

Label/Leaflet

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

ChemAg
Diclofop-Methyl 375 Selective Herbicide

ACTIVE CONSTITUENT: 375g/L DICLOFOP-METHYL
SOLVENT: 534g/L HYDROCARBON LIQUID

GROUP	A	HERBICIDE
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For the post-emergent control of Annual Ryegrass, Common Barbrgrass and Wild Oats in the situations as described in the Directions for Use table and the control of Crowsfoot Grass (*Eleusine indica*) in Turf species.

IMPORTANT: READ THIS LABEL BEFORE OPENING OR USING THIS PRODUCT

CONTENTS: 20L, 110L, 200L, 1000L

APVMA APPROVAL NO. 52686/0200

Imtrade Australia Pty Ltd
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DIRECTIONS FOR USE

DO NOT spray under conditions that could result in spray drift onto susceptible crops such as Maize, Rice or Sorghum.

RESTRAINTS:

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

DO NOT spray if rainfall is expected within 2 hours.

CROP	WEED	STATE	WEED SIZE	APPLICATION RATE	CRITICAL COMMENTS
Barley, Linseed, Rapeseed, Safflower, Wheat, Lupins Leguminous Pasture, Triticale, Peas	Annual Ryegrass (Wimmera)	WA, SA, Vic, NSW, Qld only	2 to 4 leaf	1L/ha	1. Apply when grasses are actively growing and have at least 2 leaves to allow for adequate spray contact. 2. Add 0.25% of a 100% non-ionic surfactant per 100L spray solution. 3. Spray Cereals at the 2-5 leaf stage (Zadock 12-15) except Barley. 4. Spray Barley at the 3-5 leaf stage (Zadock's 13-15). DO NOT exceed 1.5L/ha of ChemAg Diclofop-Methyl 375 Selective Herbicide on Barley.
	Wild Oats	WA, SA, Vic, NSW, Qld only		1.5 – 2L/ha use the higher rate at 4 leaf stage of Wild Oats	
	Common Barbgrass	NSW only		1.28L/ha	
Oilseed Poppies	Wild Oats, Annual Ryegrass	Tas only	See Critical Comments	0.5 – 3L/ha	Apply in accordance with Department of Agriculture recommendations or that of the poppy contracting company. DO NOT add wetting agent.
Turf, Kikuyu, Hybrid Couch, cv. Tifdwarf	Crowsfoot Grass (<i>Eleusine indica</i>)	NSW & Qld only	See Critical Comments	1L/ha or 100 mL/1000m ²	Apply when weeds between seedling and tillering stage for best results: Use lower rates for seedling and higher rates for established grass weeds. Repeat sprays may be needed in 2-4 weeks. Results are best when applied under good growing conditions and weeds have sufficient leaf area, i.e. 2-3 days pre- or post-mowing. DO NOT use on Ryegrass Turf.
Queensland Blue Couch				1 – 1.5L/ha or 100 – 150 mL/1000m ²	
Common Couch, Buffalo, Hybrid Couch, cv. Tifway, Carpet Grass, Salt Couch				1 – 2.5L/ha or 100 – 250 mL/1000m ²	

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

WITHHOLDING PERIOD

DO NOT GRAZE TREATED AREAS OR CUT FOR STOCKFEED FOR 7 WEEKS AFTER APPLICATION OF CHEMAG DICLOFOP-METHYL 375 SELECTIVE HERBICIDE.

DO NOT PLANT SUSCEPTIBLE CROPS SUCH AS MAIZE, SORGHUM OR RICE FOR 10 WEEKS AFTER APPLICATION OF CHEMAG DICLOFOP-METHYL 375 SELECTIVE HERBICIDE.

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

GENERAL INSTRUCTIONS

1. Crop and weeds should be actively growing and free from stress such as waterlogging, dry, severe or continuous frosts. If stress conditions prevail, seek advice before spraying.
2. Avoid spraying when crops and weeds are covered with a heavy dew.
3. ChemAg Diclofop-Methyl 375 Selective Herbicide has no effect on undersown legumes, broadleaf crops or broadleaf weeds.
4. ChemAg Diclofop-Methyl 375 Selective Herbicide should be applied after the plant has at least 2 leaves to form a leaf axil for droplet capture.
5. The effects of ChemAg Diclofop-Methyl 375 Selective Herbicide may not be apparent for 6-10 days after the application. Wild Oats germinating shortly after application will often be stunted and will not seriously compete with the crop.

RESISTANT WEEDS WARNING

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ChemAg Diclofop-Methyl 375 Selective Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. ChemAg Diclofop-Methyl 375 Selective Herbicide is an inhibitor of acetyl CoA carboxylase mode of action. For weed resistance management ChemAg Diclofop-Methyl 375 Selective Herbicide is a Group **A** herbicide. Some naturally-occurring weed biotypes resistant to ChemAg Diclofop Methyl 375 Selective Herbicide, and other herbicides which inhibit acetyl CoA carboxylase, 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 ChemAg Diclofop-Methyl 375 Selective Herbicide or other inhibitors of acetyl CoA carboxylase herbicides.

ChemAg Diclofop-Methyl 375 Selective Herbicide sprayed paddocks should be closely monitored if the paddock has a previous history of diclofop-methyl usage. If resistance is suspected contact Imtrade Australia Pty Ltd or the local Department of Agriculture.

To avoid further resistance problems, **DO NOT** use ChemAg Diclofop-Methyl 375 Selective Herbicide. Do consult Imtrade Australia Pty Ltd or the local Department of Agriculture for advice on resistance strategies.

Resistance should not be confused with poor application, conditions or timing with the use of ChemAg Diclofop-Methyl 375 Selective Herbicide.

Since occurrence of resistant weeds is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of ChemAg Diclofop-Methyl 375 Selective Herbicide to control resistant weeds.

APPLICATION

Boom Equipment: ChemAg Diclofop-Methyl 375 Selective Herbicide can be applied in spray volumes of 50-150L/ha using fan nozzles supplying a droplet size in the range of 150-300 microns. **DO NOT** apply with boomless jets or misters. With ground boom sprays, better coverage and penetration may be obtained by setting nozzles at 45° angle forward, particularly in dense crops.

Aircraft - Apply using 20-30L water/ha with a steady cross wind and a swath width of 15-18 meters, using a droplet size in the range of 200-300 microns. Aircraft operators should consult manufacturer for details.

Surfactant: 0.25% of a 1000 g/L surfactant per 100L spray solution is recommended with ChemAg Diclofop-Methyl 375 Selective Herbicide in all situations where ChemAg Diclofop-Methyl 375 Selective Herbicide is being used alone.

Cleaning Equipment: All spray equipment including pumps, spray tanks, lines and nozzles, landing gear (aircraft) should be thoroughly washed with water after each day of spraying.

MIXING

1. Clean spray tank of previous chemical residues, preferably with a chemical residual remover. If a sulphonyl urea such as Glean* has been used, follow the respective labels on cleaning service equipment prior to using ChemAg Diclofop-Methyl 375 Selective Herbicide on sulphonyl urea sensitive crops.
2. Use only clean water, either rainwater or local authority water.
3. Half fill the spray tank with clean water and add required amount of ChemAg Diclofop-Methyl 375 Selective Herbicide with agitation in action.
4. Add surfactant last.
5. When tank mixing with other chemicals, add ChemAg Diclofop-Methyl 375 Selective Herbicide after other water soluble products, but before flowables.

COMPATIBILITY

Insecticides

1. ChemAg Diclofop-Methyl 375 Selective Herbicide is compatible with Dimethoate and Omethoate.

Herbicides – Cereals

1. ChemAg Diclofop-Methyl 375 Selective Herbicide can be tank mixed with Bromoxynil, Bromoxynil plus MCPA (up to 1.4L/ha), MCPA Ester (up to 700 mL/ha), Brodal*, Tigrex* (up to 800 mL/ha) and Lontrel* (up to 150 mL/ha) for broadleaf weed control.
2. Low rates of sulphonyl urea's mixed with ChemAg Diclofop-Methyl 375 Selective Herbicide can cause antagonism resulting in reduced grass weed control and may affect crop yields. **DO NOT** tank mix with Metsulfuron Methyl 600.
3. **DO NOT** spray ChemAg Diclofop-Methyl 375 Selective Herbicide within 10 days before or after an application of 2,4-D, MCPA, Dicamba or similar products. It is preferable that ChemAg Diclofop-Methyl 375 Selective Herbicide is applied before other products.
4. When tank mixing with Bromoxynil plus MCPA, a non-ionic surfactant can be added at 0.25% of a 1000 g/L surfactant i.e. 350 mL per 100L spray solution.
5. Tank mixing with Bromoxynil plus MCPA, Tigrex* and MPCA Ester is not recommended when applying ChemAg Diclofop-Methyl 375 Selective Herbicide for Wild Oat control.

Herbicides – Lupins

1. ChemAg Diclofop-Methyl 375 Selective Herbicide can be tank mixed with Brodal* for control of some broadleaf weeds.

DO NOT ADD OIL.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, crop lands or pasture. Crops particularly susceptible include Maize, Sorghum and Rice.

DO NOT plant Maize, Sorghum and Rice for 10 weeks after application.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry well-ventilated area, as cool as possible away from children, animals, food, feedstuffs, seed and fertilisers. **DO NOT** store for prolonged periods in direct sunlight. **DO NOT** reuse empty containers. 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 500mm 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

May irritate the eyes and skin. Avoid contact with eyes and skin. **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 contaminated clothing, gloves and face shield.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Center (Phone Australia 13 11 26). If swallowed, and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from your supplier or Imtrade Australia Pty Ltd website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade Australia Pty Ltd warrants that this product conforms to the chemical description on the label. The use of ChemAg Diclofop-Methyl 375 Selective Herbicide being beyond the control of the manufacturer, Imtrade Australia Pty Ltd 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 Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

*Other Registered Trademarks

**IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE**

APVMA Approval No. 52686/0200

Batch No:

Date of Manufacture:

