply in a spray volume of 330- 550L/ha	<p>Apply only in crops where there is evidence of Group 1 or 2 herbicide resistant Ryegrass (HRR).</p> <p>Apply a maximum of 2 foliar applications per season at a minimum interval of 30 days.</p> <p>Crop may be treated either at pre-emergence stage, or at post-emergence stage any time after the third leaf has fully developed.</p> <p>Best results are obtained when the product is applied during cool moist conditions. Rain or irrigation is necessary to thoroughly wet the top 3 to 4 cm of soil. This is similar to 25 mm of rain. Use low rate for light, sandy type soils. Use higher rate on heavier soils, if conditions are not optimal, or where a heavy grass population is expected.</p> <p>Grazing or cutting of crop before treatment is recommended.</p>

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

GENERAL INSTRUCTIONS

Best results are obtained by applying EDGE 500 SC to cool, wet soil.

MIXING

Prior to pouring, shake container vigorously, then add the required quantity of EDGE 500 SC Herbicide to water in the spray vat while stirring or with agitators in motion. DO NOT mix with other pesticides.

SEED PLACEMENT & EQUIPMENT

Crop seed should ideally be sown below the applied band of EDGE 500 SC to avoid reduced plant vigour. Sowing with knife points and press wheels is regarded as the safest sowing configuration when using EDGE 500 SC. Crop safety when using disc seeding systems is variable based on seed placement. EDGE 500 SC should be applied prior to sowing and incorporated by sowing using either knife point and press-wheel planter or by full disturbance cultivation with trailing harrows. Incorporation with a knife point and press-wheel planter may result in reduced weed control in the drill row. If using a knife point and press-wheel planter, adjust working speed to avoid excessive soil throw into the adjoining seeding row. Weeds germinating from depth, weeds about to emerge or emerged weeds not controlled by knockdown herbicides may not be controlled by EDGE 500 SC.

Caution: The potential for Canola and Mustard seedling damage may occur on:

- light soils with low organic matter if heavy rainfall follows sowing,
- dry sown Canola and Mustard crops treated with EDGE 500 SC after heavy rain events.

CROP ROTATION RECOMMENDATIONS

EDGE 500 SC is predominantly broken down in the soil through microbial degradation. Microbial activity is typically favoured by moist and warm aerobic soils. Minimum re-cropping intervals for EDGE 500 SC have been recommended to minimise the risk of damage to rotational crops (see table below). However, considerable variations in environmental, edaphic and agronomic factors affecting the soil microbial activity, mean that it is not possible to absolutely eliminate all risks and potential for damage to following crops.

Crop	Re-cropping Interval Recommendation
Cereals (Wheat, Barley, Oats and Triticale)	9 months ^
Canola, Mustard, Winter Grain Legumes (including Lentils, Lupins, Chickpeas, Faba Bean and Field Peas)	Can be sown into soil treated with EDGE 500 SC in a failed crop scenario, however EDGE 500 SC (or any other propyzamide products) should not be applied prior to sowing the replacement crop (i.e. twice in one growing season).

^Provided there has been sufficient rainfall (estimated >250mm) over summer to support microbial activity and degradation of EDGE 500 SC. Conditions that aren't conducive to adequate soil microbial degradation may result in extended re-cropping intervals. For advice on crops and situations not mentioned above, contact Imtrade CropScience.