

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Cheminova

Diclofop Methyl

Herbicide

ACTIVE CONSTITUENT: 375 g/L DICLOFOP-METHYL

SOLVENT: 529 g/L HYDROCARBON LIQUID

GROUP

A

HERBICIDE

For post-emergent control of Annual Ryegrass, Common Barbgrass and Wild Oats in Wheat, Linseed, Peas and other crops as listed in the Directions for Use Table.

CHEMINOVA AUSTRALIA PTY LTD

A.B.N. 59 472 616 773

A.C.N. 110 199 169

12 JULIUS AVE

NORTH RYDE NSW 2113

PH: 1800 624 597

CONTENTS:

5-1000 L

www.cheminova.com.au

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 crop under stress due to, for eg. very dry, very wet, nutrient deficient, frost or diseased conditions.

CROP	WEED	STATE	WEED STAGE	RATE L/ha	CRITICAL COMMENTS
Wheat, Linseed, Triticale, Canola, 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. Add wetting agent at 0.25% a.i. to water in spray tank. This is irrespective of volume of water/ha or rate of Cheminova Diclofop Methyl Herbicide. Do not add wetting agent if mixing with some other sprays (refer compatibility).
	Common Barbgrass	NSW, ACT Only		1.25	
Lupins, Peas	Annual Ryegrass	NSW, ACT, Vic, Tas, SA, WA only	2 to 4 leaf	1	
	Common Barbgrass	NSW, ACT Only		1.25	
Wheat, Linseed, Triticale, Safflower, Rye, Barley, Canola	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, ACT, 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.

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

WITHHOLDING PERIODS

GRAZING: DO NOT GRAZE OR CUT FOR STOCKFEED FOR 7 WEEKS AFTER APPLICATION

CROP HARVEST: NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS

For best results apply when growing conditions are good to weeds and crop which are not stressed from factors such as severe frost, waterlogging or dry conditions. Avoid applying to crops which are covered in dew or frost. Wild Oats germinating after application will often be stunted and will not seriously compete with the crop.

Results indicate that a spray mixture may be left overnight without loss of efficiency, if spraying cannot be completed but it is recommended that the spray mixture be used on the same day it is prepared.

MIXING

Fill the spray tank to about two thirds full with clean water and then add the required amount of Cheminova Diclofop Methyl Herbicide. Add the remainder of the water with agitation system engaged. If a wetting agent is required add this last to prevent excessive foaming.

APPLICATION

Aim to apply this product to base of weeds to ensure penetration.

COMPATIBILITY

1. For broadleaf weed control in wheat, barley, triticale and rye, the following compatibilities are indicated. This product may be mixed with the following products without a significant loss of activity: Bromoxynil, Sparta® (up to 150 mL/ha), Danadim®, Le-Mat* and phosmet. This product may be mixed with the following products, but some loss of grass weed

control and/or speed of kill should be expected: Barometer, Jester (max. 800 mL/ha), MCPA LVE (max. 700 mL/ha). This product may be mixed with the following products, but some loss of Wild Oat control should be expected: Nimble® (up to 750 mL/ha), Eclipse* (up to 7 g/ha).

2. When mixing with broadleaf herbicides add a non-ionic surfactant (1000 g/L) at the rate of 250 mL per 100 L of spray solution. Reductions in grass weed control (as indicated above) can be minimised by using a minimum of 80 L of water per ha by ground and 30 L by air, and if Wild Oats are present, use 2.0 L Cheminova Diclofop Methyl Herbicide/ha (except barley). DO NOT use Barometer at rates above 1.4 L/ha when mixing with Cheminova Diclofop Methyl Herbicide.
3. Allow at least 10 days between any application of Cheminova Diclofop Methyl Herbicide and other herbicides containing 2, 4-D, MCPA, dicamba or other similar sprays, which should preferably follow Cheminova Diclofop Methyl Herbicide.
4. For use in oilseed poppies in Tasmania only: Cheminova Diclofop Methyl Herbicide may be mixed with pesticides as recommended by the Department of Agriculture or the poppy contracting company.
5. Where Phalaris is present, Cheminova Diclofop Methyl Herbicide and Foxtrot® may be applied together at the respective recommended rates. Wetting agent should be added to this mixture at the rate recommended on the Cheminova Diclofop Methyl Herbicide label.

RESISTANT WEEDS WARNING

GROUP	A	HERBICIDE
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Cheminova Diclofop Methyl Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. Cheminova Diclofop Methyl Herbicide is an inhibitor of acetyl coA carboxylase. For weed resistance Cheminova Diclofop Methyl Herbicide is a Group A herbicide. Some naturally-occurring weed biotypes resistant to Cheminova Diclofop Methyl Herbicide 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 Cheminova Diclofop Methyl Herbicide or other Group A herbicides.

Since occurrence of resistant weeds is difficult to detect prior to use, Cheminova Pty Ltd accepts no liability for any losses that may result from the failure of Cheminova Diclofop Methyl Herbicide to control resistant weeds.

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 150 L water/ha and a droplet size of 200 to 300 microns. DO NOT apply with boomless jets or misters.

Aircraft: Best results have been obtained using 20 to 30 L 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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

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, adjacent crops (eg. maize, sorghum, rice) crop lands or pasture.

DO NOT plant susceptible crops (eg. Maize, sorghum, rice) for 10 weeks after application.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure 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 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 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.

110L: DO NOT remove or tamper with the dry valves or security seal. DO NOT contaminate the drum with water or any other foreign matter. After each use of the product ensure that the dry valve coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the drum is empty remove the dry valve coupler and return to the point of purchase.

1000L: Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

The product may 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 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. Phone Australia 131126.

ADVICE TO PHYSICIAN

No antidote is available and treatment should be symptomatic. Gastric lavage with medical charcoal in water is recommended. Induce diuresis and monitor electrolyte and fluid balance. Observe kidney function.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet available from www.cheminova.com.au.

WARNING

This product must be used, handled and stored strictly as directed in accordance with this label, packaging and other reference material ("Directions"). To the extent permitted by law Cheminova Australia Pty Ltd and its related companies will have no liability for any injury, loss or damage arising from a failure to follow the Directions.

APVMA Approval No:59554/61692

Batch No:

Date of Manufacture:

140213-T

Drummuster logo (relevant pack sizes)

® Registered trademark of Cheminova.

*Trademark

**FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE 1800 033 111**