

# POISON

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



## Genfarm

# Diclofop-Methyl 375

## SELECTIVE HERBICIDE

**ACTIVE CONSTITUENT:** 375g/L DICLOFOP-METHYL  
**SOLVENT:** 535g/L HYDROCARBON LIQUID

Group	<b>A</b>	Herbicide
-------	----------	-----------

Genfarm Diclofop-Methyl 375 Selective Herbicide is for Post-emergent Control of Annual Ryegrass, Common Barbgrass and Wild Oats in Wheat, Barley and other Crops as listed in the Directions for Use table.

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**

**CONTENTS: 20 Litres**  
(5 Litres, 110 Litres, 200 Litres)

**Genfarm Crop Protection Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
Macquarie Park,  
NSW, 2113  
Tel: (02) 9889 5400

**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. Do not inhale vapour. When opening the container and preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length pvc gloves, and goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water.

**MATERIAL SAFETY DATA SHEET**

For further information refer to the Material Safety Data Sheet which is available from the supplier.

**CONDITIONS OF SALE**

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which the buyer uses it. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

IN EMERGENCY DIAL 000, POLICE OR FIRE BRIGADE	FOR SPECIALIST ADVICE IN AN EMERGENCY CALL <b>1800 033 111</b> <b>(24 HOURS)</b>
---	--

**Genfarm Crop Protection Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
Macquarie Park,  
NSW, 2113  
Tel: (02) 9889 5400

Batch No:

DOM

APVMA APPROVAL No: 59527/5/0105  
59527/20/0105  
59527/110/0105

59527/200/0105

# POISON

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



## Genfarm

# Diclofop-Methyl 375

## SELECTIVE HERBICIDE

**ACTIVE CONSTITUENT:** 375g/L DICLOFOP-METHYL  
**SOLVENT:** 535g/L HYDROCARBON LIQUID

Group	<b>A</b>	Herbicide
-------	----------	-----------

Genfarm Diclofop-Methyl 375 Selective Herbicide is for Post-emergent Control of Annual Ryegrass, Common Barbgrass and Wild Oats in Wheat, Barley and other Crops as listed in the Directions for Use table.

**IMPORTANT: READ THIS LEAFLET BEFORE USE**

**Genfarm Crop Protection Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
Macquarie Park,  
NSW, 2113  
Tel: (02) 9889 5400

**DIRECTIONS FOR USE****Restraints:**

Do NOT apply to weeds or crop under stress due to, for eg, 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, Barley Triticale, Cereal Rye, Canola (rapeseed), Safflower, Linseed	Annual (Wimmera) ryegrass	All States	2 to 4 leaf (Z12 to Z14)	1	Apply generally 3-6 weeks after sowing, when cereals are usually 2-5 leaf stage (Z12 - Z21). For barley, apply only when crop is 4 to 5 leaf stage. <b>For all crops add wetting agent</b> at 0.25% a.i. to water in spray tank - i.e. 250ml Wetter 1000/100L water. This is irrespective of volume of water/ha or rate of Genfarm Diclofop-Methyl 375 Selective Herbicide.
	Common barbgrass	NSW & ACT Only		1.25	
Lupins, Peas	Annual ryegrass	NSW, ACT, Vic, Tas, SA, WA only	1		
	Common barbgrass	NSW, ACT Only	1.25		
Wheat, Barley Triticale, Cereal Rye, Canola (rapeseed), Safflower, Linseed	Wild Oats	All States	2 to 3 leaf (Z12 to Z13)	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. <b>For all crops add wetting agent</b> as above. Use 1.5L rate only if growing conditions are very favourable and weeds are 2 to 3 leaf and cereals at 2 to 3 leaf stage (Z12 – Z13).
			3 to 4 leaf (Z13 to Z14)	2 (not barley)	
Lupins, Peas	Wild Oats	NSW, ACT, Vic, Tas, SA, WA only	2 to 3 leaf (Z12 to Z13)	1.5	
			3 to 4 leaf (Z13 to Z14)	2	
Pasture, Legume, Seed crops	Annual ryegrass	All States	2 to 4 leaf (Z12 to Z14)	1	<b>Add wetting agent</b> as above. Ensure thorough coverage of weeds.
	Wild Oats			1.5 to 2	
Oilseed poppies	Wild Oats, Annual ryegrass (refer critical comments)	Tas only	See critical comments	0.5 to 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 PERIOD**

**All crops:**

**DO NOT GRAZE OR CUT FOR STOCKFEED FOR 7 WEEKS AFTER APPLICATION.**

## GENERAL INSTRUCTIONS

The best results are obtained under good growing conditions, when the crops and weeds are actively growing. Application to weeds or crop under stress (eg. due to continuous frosts, dry, waterlogged, nutrient deficient or diseased 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 dew has been successful but generally should be avoided. If spraying cannot be completed spray mixture of Genfarm Diclofop-Methyl 375 Selective Herbicide in clean water may be left overnight without loss of efficiency. The mixture must be well agitated before spraying recommences. This is not recommended as standard practice.

## RESISTANT WEEDS WARNING

Group	A	Herbicide
-------	---	-----------

Genfarm Diclofop-Methyl 375 Selective Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. The product has the inhibitors of acetyl coA carboxylase mode of action. For weed resistance management Genfarm Diclofop-Methyl 375 Selective Herbicide is a Group A herbicide. Some naturally-occurring weed biotypes resistant to Conquest Diclofop Methyl Selective 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 Genfarm Diclofop-Methyl 375 Selective Herbicide or other Group A Herbicides. Since occurrence of resistant weeds is difficult to detect prior to use, Genfarm Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of Genfarm Diclofop-Methyl 375 Selective Herbicide to control resistant weeds.

## Export of Treated Produce

Growers should note that suitable MRL's or import tolerances may not be established in all markets for produce treated with Genfarm Diclofop-Methyl 375 Selective Herbicide. If you are growing produce for export, please check with Genfarm Crop Protection Pty Ltd, or your local Department of Agriculture for the latest information on MRL's and import tolerances BEFORE using Genfarm Diclofop-Methyl 375 Selective Herbicide.

## APPLICATION

Apply Genfarm Diclofop-Methyl 375 Selective Herbicide to base (growing point) of weeds. Equipment must be set to ensure penetration of the crop canopy.

## MIXING

Fill spray tank with approximately two-thirds of the required quantity of water. Add the recommended quantity of Genfarm Diclofop-Methyl 375 Selective Herbicide with the agitator turned on and top up with water to the total required volume. If a wetting agent is recommended, add to the tank just before tank is full of water to avoid excessive foaming.

## EQUIPMENT

**Ground Sprayers** - Standard boom sprays only are recommended and must be fitted with bypass 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** – Optimum results are 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.

## COMPATIBILITY

### Herbicides

- a. Mixtures of Genfarm Diclofop-Methyl 375 Selective Herbicide with other broadleaf herbicides may lead to a reduction in grass weed control and/or varying degrees of crop discolouration/damage. These effects can be minimised by closely following all recommendations and restrictions.

The following table summarises the current knowledge on compatibility in wheat, barley, triticale and cereal rye crops:

	<b>Ryegrass</b>	<b>Wild Oats</b>
Bromoxynil	√	√
Bromoxynil 200g/L + MCPA 200g/L (Up to 1.4L/ha)	√*	√*
Chlorsulfuron 750g/Kg (Up to 15g/ha)	√*	√*
Clopyralid 300g/L (Up to 150mL/ha)	√	√
Diflufenican 25g/L + Bromoxynil 250g/L (Up to 0.75 L/ha)	√	√*
Diflufenican 25g/L + MCPA ester 250g/L (Up to 0.8L/ha)	√*	√*
Flumetsulam 800g/Kg (Up to 25g/ha)	√	X
MCPA LVE 500g/L (Up to 700 mL/ha)	√*	√*
Metosulam 714g/Kg (Up to 7g/ha)	√	√*
Metsulfuron-methyl 600g/Kg	X	X

√ No reduction in grass weed control is expected when used as recommended. Minor crop discolouration may occur in some cases. These mixtures can be used with minimal loss of activity under good growing conditions provided that all label recommendations are followed.

√\* These mixtures may result in some reduction in grass weed control and/or minor crop discolouration at the recommended rates, even under good growing conditions. These mixtures are not recommended unless such loss of efficacy and possible crop discolouration is accepted.

X These mixtures result in severe reduction in grass weed control and/or significant crop injury and are not recommended.

- b. When mixing with broadleaf herbicides add surfactant at the rate of 250mL/100L of spray solution. Reductions in grass weed control (as indicated above) can be minimised by using a minimum of 80L of water/ha by ground and 30L by air, and if wild oats are present, use 2.0L Genfarm Diclofop Methyl 375 Selective Herbicide/ha (except barley). Do not use Bromoxynil + MCPA mixtures at rates at rates above 1.4 L/ha when mixing with Genfarm Diclofop Methyl 375 Selective Herbicide.
- c. Allow at least 10 days between any application of Genfarm Diclofop-Methyl 375 Selective Herbicide and other herbicides containing 2,4-D, MCPA, dicamba or other similar herbicides. It is preferable Genfarm Diclofop Methyl 375 Selective Herbicide should be sprayed before these herbicides.

- d. Oilseed poppies (in Tasmania only): Genfarm Diclofop-Methyl 375 Selective Herbicide may be mixed with pesticides as recommended by the Department of Agriculture or the poppy contracting company.
- e. Where phalaris is present, Genfarm Diclofop-Methyl 375 Selective Herbicide and Wildcat® (or 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 Genfarm Diclofop-Methyl 375 Selective Herbicide label. (Wildcat® and Puma®S are registered trademarks of Aventis CropScience Pty Ltd)

## **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 weather conditions or from spraying equipment, which may cause spray to drift onto nearby susceptible plants/crops (eg. maize, sorghum, rice) cropping lands or pasture. DO NOT plant susceptible crops (eg. maize, sorghum, rice) for 10 weeks after application.

## **UNDERSOWN CLOVERS AND MEDICS**

Genfarm Diclofop-Methyl 375 Selective Herbicide 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 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. Do not inhale vapour. When opening the container and preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length pvc gloves, and goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water.

## **MATERIAL SAFETY DATA SHEET**

For further information refer to the Material Safety Data Sheet which is available from the supplier.

**CONDITIONS OF SALE**

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which the buyer uses it. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

<b>IN EMERGENCY DIAL 000, POLICE OR FIRE BRIGADE</b>	<b>FOR SPECIALIST ADVICE IN AN EMERGENCY CALL 1800 033 111 (24 HOURS)</b>
--	---

**Genfarm Crop Protection Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
Macquarie Park,  
NSW, 2113  
Tel: (02) 9889 5400

Batch No:

DOM

APVMA APPROVAL No: 59527/0105

{Bar Codes:

5 L (933 537 100 126)

20 L (933 537 100 127)

110 L (933 537 100 128)

200 L (933 537 100 129)}