

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Di-Grass

SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 375 g/L DICLOFOP-METHYL
SOLVENT: 543 g/L HYDROCARBON LIQUID

GROUP A HERBICIDE

For the post emergent control annual ryegrass, common barbglass and wild oats in wheat, linseed, peas, crowsfoot grass (*Eleusine indica*) in turf species and other crops as specified in the DIRECTIONS FOR USE table

DIRECTIONS FOR USE LEAFLET

Read entire label and leaflet before using this product.



APVMA APPROVAL No: 64991/2.5L-200L/0610



AGRICROP

Products for Plants

WITHHOLDING PERIOD (WHP)

ALL CROPS: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 7 WEEKS AFTER APPLICATION.

TURF: DO NOT ALLOW TREATED AREAS OR CLIPPINGS TO BE GRAZED BY OR FED TO LIVESTOCK.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

Results are best under good growing conditions and application to weeds or crop under stress (eg. due to continuous severe frosts, dry or waterlogged conditions) should be avoided. Wild oats germinating after application will often be stunted and will not seriously compete with the crop. Application to crops with a covering of frost or dew has been successful but should be avoided in general. Current indications are that spray mixture may be left overnight without loss of efficiency, if spraying cannot be completed. However, it is not recommended that this be general practice.

RESISTANT WEEDS WARNING

GROUP A HERBICIDE

Di-Grass Selective Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. Di-Grass is an inhibitor of acetyl-coA carboxylase. For weed resistance management Di-Grass is a Group A herbicide. Some naturally occurring weed biotypes resistant to Di-Grass, and other Group A 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 Di-Grass or other Group A Herbicides. Since occurrence of resistant weeds is difficult to detect prior to use, Agri Environmental Pty Ltd accepts no liability for any losses that may result from the failure of Di-Grass to control resistant weeds.

APPLICATION

Aim to apply Di-Grass to base of weeds to ensure penetration.

MIXING

Add the required quantity of Di-Grass directly to the spray tank when about two-thirds full. Top up with water to required volume, with agitators in motion. Where wetting agents are recommended, add just before tank is full of water to avoid excessive frothing.

EQUIPMENT

Ground Sprayers - Standard boom sprays only are recommended and must be fitted with by-pass-pass or mechanical agitation. It is recommended to use approximately 50 to 150L water/ha and a droplet size of 200 to 300 microns. Do not apply with boomless jets or misters. With ground boom sprays, better coverage and penetration may be obtained by setting nozzles at 45o angle forward, particularly in dense crops.

Knapsack Equipment: Di-Grass should be applied at label rates in adequate water to thoroughly wet weeds being sprayed, ie 5 to 10L/100m².

Aircraft - Best results have been obtained using 20 to 30L water/ha with a steady cross wind and a swath width of 15 to 18 metres. Aim for a droplet size of 200 to 300 microns. Do not exaggerate swath width. Aircraft operators should consult manufacturer for details.

COMPATIBILITY

1. For broadleaf weed control in wheat, barley, triticale and rye, the following compatibilities are indicated. Di-Grass may be mixed with the following products without a significant loss of activity: Bromoxynil, Lontrel* (up to 150 mL/ha), dimethoate, omethoate and phosmet. Rhino may be mixed with the following products, but some loss of grass weed control and/or speed of kill should be expected: Bromoxynil + MCPA, Tigrex* (max. 800 mL/ha), MCPA LVE (max. 700 mL/ha). Rhino may be mixed with the following products, but some loss of wild oat control should be expected: Jaguar* (up to 750 mL/ha), Eclipse* (up to 7 g/ha). Rhino may be tank mixed with Broadstrike* (up to 25 g/ha) where control of wild oats is NOT required.

2. When mixing with bromoxynil/MCPA, diflufenican/MCPA or MCPA LVE add non-ionic wetting agent at the rate of 250 mL per 100L of spray solution. Some reduction in grass weed control and speed of action can be expected with these mixtures but to minimise this, use a minimum of 80L of water per has by ground and 30L by air, and if wild oats are present, use 2.0L Di-Grass/ha (except barley). Do not use bromoxynil/MCPA at rates above 1.4 L/ha when mixing with Di-Grass.

DIRECTIONS FOR USE

RESTRAINTS:

DO NOT apply if rainfall is expected within 2 hours.

DO NOT spray when temperatures are higher than 25°C.

DO NOT apply to weeds or turf under stress due to, for example: very dry, very wet, nutrient deficient, frost or diseased conditions.

DO NOT use on rye-grass turf.

Crop	Weed	State	Weed Stage	Rate L/ha	Critical Comments
Wheat, linseed, triticale, canola (rapeseed), safflower, rye, barley	Annual (Wimmera) ryegrass	All States	2 to 4 leaf	1	Apply generally 3 to 4 weeks after sowing, when cereals usually 2 to 5 leaves. For barley, apply only when crop is 4 to 5 leaf stage.
	Common barbglass	NSW only		1.25	
Lupins, peas	Annual ryegrass	NSW, Vic, Tas, SA, WA only	2 to 4 leaf	1	Add wetting agent at 0.25% a.i. to water in spray tank - i.e. 250mL 100% wetter/100L water. This is irrespective of volume of water/ha or rate of Di-Grass. Do not add wetting agent if mixing with some other sprays (refer compatibility).
	Common barbglass	NSW only		1.25	
Wheat, linseed, triticale, safflower, rye, barley, canola (rapeseed)	Wild Oats	All States	2 to 3 leaf	1.5	For barley, apply only when crop is 4 to 5 leaf stage. Avoid double spraying (overlap) at the maximum rate of 1.5L/ha. In crops other than barley, use 2 L rate if most weeds 3 to 4 leaf and if spraying 4 to 6 weeks after sowing, especially in northern NSW and Qld. Add wetting agent as above. Use 1.5 L rate only if growing conditions are very favourable and weeds are 2 to 3 leaf, 3 to 4 weeks after sowing, and cereals usually 2 to 3 leaf.
			3 to 4 leaf	2 (not barley)	
Lupins, peas	Wild Oats	NSW, Vic, Tas, SA, WA only	2 to 3 leaf	1.5	
			3 to 4 leaf	2	
Pasture, Legume seed crops	Annual ryegrass	All States	2 to 4 leaf	1	Add wetting agent as above. Ensure thorough coverage of weeds.
	Wild Oats			1.5 - 2	
Oilseed poppies	Wild Oats, annual ryegrass (refer critical comments)	Tas only	See critical comments	0.5 - 3	Do not add wetting agent. Apply in accordance with recommendations made by the Department of Agriculture or the poppy contracting company.
Turf: kikuyu, hybrid couch cv. Tifdwarf	Crowsfoot grass	Qld, NSW, ACT only		1L/ha or 100mL in 100L of water per 1000m ²	Apply to weeds between the seedling and tillering stage for best results. Use lower rates for seedlings and higher rates for established grass weeds. A repeat spray may be needed in 2 to 4 weeks. Results are best when Di-Grass is applied under good growing conditions and weeds have sufficient leaf area ie 2 to 3 days after mowing.
Queensland blue couch				1L/ha or 100 to 150mL in 100L of water per 1000m ²	
Common couch, Buffalo, Hybrid couch cv. Tifway, Carpet grass, Salt couch				1 to 2.5L/ha or 100 to 250mL in 100L of water per 1000m ²	

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

3. Di-Grass and metsulfuron are physically compatible but when this mixture is used a significant reduction in grass weed control can be expected. Add wetting agent to this mixture as for Di-Grass at recommended rates. Consult company representatives for further advice.

4. Allow at least 10 days between any application of Di-Grass and other herbicides containing 2,4-D, MCPA, dicamba or other similar sprays, which should preferably follow Di-Grass.

5. For use in oilseed poppies in Tasmania only: Di-Grass may be mixed with pesticides as recommended by the Department of Agriculture or the poppy contracting company.

6. Where Phalaris is present, Di-Grass and fenoxprop-p-ethyl may be applied together at the respective recommended rates. Wetting agent should be added to this mixture at the rate recommended on the Di-Grass label.

PROTECTION OF CROP, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops (eg. maize, sorghum, rice) crop lands or pasture. DO NOT plant susceptible crops (eg. maize, sorghum, rice) for 10 weeks after application.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate dams, ponds, waterways or drains with this product or the used container.

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, or 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.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin and do not inhale spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Telephone Australia: 13 11 26).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet.

CONDITIONS OF SALE

Agricrop Pty. Ltd. (Agricrop) shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever, or howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Agricrop's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Agricrop has any authority to add to or alter these conditions.

In an Emergency Dial 000 Police or Fire Brigade

**ACTUAL SIZE OF LEAFLET = 420mm X 285mm
When Printed on A3 paper**