

Product Name: SHARDA LINURON 500 WP HERBICIDE
APVMA Approval No: 89513/125113



Label Name:	SHARDA LINURON 500 WP HERBICIDE
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Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	500 g/kg LINURON
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Mode of Action:	GROUP C HERBICIDE
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Statement of Claims:	For the selective weed control in carrots, coriander, parsnips, cereals, onions, potatoes, soybeans, sweet corn and maize as per the Directions for Use table.
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Net Contents:	1-20 kg
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Restraints:	This section contains file attachment.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	WITHHOLDING PERIODS CARROTS, CORIANDER: DO NOT HARVEST FOR 10 WEEKS AFTER APPLICATION. BARLEY, MAIZE, OATS, ONIONS, PARSNIPS, POTATOES, SWEETCORN, SOYBEANS, WHEAT: NOT REQUIRED WHEN USED AS DIRECTED.
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>This product is a foliar absorbed and residual herbicide i.e. it controls weeds present at application by absorption through the foliage and subsequent germination of weeds through root absorption. For best results, apply to well cultivated, weed-free surface which is free of trash and clods. DO NOT cultivate after application of the product as weed control may be reduced and/or crop injury may result.</p> <p>EQUIPMENT & MIXING INSTRUCTIONS</p> <p>Sharda Linuron 500 WP Herbicide is a WP formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Measure the amount of product required as indicated in the directions for use table. Add this to the spray tank with the agitation system engaged. Top up tank to the correct water volume. To prevent nozzle blockage, strainer and nozzle screens should be 50 mesh or coarser.</p> <p>THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION</p> <p>Water Volume & Spray Pressure</p> <ul style="list-style-type: none"> a) Pre-Emergence: 300- 500 L/ha and 200- 300 kPa pressure b) Post-Emergence: Use minimum of 300 L/ha and 140-170 kPa pressure c) Band Treatments: Use proportionately less. d) Wheat, Barley, Oats only <ul style="list-style-type: none"> -Aerial Application: Use a minimum of 20 L/ha spray under optimum conditions otherwise a minimum of 30L/ha. -Ground Application: Apply in a minimum of 90 L/ha (spray). <p>SPRAY EQUIPMENT HYGIENE</p> <p>Before and after spraying Sharda Linuron 500 WP Herbicide, spray equipment including tanks, nozzles, filters and spraylines should be cleaned thoroughly with a commercially available tank and equipment cleaner.</p>
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Resistance Warning:	<p>Sharda Linuron 500 WP Herbicide is a member of the Urea-group of herbicides. Sharda Linuron 500 WP Herbicide has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management Sharda Linuron 500 WP Herbicide is a Group C Herbicide. Some naturally-occurring weed biotypes resistant to Sharda Linuron 500 WP Herbicide and other inhibitors of photosynthesis at photosystem II herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by Sharda Linuron 500 WP Herbicide or other inhibitors of photosynthesis at photosystem II herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sharda Cropchem Espana S.L accepts no responsibility for any losses that may result from the failure of Sharda Linuron 500 WP Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultants, local Department of Agriculture or Primary industries, or Sharda Cropchem Espana S.L representative.</p>
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Precautions:	<p>PRECAUTIONS</p> <p>Re-Entry Interval</p> <p>DO NOT enter treated areas until spray has dried or until irrigation has been applied. If prior entry is necessary, 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.</p>
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Protections:	PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Product is slightly toxic to fish. DO NOT contaminate streams, rivers or watercourses with chemical or used containers.
Storage and Disposal:	Keep out of reach of children. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Single-rinse or shake remainder into spray tank. Do not dispose of undiluted chemicals on site. 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:	May irritate the eyes and skin. Avoid contact with the eyes and skin. DO NOT inhale dust or spray mist. Wash hands after use. After each day's use, wash gloves and contaminated clothing.
First Aid Instructions:	First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.
First Aid Warnings:	

RESTRAINTS:

For PROFESSIONAL use only

Sufficient moisture, either by irrigation or rainfall is required within 3 - 4 days of application to carry the product into the soil profile.

Spray drift restraint

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/s 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.

MANDATORY ZONES

DO NOT apply by aerial and groundboom spray unless the following mandatory buffer zones shown in Table 1 below are observed:

Table 1: Mandatory buffer zones for protection of bystanders

Droplet size	Bystander buffer zone (metres)	
	Fixed wing aircraft	Groundboom
Course	14	nil
Medium	42	6

DIRECTIONS FOR USE

CROP WEEDS	WEEDS CONTROLLED	STATE	RATE/ha		CRITICAL COMMENTS
			Light Soils	Heavy Soils	
Carrots & Parsnips	Annual Broadleaved Weeds and Grasses such as: Amaranth, Blackberry, Nightshade, Capeweed, Chickweed, Common Sowthistle, Corn Spurry, Deadnettle, Doublegee/Three-cornered Jack (Spiny Emex), Fat-hen, Hedge Mustards, Heliotrope, Marsh Mallow, Paterson's Curse, Pigweed, Potato Weed, Redshank, Scarlet Pimpernel, Stagger weed, Stinging Nettle, Summer grass (Summer grass - not controlled in Qld or November to February in other states), Swinecress, Variegated Thistle, Wild Mustard, Wild Radish, Wild Turnip, Winter Grass	All States	2.2 kg	4.5 kg	Pre-emergence: Apply immediately after planting but before crop emerges. DO NOT use on light sandy soils, low in clay or organic matter.
Carrots			1.1 kg	2.2 kg	Post-emergence: DO NOT apply before carrots have reached 4 true leaf stage, weeds no more than 7cm tall, or within 5 days of any application of any emulsifiable pesticide or wetting agent as damage to crop may result. On soils high in organic matter use post-emergence rather than pre-emergence.
Coriander Seed crops	Amsinckia, Capeweed, Charlock, Corn Gromwell (Sheepweed, White Ironweed). Deadnettle, Doublegee /Three-cornered Jack (Spiny Emex), Fat-hen, Hedge Mustard, Indian Hedge Mustard, Saffron Thistle, Stinging Nettle, Wild Radish, Wild Turnip	SA, Vic, NSW, Tas only	750 g	1.0 kg	DO NOT use this product on fresh coriander production. Use lower rate quoted on light soils and increase up to the higher rate for heavy clay soils or soils high in organic matter. Pre-emergence: Apply immediately after sowing. Post-emergence: Apply from 2 leaf onwards. Higher rates give longer residual control. Wet soil and/or rain is a benefit soon after application.
Onions	Annual Broadleaved Weeds such as: Black Bindweed, Capeweed, Charlock, Chickweed, Clover, Common Sowthistle, Corn Spurry, Deadnettle, Fat-hen, Field Cress, Hedge Mustards, Lesser Swinecress, Medics, Prickly Sowthistle, Shepherd's Purse, Spear Thistle, Stinging Nettle, Wild Mustard, Wild Radish, Wild Turnip	Qld, NSW, Vic, SA, SA, WA only	300 g	550 g	Post-emergence only: Apply when onions are 15cm or more in height. Retreat when necessary.
		Tas only	700 g to 1 kg		Post-emergence only: Apply lowest rate when onion plants are 2 - 3 leaf stage and high rate from 3 leaf stage onwards. Up to three applications may be used.

CROP WEEDS	WEEDS CONTROLLED	STATE	RATE/ha		CRITICAL COMMENTS
			Light Soils	Heavy Soils	
Potatoes	Annual Broadleaved Weeds and Grasses such as: Amaranth, Apple-of-Peru, Blackberry Nightshade, Capeweed, Chickweed, Clover, Common Sowthistle, Corn Spurry, Deadnettle, Doublegee/ Three-cornered Jack (Spiny Emex), Fat-hen, Hedge Mustard, Pigweed, Potato Weed, Redshank, Shepherd's Purse, Staggerweed, Stinging Nettle, Wild Mustard, Wild Radish, Wild Turnip, Winter Grass, Winter Weed, Wireweed.	All States	2.2 kg	4.5 kg	Pre-emergence- Apply after plating but before emergence of crop. Incorporate by irrigation or rainfall as soon as possible after application. DO NOT cultivate after application. Use higher rate during summer months.
Soybeans	Annual Broadleaved Weeds and Grasses such as: Amaranth, Apple-of-Peru, Barnyard Grass, Bathurst Burr, Black Bindweed, Blackberry Nightshade, Common Sowthistle, Fat-hen, Hedge Mustards, Noogoora Burr, Pigweed, Potato Weed, Redshank, Stinking Roger, Summer Grass, Turnip Weed, Wild Radish.	Qld, NSW, Vic, WA only	2.2 kg	5.5 kg	Pre-emergence: Apply within 2- 3 days after sowing. Sow beans to a depth of at least 2.5 cm. Heavy rains after application may cause crop damage. DO NOT replant treated area to other crops within 3 months of application.
Sweetcorn & Maize	Refer to weeds under Soybeans plus Stinging Nettle, Wild Mustard, Wild Turnip. Apply where grasses are not a problem.	All States	-	2.2 to 3.5 kg	Pre-emergence: Apply as a band of broadcast treatment immediately after planting. DO NOT use on light sandy soils low in clay or organic matter. Heavy rains after application may cause crop damage.
	Refer to weeds above. Apply where Barnyard grass or Summer grass are a problem.			4.5 to 5.5 kg	
	Refer to weeds under Soybeans plus Stinging Nettle, Mustard and Wild Turnip. Apply where grasses are not problem.		1.1kg to 2.2kg	2.2 to 4.5 kg	Post-emergence: Apply as directed band spray to each side row when crop is 30-40 cm high. DO NOT use misting machines. Avoid spray contact with crop foliage as injury may result. DO NOT replant treated area to other crops within 3 months of application. If weeds are present add a wetting agent at the use rate on its label.
	Refer to weeds above. Apply where Barnyard grass or Summer grass are a problem.		1.1kg to 3.5kg	2.2 to 5.5 kg	

CROP WEEDS	WEEDS CONTROLLED	STATE	RATE/ha		CRITICAL COMMENTS
			Light Soils	Heavy Soils	
Wheat, Oats & Barley	Capeweed, Charlock, Corn Gromwell (Sheepweed, White Ironweed), Deadnettle, Doublegee/Three- cornered Jack (Spiny Emex), Fat-Hen, Hedge Mustard, Indian Hedge Mustard, Stinging Nettle, Wild Radish, Wild Turnip	All States	500 g		All Weeds: For best results apply early. DO NOT apply SHARDA LINURON 500 WP HERBICIDE if weeds are greater than 15 cm in height or diameter, or crop is beyond early tillering or crop and weeds are under drought stress. Apply when weeds are less than 5 cm in height or diameter, crop is in 2-4 leaf stage and soils is moist enough for good growth of crop and weed seedlings.
	As above plus Amsinckia and Saffron Thistle		850 g		Apply if weeds are 5-15 cm in height or diameter and crop is in four leaf to early tillering stage.

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