



LINURON 450

Herbicide

ACTIVE CONSTITUENT: 450 g/L LINURON

GROUP C HERBICIDE

For control of certain weeds in cereals, potatoes, carrots, coriander and other crops as specified in the Directions for Use table.

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

4 FARMERS AUSTRALIA PTY LTD

A.B.N. 51 160 092 428

1 / 70 McDowell Street, Welshpool, WA 6106

Tel: (08) 9356 3445 Fax: (08) 9356 3447

Batch Number: _____ Date of Manufacture: _____
 APVMA Approval No: 86249/115130

DIRECTIONS FOR USE

RESTRAINTS

DO NOT add wetting agents, surfactants or crop oils.

DO NOT apply to weeds under severe stress due to, for example, very dry or wet conditions, disease, etc.

DO NOT allow mixture to stand in vat for prolonged periods, as it is difficult to re-suspend and may lose effectiveness.

DO NOT apply with misting machines.

CROP	WEED	WEED STAGE	STATE	RATE/ha	CRITICAL COMMENTS
Wheat, Barley, Oats	Group A Three-Cornered Jack (Double Gee), Capeweed, Wild Radish, Corn Gromwell, Wild Turnip, Deadnettle, Mustard, Turnip Weed, Rough Poppy, Slender Thistle	2 to 3 true leaf approx. 2.5 to 5.0cm across	All States	600mL	Apply when weeds growing well and between 3 and 5 weeks after sowing. Crops generally 3 to 4 leaf (Z13-Z14) stage. DO NOT add 4Farmers Diclofop-methyl or any herbicide to this product + MCPA.
			WA only	300mL + MCPA (500g/L) 400mL	
	All States	950mL			
Potatoes	Group A above & other weeds such as: Group B Fat Hen, Shepherd's Purse, Amaranth (inc. Dwarf, Green, Slim, Red Root, Powells), Blackberry Nightshade, Pigweed	Pre-emergence to 3 to 4 true leaf	All States	2.4 to 5L	Apply before 10% of potatoes emerge and after last cultivation or hilling. DO NOT cultivate after application. Use lower rate quoted on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.
Carrots, Parsnips	Group A & Group B above	Pre-emergence	All States	3.9 to 5L	DO NOT use on pure sandy soils. Lower rate generally sufficient, except on heavy clay soils high in organic matter. Apply 1 to 2 days after sowing. Use lower rate quoted on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.
Carrots	Group A & Group B above	2 to 4 true leaf up to 7cm	All States	1.2 to 2.4L	DO NOT apply before carrots are in 2 to 3 true leaf stage, or if temperature is above 30°C. Use lower rate quoted on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.
Coriander Seed Crops	Group A & other weeds such as Amsinckia, Saffron Thistle	Post-emergence, 2 to 4 true leaves	NSW, Vic, Tas, SA only	800mL to 1.1L	Apply from 2nd leaf onwards. Higher rates give longer residual control. Wet soil and/or rain is a benefit soon after application. DO NOT use this product in 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	NSW, Vic, Tas, SA only	800mL to 1.1L	Apply immediately after sowing. Use lower rate quoted on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.

CROP	WEED	WEED STAGE	STATE	RATE/ha	CRITICAL COMMENTS	
Onions	Group A & Group B above	2 to 3 true leaves	All States	330mL to 600mL	Apply after onions are 15cm high, with at least 3 leaves. Repeat as necessary. Use lower rate quoted on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.	
Soybeans	Group A & Group B above	Pre-emergence	All States	2.5 to 5.0L	Apply to weed free soil 2 to 3 days after sowing. Beans must be sown at least 2.5cm deep. Use higher rate for heavy clay soils, or soils high in organic matter.	
Maize and Sweet Corn	Group A & Group B above	Pre-emergence	All States	2.5 to 4.0L	Apply as soon after planting as possible. Use lower rate quoted on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.	
	Barnyard and Summer Grass			5.0 to 6.0L		
	Group A & Group B above	Post-emergence		Light Soils 1.1 to 2.5L Heavy Soils 2.5 to 5L		Apply as directed spray to weeds and soil only, when crop is 30 to 45cm high and weeds less than 15cm. Early cultivation will increase the difference in height between weeds and crop. Use lower rates when on lighter soil types low in organic matter.
	Barnyard and Summer Grass			Light Soils 4.0L Heavy Soils 6.0L		

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

WITHHOLDING PERIODS:

CARROTS, CORIANDER: DO NOT APPLY LATER THAN 10 WEEKS BEFORE HARVEST.

CEREALS, MAIZE, ONIONS, PARSNIPS, POTATOES, SOYBEANS, SWEET CORN:

WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

4Farmers Linuron 450 Herbicide contains 450g/L Linuron. 4Farmers Linuron 450 Herbicide can be applied pre- and post-emergence to control certain annual grasses, broadleaved weeds and some seedling perennial weeds in cereal, potatoes, carrots, parsnips, coriander, onions, soybeans, maize and sweet corn. 4Farmers Linuron 450 Herbicide is a selective systemic herbicide, absorbed principally by the roots but also by the foliage, with translocation primarily acropetally in the xylem. Read the Directions for Use before using this product. Shake well before opening.

APPLICATION

Shake well before use. Fill the spray tank with water to three quarters of the required volume, then pour 4Farmers Linuron 450 Herbicide into the tank with the agitation system running. Top up to required volume with water while still agitating. If combining with 4Farmers Diclofop-methyl, add 4Farmers Linuron 450 Herbicide last. Ensure good agitation to give continuous suspension of 4Farmers Linuron 450 Herbicide. After use flush out system with clean water and wash nozzles and filters.

BOOM SPRAYS: Use approximately 80L-110L water per hectare (ha).

AIRCRAFT: Use 20L-30L water per hectare (ha). DO NOT exaggerate swath width.

COMPATIBILITY

4Farmers Linuron 450 Herbicide may be mixed with 4Farmers Diclofop-Methyl where recommended. DO NOT add wetting agent.

RESISTANT WEEDS WARNING

GROUP C HERBICIDE

4Farmers Linuron 450 Herbicide is a member of the Urea group of herbicides. 4Farmers Linuron 450 Herbicide has the photosynthesis inhibitor mode of action. For weed resistance management 4Farmers Linuron 450 Herbicide is a Group C herbicide. Some naturally occurring weed biotypes resistant to 4Farmers Linuron 450 Herbicide and other Group C 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 will not be controlled by 4Farmers Linuron 450 Herbicide or other Group C herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, 4Farmers Australia Pty Ltd accepts no liability for any losses that may result from the failure of 4Farmers Linuron 450 Herbicide to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT plant susceptible crops (e.g. crucifers, lettuce) immediately following crops treated with 4Farmers Linuron 450 Herbicide. 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. Avoid overspraying, particularly on headlands or when turning. DO NOT apply on light soils if heavy rain is likely within 24 hours of spraying as weed control may be reduced or some crop damage may occur. This is of particular importance with rates above 1 Litre and on soybeans.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed original container in a dry, well-ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycle 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 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 regulation. 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 vapour or spray mist. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126.

SAFETY DATA SHEET

For further information please refer to the Safety Data Sheet. For a copy visit our website at www.4farmers.com.au

CONDITIONS OF SALE

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. 4Farmers' liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which 4Farmers shall have no liability.

In a Transport Emergency Dial 000 Police or Fire Brigade	Special Poisons Advice: 13 11 26
--	-------------------------------------