

**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**

**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.**

**Net: 20/110/200/1000 Litres**

**NRA Approval No.**

**ChemAg Pty Ltd ACN 009 234 691  
Suite 12, 11 Preston Street Como Western Australia 6152  
Tel: (08) 9367 1799 Fax: (08) 9368 6144**

**CHEMAG DICLOFOP-METHYL 375 SELECTIVE HERBICIDE****DIRECTIONS FOR USE****Restraints**

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

DO NOT apply if rainfall is expected within 2 hours.

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

| CROP  | WEED  | STATE                             | WEED STAGE               | RATE L/ha            | CRITICAL COMMENTS   |
|---|---|-----------------------------------|--------------------------|----------------------|---|
| Wheat,<br>Linseed,<br>Triticale,<br>Canola<br>(oilseed<br>Rape),<br>Safflower,<br>Cereal Rye,<br>Barley | Annual<br>(Wimmera)<br>Ryegrass                                     | All<br>States                     | 2 to 4 leaf              | 1                    | Apply generally 3 to 6 weeks<br>after sowing, when cereals<br>usually 2 to 5 leaves.<br>For Barley, apply only when<br>crop is 4 to 5 leaf stage.<br>Add wetting agent at 0.25%<br>active ingredient to water in<br>spray tank -Eg. 250ml<br>ChemAg Wetter 1000 / 100L<br>water. This is irrespective<br>of volume of water/ha or rate<br>of ChemAg Diclofop-Methyl<br>375 Selective Herbicide.   |
|   | Common<br>Barbgrass   | NSW<br>only                       |                          | 1.25                 |   |
| Lupins,<br>Peas   | Annual<br>Ryegrass  | NSW,<br>Vic, Tas,<br>SA, WA       | 2 to 4 leaf              | 1                    |   |
|   | Common<br>Barbgrass   | NSW only                          |                          | 1.25                 |   |
| Wheat,<br>Linseed,<br>Triticale,<br>Safflower,<br>Cereal Rye,<br>Barley,<br>Canola<br>(oilseed<br>rape) | Wild Oats   | All States                        | 2 to 3 leaf              | 1.5                  | For Barley, apply only when<br>crop is 4 to 5 leaf stage.<br>Avoid double spraying<br>(overlap) at the maximum<br>rate of 1.5 L:/ha.<br>In crops other than Barley,<br>use 2L rate if most weeds<br>are 3 to 4 leaf and if<br>spraying 4 to 6 weeks after<br>sowing, especially in<br>northern NSW and Qld. Add<br>Wetting agent as above.<br>Use 1.5L rate only if<br>growing conditions are very<br>favourable and weeds are 2<br>to 3 leaf, 3 to 4 weeks after<br>sowing, and cereals usually<br>2 to 3 leaf |
|   |   |                                   | 3 to 4 leaf              | 2<br>(not<br>Barley) |   |
| Lupins,<br>Peas   | Wild Oats   | NSW,<br>Vic, Tas, SA,<br>WA only. | 2 to 3 leaf              | 1.5                  |   |
|   |   |                                   | 3 to 4 leaf              | 2                    |   |
| Pasture<br>legume<br>seed crops   | Annual<br>Ryegrass  | All States                        | 2 to 4 leaf              | 1                    | Add wetting agent as<br>above. Ensure thorough<br>coverage of weeds.  |
|   | Wild Oats   |                                   |                          | 1.5 to 2             |   |
| Oilseed<br>poppies  | Wild Oats,<br>Annual<br>Ryegrass<br>(refer<br>critical<br>comments) | Tas only                          | See critical<br>comments | 0.5 to 3             | Do not add wetting agent.<br>Apply in accordance with<br>recommendations made by<br>the Department of<br>Agriculture or the poppy<br>contracting company.   |

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

**Withholding Period**

All crops - **DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 WEEKS AFTER APPLICATION.**

**GENERAL INSTRUCTIONS**

Results are best under good growing conditions. Application to weeds or crop under stress (Eg. Due to continuous severe frosts, dry, waterlogged, nutrient deficient or diseased conditions) should be avoided.

Wild oats germinating after application will often be stunted and will not be seriously compete with the crop. Application to crops with a covering of frost or dew has been successful but should be avoided in general. Spray mixture may be left overnight without significant loss of efficiency, if spraying cannot be completed. However, it is not recommended that this be general practice.

**Resistant Weeds Warning****GROUP A HERBICIDE**

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

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

**Application**

Aim to apply ChemAg Diclofop-Methyl 375 to base of weeds and ensure penetration.

**Mixing**

Add the required quantity of ChemAg Diclofop-Methyl 375 directly to the spray tank when 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 filled with bypass or mechanical agitation. It is recommended to use approximately 50 to 159L 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 30L water/ha with a steady cross wind and a swath width of 15 to 18 meters. Aim for a droplet size of 200 to 300 microns. Do not exaggerate swath width. Aircraft operators should consult manufacturer for details.

**Compatibility**

- Mixtures of ChemAg Diclofop-Methyl 375 with broadleaf herbicides may lead to a reduction in grass weed control. This reduction can be minimised by closely following all use recommendations and restrictions. The following table summarises the current knowledge on compatibility in Wheat, Barley, Triticale and Cereal Rye crops:

| Weed      | Tigrex®<br>(Up to<br>0.8L/ha) | Jaguar®<br>(Up to<br>0.75L/ha) | Eclipse®<br>(Up to<br>7g/ha) | Broadstrike®<br>(up to 25g/ha) | MCPA<br>LVE<br>500<br>(up to<br>700ml<br>/ha) | Bromoxy<br>nil 200 +<br>MCPA<br>200 (Up<br>to 1.4L<br>/ha) | Glean®<br>(Up to<br>15g/ha) | Lontrel®<br>(Up to<br>150ml/ha<br>) | Ally® | Bromoxynil |
|-----------|-------------------------------|--------------------------------|------------------------------|--------------------------------|---|--|-----------------------------|-------------------------------------|-------|------------|
| Ryegrass  | Yellow                        | Green                          | Green                        | Green                          | Yellow  | Yellow   | Yellow                      | Green                               | Red   | Green      |
| Wild Oats | Yellow                        | Yellow                         | Yellow                       | Red                            | Yellow  | Yellow   | Yellow                      | Green                               | Red   | Green      |

**Green**

Trials indicate no reduction in grass weed control when used as recommended.

Results at below recommended rates may indicate some reduction in some cases.

These mixtures can be used with minimal loss of activity under good growing conditions with all label recommendations followed.

**Yellow** Trials indicate some reduction in grass weed control at recommended rates, even under good growing conditions..

These mixtures will usually result in reduced grass weed control and cannot be recommended unless efficacy loss is accepted.

**Red** Trials at recommended rates indicate a severe reduction in grass weed control and/or significant crop injury.

ChemAg Diclofop-Methyl 375 may also be mixed with the following insecticides without a loss of activity: Dimethoate, Omethoate and Phosmet.

2. When mixing with broadleaf herbicides add surfactant Eg. ChemAg Wetter 1000, at the rate of 250 ml per 100L of spray solution. Reductions in grass weed control (as indicated above) can be minimised by using a minimum of 80L water per ha by ground and 30L by air, and if wild oats are present, use 2.0L of ChemAg Diclofop-Methyl 375/ha (except Barley). Do not use Bromoxynil + MCPA mixtures at rates above 1.4L/ha when mixing with ChemAg Diclofop-Methyl 375.
3. Allow at least 10 days between any application of ChemAg Diclofop-Methyl 375 and other herbicides containing 2,4-D, MCPA, Dicamba or other similar sprays, which should preferably follow ChemAg Diclofop Methyl 375..
4. For use in oilseed poppies in Tasmania only: ChemAg Diclofop-Methyl 375 may be mixed with pesticides as recommended by the Department of Agriculture or the poppy contacting company.
5. Where Phalaris is present, ChemAg Diclofop-Methyl 375 and Puma®S may be applied together at the respective recommended rates. Wetting agent should be added to this mixture at the rate recommended on the ChemAg Diclofop-Methyl 375 label.

#### **Protection of Wildlife, Fish, Crustaceans and Environment**

DO NOT contaminate streams, rivers or waterways 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 (Eg. Maize, Sorghum, Rice), crop lands or pasture.

Do not plant susceptible crops (Eg. Maize, Sorghum, Rice) for 10 weeks after application.

**Undersown clovers and medics** – ChemAg Diclofop-Methyl 375 does not affect undersown clovers or medics or other broadleaf crops, and has no activity against broadleaf weeds.

#### **Storage and Disposal**

Store in the closed, original container in a well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight.

Triple or 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**

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 contaminated clothing, gloves and face shield.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Center (Phone 131126). 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 available from ChemAg Pty. Ltd.

**Exclusion of Liability**

This product as supplied is of a high grade and suitable for the purpose for which it is expressly intended and must be used in accordance with the directions. The user must monitor the performance of any product as climatic, geographical or biological variables and/or developed resistance may affect the results obtained. No responsibility is accepted in respect of this product, save for those non-excludable conditions implied by the Trade Practices Act or any State or Federal legislation.

**NRA Approval No:**

Puma® is a registered Trademark of Hoechst Schering AgrEvo GmbH.

BS1000® is a registered Trademark of Orica Australia Ltd.

Glean and Ally® are Registered Trademarks of DuPont, Wilmington, Delaware, USA.

Tigrex® and Jaguar® are registered Trademarks of Rhone-Poulenc.

Eclipse®, Broadstrike® and Lontrel® are Registered Trademarks of Dow Elanco.

|   |
|---|
| <b>ENVIRONMENTALLY HAZARDOUS SUBSTANCES</b>         |
| <b>LIQUID, N.O.S. (CONTAINS METHYL NAPHTHALENE)</b> |
| <b>UN NO. 3082</b>                                  |
| <b>IN A TRANSPORT EMERGENCY</b>                     |
| <b>DIAL 000</b>                                     |
| <b>POLICE OR FIRE BRIGADE</b>                       |

**[MISCELLANEOUS]**

**[DANGEROUS]**

**[GOODS 9]**

**[DIAMOND]**

**[MARINE]**

**[POLLUTANT]**

**[TRIANGLE]**

**ChemAg Pty Ltd ACN 009 234 691**  
**Suite 12, 11 Preston Street Como Western Australia 6152**  
**Tel: (08) 9367 1799 Fax: (08) 9368 6144**