

# POISON

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



## *Diclofop 375EC*

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

**IMPORTANT: READ THE ATTACHED BOOKLET BEFORE OPENING OR USING THE PRODUCT**

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**Contents: 20L, 110L,  
200L, 1000L**

## 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, Wheat, Lupins, Leguminous, Pasture, Triticale, Peas	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 (Zadock 12-15) except Barley  4. Spray Barley at the 3-5 leaf stage (Zadock's 13-15) Do not exceed 1.5L per hectare of SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE on Barley.
	Wild Oats	WA, SA, VIC, NSW, ACT,QLD only		1.5-2.0L Use the higher rate at 4 leaf stage of Wild Oats.	
	Common Barbgrass	NSW, ACT only		1.28L	
Oilseed poppies	Wild oats, Annual Ryegrass	Tas only	See Critical Comments	0.5-3L	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	Crow'sfoot 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.
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>	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.

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

## WITHHOLDING PERIOD

**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

GROUP

**A**

HERBICIDE

## HERBICIDE RESISTANCE

1. Crop and weeds should be actively growing and free from stress such as water logging, 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. SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE has no effect on undersown legumes, broadleaf crops or broadleaf weeds.
4. SABAKEM® DICLOFOP 375EC 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 SABAKEM® DICLOFOP 375EC 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.

SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE is a member of the Aryloxyphenoxypropionates group of herbicides. SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE has the inhibitors of acetyl CoA carboxylase mode of Action. For weed resistance management SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE is a group A herbicide. Some naturally occurring weed biotypes resistant to SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE and other 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 SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE or other Group A Herbicides.

SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE sprayed paddocks should be closely monitored if the paddock has a previous history of diclofop methyl usage. If resistance is suspected contact Sabakem Pty Ltd or the local Department of Agriculture.

To avoid further resistance problems, do not use SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE. Do consult Sabakem 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 SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE. Since the occurrence of resistant weeds is difficult to detect prior to use, Sabakem Pty Ltd accepts no liability for any losses that may result from the failure of SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE to control resistant weeds.

## APPLICATION

**Boom equipment:** SABAKEM® DICLOFOP 375EC 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° 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 SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE in all situations where SABAKEM® DICLOFOP 375EC 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<sup>†</sup> has been used, follow the respective labels on cleaning service equipment prior to using SABAKEM® DICLOFOP 375EC 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 SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE with agitation in action.
4. Add surfactant last.
5. When tank mixing with other chemicals, add SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE after other water soluble products, but before flowables.

## COMPATIBILITY

### Insecticides

1. SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE is compatible with Dimethoate and SABAKEM® OMETHOATE 290SL INSECTICIDE.

### Herbicides

#### A Cereals

1. SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE can be tank mixed with Bromoxynil, Bromoxynil plus MCPA (up to 1.4L/Ha), MCPA Ester (up to 700mls/Ha), SABAKEM® DIFLUFENICAN 500 SC HERBICIDE, SABAKEM® TIGRESS 275EC HERBICIDE (up to 800mls/ Ha) and SABAKEM® CLOPYRALID 300SL SELECTIVE HERBICIDE (up to 150mls/ Ha) for broadleaf weed control.
2. Low rates of sulphonyl urea's mixed with SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE can cause antagonism resulting in reduced grass weed control, and may affect crop yields. Do NOT tank mix with SABAKEM® METSULFURON 600WG HERBICIDE.
3. Do not spray SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE within 10 days before or after an application of 2,4-D, MCPA, SABAKEM® DICAMBA 500SL SELECTIVE HERBICIDE or similar products. It is preferable SABAKEM® DICLOFOP 375EC 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, SABAKEM® TIGRESS 275EC HERBICIDE and MCPA Ester is not recommended when applying SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE for Wild Oat control.

#### B Lupins

1. SABAKEM® DICLOFOP 375EC SELECTIVE HERBICIDE can be tank mixed with SABAKEM® DIFLUFENICAN 500SC HERBICIDE 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, croplands 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.

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 500mm 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.

**Returnable Containers (110 L):** Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## **SAFETY DIRECTIONS**

Will irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale vapour. When opening the container, preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggle. 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: 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water.

## **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 Sabakem Pty Ltd.

## **CONDITIONS OF SALE**

The use of this product is beyond the control of Sabakem Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Sabakem Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Sabakem 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.

**For specialist advice in an emergency dial  
1 800 638 556  
24 hours Australia wide.**