

**POISON**

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

UNITED FARMERS  
**DICLOFOP - METHYL 375**  
SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 375g/L DICLOFOP-METHYL  
SOLVENT: 531.4g/L LIQUID HYDROCARBON

GROUP A HERBICIDE

For the post-emergent control of annual ryegrass, common barbgrass and wild oats in wheat, linseed, peas, turf and other crops as listed in the Directions for Use Table

**CONTENTS:** 20L/110L/200L/1000L

**Note: This information has been adapted from the UFCC Diclofop-methyl label.  
Please consult the label on the pack before use.**

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE OPENING OR USING THIS PRODUCT.**



**UNITED FARMERS**  
CO-OPERATIVE

ABN 14 014 213 492  
2 BIRKSGATE ROAD ROUS HEAD, PMB 10  
NORTH FREMANTLE, W.A. 6159  
Phone 08 9430 2222 Fax 08 9430 2233

D.O.M.:  
BATCH NO:

APVMA Approval no: 53639/

**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 before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. Break, crush, puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers 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 gloves, face shield and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone: 131126).

**ADVICE TO PHYSICIAN**

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

**MATERIAL SAFETY DATA SHEET**

Additional information is listed in the MSDS available from United Farmers.

**CONDITIONS OF SALE**

The use of United Farmers Diclofop - Methyl 375 Selective Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by United Farmers Cooperative Ltd, regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and United Farmers Cooperative Ltd accepts no responsibility for any consequence whatsoever from the use of this product.

## **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 RAIN IS EXPECTED WITHIN 2 HOURS.**

CROP	WEED CONTROLLED	STATE	WEED SIZE	APPLICATION RATE (Ha)	CRITICAL COMMENTS
Barley Linseed Rapeseed Safflower	Annual Ryegrass (Wimmera)	WA, SA, VIC, NSW, ACT, QLD only	2-4 Leaf	1.0L	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 (Zadok 12-15) except Barley 4. Spray Barley at the 3-5 leaf stage (Zadok's 13-15) Do not exceed 1.5L per hectare of United Farmers Diclofop - Methyl 375 Selective Herbicide on Barley.
Wheat Lupins Leguminous Pasture Triticale	Wild Oats	WA, SA, VIC, NSW, ACT, QLD only	2-4 Leaf	1.5-2.0L use the higher rate at 4 leaf stage of Wild Oats.	
Peas	Common Barbrgrass	NSW, ACT only	2-4 Leaf	1.28L	
Oilseed poppies	Wild oats, Annual Ryegrass	Tas only	See Critical Comments	0.5-3L	
Turf Kikuyu Hybrid couch cv. Tifdwarf	Crowsfoot grass ( <i>Eleusine indica</i> )	NSW, ACT & QLD only	See Critical Comments	1L/ha or 100mL/1000m <sup>2</sup>	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, ie. 2-3 days pre- or post-mowing. Do not use on Ryegrass Turf.
Queensland Blue Couch				1 to 1.5L/ha or 100 to 150mL/1000m <sup>2</sup>	
Common couch, Buffalo, Hybrid couch, cv. Tifway, Carpet grass, Salt couch				1 to 2.5L/ha or 100 to 250mL/1000m <sup>2</sup>	

**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 treated areas or cut for stockfeed for 7 weeks after application.

**Do not allow treated areas of turf or turf clippings to be grazed or fed to livestock.**

**Crop harvest:** Not required when used as directed

## 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. United Farmers Diclofop - Methyl 375 Selective Herbicide has no effect on undersown legumes, broadleaf crops or broadleaf weeds.
4. United Farmers 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 United Farmers 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.

## APPLICATION

**Boom equipment:** United Farmers Diclofop - Methyl 375 Selective Herbicide can be applied in spray volumes of 50-150L per hectare using fan nozzles supplying a droplet size in the range of 150-300 micron range. Do not apply with boomless jets or misters. With ground boom sprays, better coverage and penetration may be obtained by setting nozzles at 45°C angle forward, particularly in dense crops.

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

**Surfactant:** 0.25% of a 1000g/L surfactant per 100L spray solution is recommended with United Farmers Diclofop - Methyl 375 Selective Herbicide in all situations where United Farmers 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 United Farmers Diclofop - Methyl 375 Selective Herbicide on sulphonyl urea sensitive crops.
2. Use only clean water, either rain water or local authority water.
3. Half fill the spray tank with clean water and add required amount of United Farmers Diclofop - Methyl 375 Selective Herbicide with agitation in action.
4. Add surfactant last.
5. When tank mixing with other chemicals, add United Farmers Diclofop - Methyl 375 Selective Herbicide after other water soluble products, but before flowables.

## COMPATIBILITY

### Insecticides

United Farmers Diclofop - Methyl 375 Selective herbicide is compatible with Dimethoate and Omethoate.

### Herbicides

#### A. Cereals

1. United Farmers Diclofop - Methyl 375 Selective Herbicide can be tank mixed with Bromoxynil, Bromoxynil plus MCPA (up to 1.4L/Ha), MCPA Ester (up to 700mL/Ha), Brodal(Tigrex) (up to 800mL/Ha) and Clopyralid 300( up to 150mL/Ha) for broadleaf weed control.

2. Low rates of sulfonyl urea's mixed with United Farmers 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 United Farmers 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 United Farmers 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 1000g/L surfactant i.e. 250mL per 100L spray solution.
5. Tank mixing with Bromoxynil plus MCPA , Tigrex( and MCPA Ester is not recommended when applying United Farmers Diclofop - Methyl 375 Selective Herbicide for Wild Oat control.)

## B. Lupins

1. United Farmers Diclofop - Methyl 375 Selective Herbicide can be tank mixed with Unidifen for control of some broadleaf weeds. **DO NOT ADD OIL**

## PROTECTION OF WILDLIFE, FISH, CRUSTACEA 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 to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. 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 before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. Break, crush, puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers should not be burnt.

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## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone: 131126).

## ADVICE TO PHYSICIAN

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

## HERBICIDE RESISTANCE

United Farmers Diclofop - Methyl 375 Selective Herbicide is a member of the Aryloxyphenoxypropionates group of herbicides.

<b>Group</b>	<b>A</b>	<b>Herbicide</b>
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Diclofop - Methyl 375 has the inhibitors of acetyl CoA carboxylase mode of Action. For weed resistance management Diclofop - Methyl 375 is a group A herbicide. Some naturally occurring weed biotypes resistant to Diclofop - Methyl 375 and other inhibitors of acetyl CoA carboxylase 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 Diclofop - Methyl 375 or other inhibitors of acetyl CoA carboxylase herbicides.

United Farmers 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 United Farmers Cooperative Ltd or the local Department of Agriculture.

To avoid further resistance problems, do not use United Farmers Diclofop - Methyl 375 Selective Herbicide. Do consult United Farmers Cooperative 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 United Farmers Diclofop - Methyl 375 Selective Herbicide.

Since the occurrence of resistant weeds is difficult to detect prior to use, United Farmers Cooperative Ltd accepts no liability for any losses that may result from the failure of Diclofop - Methyl 375 to control resistant weeds.

## MATERIAL SAFETY DATA SHEET

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UNITED FARMERS COOPERATIVE LIMITED.  
ACN 14 014 213 492  
2 Birksgate Road, PMB 10  
ROUS HEAD NORTH FREMANTLE WA 6105  
Phone (08) 9430 2222 Fax: (08) 9430 2233

<p><b>IN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE</b></p>	<p><b>FOR SPECIALIST ADVICE IN AN EMERGENCY CALL 1800 705 766 (24 HOURS)</b></p>
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