

DuPont™ Linuron

flowable herbicide

Technical Information

Active Constituent:

480 g/L LINURON

Solvent: 94 g/L ETHYLENE GLYCOL

Pack Sizes:

10 L



CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

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

SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with the eyes and skin. **DO NOT** inhale 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 13 11 26.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet.

GENERAL INSTRUCTIONS

DuPont™ Linuron flowable herbicide contains 480 g/L Linuron. DuPont™ Linuron flowable can be applied pre and post emergence to control certain annual grasses, broad-leaved weeds and some seedling perennial weeds in cereal, potatoes, carrots, parsnips, coriander, onions, soybeans, maize and sweetcorn. DuPont™ Linuron flowable 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

RESISTANT WEEDS WARNING

DuPont™ Linuron flowable is a member of the Urea-group of herbicides. This product has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management DuPont™ Linuron flowable is a Group C Herbicide.

Some naturally occurring weed biotypes resistant to DuPont™ Linuron flowable 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 DuPont™ Linuron flowable or other Group C herbicides. However resistance should not be assumed without first reviewing the method of application, the coverage and the timing of application. Resistance to DuPont™ Linuron flowable can not be predicted and may occur at any time. It is not due to a fault in the product and DuPont accepts no liability for any losses that may result from the failure of DuPont™ Linuron flowable to control resistant weeds.



CROP SAFETY

DO NOT plant susceptible crops (e.g crucifers, lettuce) immediately following crops treated with DuPont™ Linuron flowable. **DO NOT** apply in weather conditions, or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop lands and pasture. 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 particularly important with rates above 1 L/ha and on soybeans. **DO NOT** use in or near channels or drains where roots of desirable plants may extend.

APPLICATION

General: Shake well before use. Fill the spray tank with water to three quarters of the required volume, then pour DuPont™ Linuron flowable into the tank with the agitation system running. Top up to required volume with water while still agitating. If combining with Hoegrass, add DuPont™ Linuron flowable last. Ensure good agitation to ensure continuous suspension of DuPont™ Linuron flowable. After use flush out system with clean water and wash nozzles and filters.

BOOM SPRAYS: Use approximately 80L – 110 L water per hectare.

AIRCRAFT: Use 20L – 30 L water per hectare. **DO NOT** exaggerate swath width.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Product is slightly toxic to fish. **DO NOT** contaminate streams, rivers, waterways with chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed original container in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Triple or (preferably) pressure 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, puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**IN A MEDICAL EMERGENCY CALL
1800 674 415 All hours**

NOTICE TO BUYER

To the extent permitted by law all conditions and warranties and statutory or other rights of action which buyer or any other user may have against DuPont or Seller are hereby excluded. DuPont hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information or advice provided by DuPont or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. DuPont's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid therefore.

APVMA Approval No: 60490/1205

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 windy 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/SITUATION	WEEDS CONTROLLED	WEED STAGE	STATES	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 - 3 true leaf approximately 2.5 - 5 cm across	All States	560 mL	Apply when weeds are growing well and between 3 and 5 weeks after sowing. Crops generally 3 - 4 leaf (Z13 - Z14) stage. DO NOT add Hoegrass or any other herbicide to DuPont™ Linuron flowable + MCPA
			WA only	280mL + 400mL of MCPA (500g/L)	
	Amsinckia, Saffron Thistle		All States	890 mL	
Potatoes	Group A above and other weeds in Group B: Fat Hen, Shepherd's purse, Amaranth (inc. Dwarf, Green, Slim, Red root, Powells), Blackberry nightshade, Pigweed	Pre-emergence to 3 - 4 true leaf	All States	2.3 - 4.7L	Apply before 10% of potatoes emerge and after last cultivation or hilling. DO NOT cultivate after application. Use lower rate on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.
Carrots, Parsnips	Group A and Group B	Pre-emergence	All States	3.7 - 4.7L	DO NOT use on pure sandy soils. Lower rate generally sufficient, except on heavy clay soils high in organic matter. Apply 1 - 2 days after sowing. Use lower rate on light soils and increase up to the higher rate for heavy clay soils, or soils high in organic matter.
Carrots	Group A and Group B	2 - 4 true leaf up to 7 cm	All States	1.1 - 2.3L	DO NOT apply before carrots are in 2 - 3 true leaf stage, or if temperature is above 30°C. Use lower rate on light soils and increase up to the high rate on heavy clay soils, or soils high in organic matter.
Coriander Seed Crops	Group A and other weeds such as Amsinckia, Saffron thistle	Pre-emergence	SA, Vic, NSW, Tas, ACT only	750mL - 1L	Apply immediately after sowing. Use lower rate on light soils and increase up to the high rate on heavy clay soils, or soils high in organic matter.
		Post emergence, 2 - 4 true leaf			Apply from second leaf of crop 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 on light soils and increase up to the high rate on heavy clay soils, or soils high in organic matter.
Onions	Group A and Group B	2 - 3 true leaf	All States	310 - 560mL	Apply after onions are 15cm high, with at least 3 leaves. Use lower rate on light soils and increase up to the high rate on heavy clay soils, or soils high in organic matter.
Soybeans	Group A and Group B	Pre-emergence	All States	2.4 - 4.7L	Apply to weed free soil 2 - 3 days after sowing. Beans must be sown at least 2.5 cm deep. Use higher rate for heavy clay soils or soils high in organic matter.
Maize and Sweet Corn	Group A and Group B	Pre-emergence	All States	2.4 - 3.8L	Apply as soon after planting as possible. Use lower rate on light soils and increase up to the high rate on heavy clay soils, or soils high in organic matter.
	Barnyard and Summer grass			4.7 - 5.6L	
	Group A and Group B	Post-emergence, weeds less than 15cm across		1.1 - 2.4L on light soils.	Apply as a directed spray to weeds and soil only, when the crop is 30 - 45 cm high. Early cultivation will increase the difference in height between weeds and crop. Use lower rate when on lighter soil types low in organic matter
	Barnyard and Summer grass			2.4 - 4.7L on heavy soils 3.8L on light soils. 5.6L on heavy soils.	

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 HARVEST FOR 10 WEEKS AFTER APPLICATION.

BARLEY, MAIZE, OATS, ONIONS, PARSNIPS, POTATOES, SOYABEANS, SWEETCORN, WHEAT – NOT REQUIRED WHEN USED AS DIRECTED.

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