

# POISON

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



## Rhino<sup>®</sup> 500

### Selective Herbicide

**ACTIVE CONSTITUENT: 500 g/L DICLOFOP-METHYL**

**SOLVENTS: 393 g/L HYDROCARBON LIQUID**

**80 g/L N-METHYL PYRROLIDONE**

For the post-emergent control of annual ryegrass and wild oats  
in wheat, barley, triticale and cereal rye as specified in the Directions for Use table.

**DIRECTIONS FOR USE:**

**RESTRAINTS:** DO NOT apply to weeds or crop 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.  
DO NOT apply this product or any other Group A Herbicide to any area more than once per cropping season.

CROP	WEED	WEED STAGE	RATE L/ha	CRITICAL COMMENTS
Wheat, barley, triticale, cereal rye (up to 5 leaf stage)	Annual (Wimmera) ryegrass	2 to 4 leaf (Z12 to Z14)	0.75	Apply generally 3 to 6 weeks after sowing, when cereals usually 2 to 5 leaves (Z12 to Z21). For <b>barley</b> , apply only when crop is 4 to 5 leaf stage. For all crops add wetting agent at 0.25% active ingredient to water in spray tank – eg. 250 mL BS1000*/100 L water. This is irrespective of volume of water/ha or rate of RHINO 500.
		Wild oats	2 to 3 leaf (Z12 to Z13)	1.1
			3 to 4 leaf (Z13 to Z14)	1.5 (not barley)

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

**WITHHOLDING PERIOD (WHP):**

**HARVEST (ALL CROPS): WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.**

**GRAZING (ALL CROPS): DO NOT GRAZE TREATED AREAS OR CUT FOR STOCK FOOD FOR 7 WEEKS AFTER APPLICATION.**



## GENERAL INSTRUCTIONS

Results are best 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 sometimes be stunted, and will not seriously compete with the crop. Application to crops with a covering of dew has been successful but should be avoided in general. If spraying cannot be completed, spray mixtures of RHINO 500 in clean water may be left overnight without significant loss of efficacy. The mixture should be well agitated before spraying re-commences. It is not recommended that this be general practice.

### RESISTANT WEEDS WARNING

FARMOZ RHINO 500 Selective Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. RHINO 500 is an inhibitor of acetyl coA carboxylase. For weed resistance management RHINO 500 is a Group A herbicide. Some naturally-occurring weed biotypes resistant to RHINO 500, 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 RHINO 500 or other Group A herbicides.

Paddocks sprayed with RHINO 500 should be closely monitored if the paddock has a previous history of diclofop-methyl usage. If resistance is suspected, contact FARMOZ Pty. Ltd. or the local Department of Agriculture. To avoid further problems, DO NOT use RHINO 500 or other Group A herbicides. Further advice on resistance management strategies is available from your local Department of Agriculture or FARMOZ Pty. Ltd. representative. Resistance should not be confused with poor application techniques, conditions or timing.

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

### EXPORT OF TREATED PRODUCE

Growers should note that suitable MRLs or import tolerances may not be established in all markets for produce treated with RHINO 500. If you are growing produce for export, please check with FARMOZ Pty. Ltd. for the latest information on MRLs and import tolerances BEFORE using RHINO 500.

### APPLICATION

Aim to apply RHINO 500 to the base (growing point) of weeds. Equipment must be set up to ensure penetration of the crop canopy.

### MIXING

Add the required quantity of RHINO 500 directly to the spray tank when about two-thirds full. Top up with water to required volume, with agitators in motion. Add wetting agent just before tank is full of water to avoid excessive frothing.

### EQUIPMENT

**Ground Sprayers:** Standard boom sprays only are recommended and must be fitted with by-pass 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. Application should be made using an enclosed cabin where possible.

**Aircraft:** Best results have been 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. Application should be made using an enclosed cabin where possible.

### COMPATIBILITY

1. Mixtures of RHINO 500 with broadleaf herbicides may lead to a reduction in grass weed control and/or varying degrees of crop discoloration/damage. These effects 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:

	Ryegrass	Wild oats
Tigrex* (Up to 0.8 L/ha)	Yellow	Yellow
Jaguar* (Up to 0.75 L/ha)	Green	Yellow
Eclipse* (Up to 7 g/ha)	Green	Yellow
Broadstrike* (Up to 25 g/ha)	Green	Red
MCPA LVE 500 g/L (Up to 700 mL/ha)	Yellow	Yellow
Buctril*	Green	Green
Buctril MA (Up to 1.4 L/ha)	Yellow	Yellow
Glean* (Up to 15 g/ha)	Yellow	Yellow
Lontrel* (Up to 150 mL/ha)	Green	Green
Ally*	Red	Red
Wildcat*/Puma* Progress	Green	Green



**GREEN** Trials indicate no reduction in grass weed control when used as recommended. There may be minor crop discoloration 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 and/or discoloration at recommended rates, even under good growing conditions. These mixtures will usually result in reduced grass weed control and cannot be recommended unless such efficacy loss and possible crop discoloration is accepted.

**RED** Trials at recommended rates indicate a severe reduction in grass weed control and/or significant crop injury. These mixtures cannot be recommended.

2. When mixing with broadleaf herbicides add surfactant eg. BS1000, at the rate of 250 mL per 100 L of spray solution. Reductions in grass weed control (as indicated above) can be minimised by using a minimum of 80 L water per ha by ground and 30 L by air, and if wild oats are present, use 1.5 L RHINO 500/ha (except barley). DO NOT use Buctril\* MA at rates above 1.4 L/ha when mixing with RHINO 500.

3. Allow at least 10 days between any application of RHINO 500 and other herbicides containing 2,4-D, MCPA, dicamba or other similar sprays, which should preferably follow RHINO 500.

4. Where phalaris is present, RHINO 500 and Wildcat\*/Puma\* Progress may be applied together at the respective recommended rates. Wetting agent should be added to this mixture at the usual rate recommended on the RHINO 500 label.

5. RHINO 500 may also be mixed with the following insecticides without a significant loss of activity: dimethoate, omethoate and phosmet.

### PRECAUTIONS

**Re-Entry:** DO NOT allow entry into treated areas until spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with this product or the used container.

### PROTECTION OF CROP, 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 (eg. maize, sorghum, rice), crop lands and pastures.

DO NOT plant susceptible crops (e.g. maize, sorghum, rice) for 10 weeks after application.

**Undersown clovers and medics:** RHINO 500 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.

**For refillable containers,** empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

### Envirodrum Micro Matic Valve (60 L, 110 L)

Store the original sealed Envirodrum in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the Envirodrum to the point of purchase. The Envirodrum remains the property of FARMOZ Pty. Ltd.



**SAFETY DIRECTIONS**

Will irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale vapour. If product is in eyes, wash out immediately with water. 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 goggles. 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 on 131126. If swallowed, DO NOT induce vomiting. Give a glass of water.

**MSDS**

A material safety data sheet for RHINO 500 is available from FARMOZ on request. Call Customer Service on (02) 9363 3611

**CONDITIONS OF SALE:** The use of FARMOZ RHINO 500 Selective Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by FARMOZ Pty. 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 FARMOZ Pty. Ltd. accepts no responsibility for any consequence whatsoever from the use of this product.

\* Other trademarks

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**PACK SIZE: 20 L, 60 L, 110 L, 200 L**

