

CAUTION

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

Tribal™

HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg TRIBENURON-METHYL

GROUP B HERBICIDE

For the control of certain broadleaf weeds in fallow and pre-crop situations as per Directions for Use

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE



Net Contents 500g



Ospray Pty Ltd ABN 23 110 199 169
50 Middleton Road
Cottonvale QLD 4375 AUSTRALIA
Phone: 1800 624 597
www.ospray.com.au
Part of the  CHEMINOVA Group

STORAGE AND DISPOSAL:

Store in the closed, original container in a dry, cool, well-ventilated area out of 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. Avoid contact with eyes. When preparing spray wear elbow-length PVC gloves and face shield or goggles. If product in eyes, wash out immediately with water. 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 and face shield or goggles.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

MATERIAL SAFETY DATA SHEET:

Additional information is listed in the Material Safety Data Sheet available from Ospray Pty Ltd.

EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label. Ospray Pty Ltd accepts no liability or responsibility for loss or damage arising from incorrect storage, handling or use.

™ Trademark of Ospray Pty Ltd

APVMA Approval No. 62095/500g/0509

B/N

DOM



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62095/0509



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DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply to weeds that are not actively growing or stressed by any cause such as adverse weather conditions, drought or waterlogging. Broadleaf weeds under stress frequently become less susceptible to herbicide activity. This may result in an incomplete kill or only growth suppression. If heavy grazing has occurred allow regrowth before spraying.

Minimum volumes of prepared spray to be applied: - ground application - 50 L/ha
- Aerial application - 20 L/ha

Use prepared spray suspensions within two days of preparation, otherwise significant breakdown may occur.

DO NOT apply if rainfall is expected within 2 hours.

Tribal Herbicide alone – NSW & Qld ONLY

SITUATION	WEEDS CONTROLLED	RATE g/ha	WEED GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
As a herbicide resistance countering measure, DO NOT use an ALS inhibitor herbicide in the crop following the use of Tribal Herbicide alone as a preceding fallow or pre-crop treatment				
FALLOW and PRE-CROP (Refer to Crop options section for minimum intervals between application and sowing)	Amaranthus/ Boggabri weed (<i>Amaranthus mitchellii</i>)	25	Apply up to the 10 leaf stage.	-
	Caltrop/Yellowvine (<i>Tribulus terrestris</i>)			
	Common Sowthistle/ Milk thistle (<i>Sonchus oleraceus</i>)			
	Deadnettle (<i>Lamium amplexicaule</i>)	Apply up to the 6 leaf stage.	If weeds are at a more advanced growth stage and/or are present in high numbers (greater than 50 per m ²) use a Glyphosate mixture as specified in Tribenuron-methyl + Glyphosate Tank mix table.	
	Medics (Native) (<i>Medicago</i> spp.)	30	Apply up to 5 cm diameter.	-
New Zealand Spinach (<i>Tetragonia tetragonoides</i>)	20	Apply up to the 10 leaf stage	-	
Prickly Lettuce (<i>Lactuca serriola</i>)	30	Apply up to the 4 leaf stage	If weeds are at a more advanced growth stage and/or are present in high numbers (greater than 50 per m ²) use a Glyphosate mixture as specified in Tribenuron-methyl + Glyphosate Tank mix table.	
Turnip weed (<i>Rapistrum rugosum</i>)	20	Apply up to flowering.		

Always add non-ionic surfactant (1000 g/L – non-buffering type) at 100 mL/ 100 L (0.1% v/v) of final spray volume. When applying product alone by air, in addition to a non-ionic surfactant add a mineral spray oil at 1 L/100 L (1 % v/v) of final spray volume.

Tribal Herbicide + Glyphosate Tank Mixes NSW & Qld Only

For the control of these weeds in addition to those in the Tribal Herbicide alone table.

SITUATION	WEEDS CONTROLLED	RATE g/ha	WEED GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
FALLOW and PRE-CROP (Refer to Crop Options section for minimum intervals between application and sowing)	Black bindweed (<i>Fallopia convolvulus</i>)	25 + Glyphosate (450 g/L) 600 mL/ha	Apply up to the 10 leaf stage.	For best control, apply to small actively growing weeds. Larger weeds are more difficult to control.
	Common Thornapple (<i>Datura stramonium</i>)	20 + Glyphosate (450 g/L) 400 mL/ha	Apply up to the 8 leaf stage.	
	Deadnettle (<i>Lamium amplexicaule</i>)	25 + Glyphosate (450 g/L) 400 mL/ha	Apply up to the 10 leaf stage	
	Mintweed (<i>Salvia reflexa</i>)	15 + Glyphosate (450 g/L) 600 mL/ha		
	Pigweed/Portulaca (<i>Portulaca oleracea</i>)	20 + Glyphosate (450 g/L) 600 mL/ha		
Prickly Lettuce (<i>Lactuca serriola</i>)			Apply up to the 6 leaf stage.	

Always add non-ionic surfactant (1000 g/L – non-buffering type) at 100 mL/100 L (0.1% v/v) of final spray volume.

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

WITHHOLDING PERIOD

NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Best results are obtained when Tribal Herbicide is applied to young actively growing weeds. The rate will depend on weed spectrum at time of application. The degree of control and duration of effect are dependent on rate used, sensitivity and size of target weeds and environmental conditions at the time of and following application.

Tribal Herbicide stops growth of susceptible weeds rapidly. However, typical symptoms of dying weeds (discolouration) may not be noticeable for 1 to 3 weeks after application depending on the environmental conditions and susceptibility. Warm, moist conditions following treatment promote the activity of Tribal Herbicide, while cold, dry conditions delay activity. Weeds hardened-off by cold weather and/or drought stress will be less susceptible.

Where recommended the addition of Glyphosate will enhance knockdown and control of weeds. It also helps minimise the risk of resistant weeds occurring.

RESISTANT WEEDS WARNING

GROUP B HERBICIDE

Tribal Herbicide is a member of the Sulfonylureas group of herbicides. The product has the inhibitors of acetolactate synthase (ALS inhibitors) mode of action. For weed resistance management the product is a Group B herbicide.

Some naturally-occurring weed biotypes resistant to the product and other Group B 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 this product or other Group B herbicides.

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

Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be taken to prevent seed set of these survivors.

DO NOT use a Group B herbicide against the same weed in the crop following the use of Tribal Herbicide alone either as a fallow or pre-crop treatment. This does NOT apply if the fallow or pre-crop use of Tribal Herbicide was tank mixed with Glyphosate.

Avoid the prolonged use of Group B herbicides on the same weed population.

If the user suspects that a Group B herbicide resistant weed is present, Tribal Herbicide or other Group B herbicides recommended for the control of that weed should not be used.

Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local Ospray representative.

CROP SAFETY

DO NOT apply chlorsulfuron, metsulfuron-methyl or triasulfuron products in a tank mix with this product as a fallow or pre-crop treatment.

SPRAY PREPARATION

Tribal Herbicide is a water dispersible granular formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Measure the amount of Tribal Herbicide required for the area to be sprayed. Add the correct amount of Tribal Herbicide to the spray tank with the agitation system engaged. Top up to the correct volume with water. THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION.

In tank mixes, Tribal Herbicide must be in suspension before adding the companion herbicide or surfactant/wetting agent.

COMPATIBILITY

Tribal Herbicide is compatible with glyphosate herbicides.

USE OF SURFACTANT/WETTING AGENT

Always add non-ionic surfactant (1000 g/L - non buffering type) at 100 mL/100 L (0.1 % v/v) of final spray volume. When applying Tribal Herbicide alone by air in addition to a non-ionic surfactant add a mineral spray oil at 1 L/100 L (1 % v/v) of final spray volume.

GROUND SPRAYING

Use a boom spray properly calibrated to a constant speed and rate of delivery to ensure thorough coverage and a uniform spray pattern. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping. Apply a minimum of 50 L prepared spray/ha.

AERIAL SPRAYING

Apply in a minimum of 20 L/ha water. Application in 30 L/ha will improve performance reliability. Avoid spraying in still conditions and in winds likely to cause drift onto adjacent sensitive crops or fallow areas likely to be planted to these crops - see Crop Options section. Turn off spray boom whilst passing over creeks and dams.

DO NOT apply when a temperature air inversion is likely to occur.

SPRAYER CLEANUP

To avoid subsequent injury to crops, immediately after spraying thoroughly remove all traces of Tribal Herbicide from mixing and spray equipment as follows:

1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.

3. Half fill tank with clean water adding household ammonia to give a 1% solution (equivalent ratios include 1/3 L household ammonia product containing 9.5 % ammonia) for each 100 L of tank volume. Agitate, and then flush the boom and hoses with the cleansing solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation engaged. Again flush the boom and hoses and drain tank completely.
4. Nozzles and screens should be removed and cleaned separately with ammonia solution at the same concentration as used for the sprayer.
5. Rinse the tank with clean water and flush through boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.
6. **DO NOT** spray the tank rinsate onto sensitive crop or land intended for cropping with sensitive crop.

NOTE: If not possible to drain the tank completely, step 3 must be repeated before going on to step 4.

CROP OPTIONS

Land previously treated with Tribal Herbicide may be sown to any of the specified crops after the interval indicated in the following table:

Minimum interval	Crops**
3 days	Barley, Oats, Wheat
# 7 or 21 days	Maize, Mungbeans, Sorghum, Soybeans, Sunflowers

NOTE: Tribal Herbicide is broken down in soil, primarily by chemical hydrolysis, but to a lesser degree by microbial degradation. Breakdown is fastest in warm, wet acid soils and slower in cold, dry alkaline soils. For the above summer crops, if minimum soil temperatures at planting depth are less than or equal to 15°C for three consecutive days, then plant back intervals should be extended to 21 days.

** As a herbicide resistance countering measure, DO NOT use a Group B herbicide in any of these crops following the use of Tribal Herbicide alone as a preceding fallow or pre-crop treatment.

Tolerance of other crops (grown through to maturity) should be determined on a small scale before resowing into larger areas.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS INCLUDING AQUATIC PLANTS

Injury to or loss of desirable trees, vegetation including aquatic plants may result from failure to observe the following:

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

PROTECTION OF LIVESTOCK

The use pattern is such that a withholding period for harvest or grazing is not required. It is recommended however, not to graze treated areas for 2 to 3 days to ensure adequate control is achieved.

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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.

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