CAUTION

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

TITAN

TRIBENURON 750 WG

HERBICIDE

ACTIVE CONSTITUENT: 750g/kg TRIBENURON-METHYL

GROUP **2** HERBICIDE

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

APVMA Approval No.: 83337/108079

Pack Size: 500g-5kg

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CROP PROTECTION

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IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL

DIRECTIONS FOR USE

When applying TITAN Tribenuron 750 WG Herbicide alone by air, in addition to a non-ionic surfactant, add a mineral spray oil at 1L/100L (1% v/v) of final spray volume.

Restraints: DO NOT apply to weeds that are not actively growing or stressed by any cause such as adverse weather conditions, drought, 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 - 50L/ha
- aerial application - 20L/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.

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 TITAN Tribenuron 750 WG 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 (*Amaranthus mitchellii*)	25	Apply up to the 10 leaf stage	
	Caltrop / Yellowvine (*Tribulus terrestris*)			
	Common Sowthistle / Milk Thistle (*Sonchus oleraceus*)			
	Deadnettle (*Lamium amplexicaule*)		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 TITAN Tribenuron 750 WG Herbicide + Glyphosate Tank mix table.
	Medics (Native) (*Medicago* spp.)	30	Apply up to 5cm diameter	
	New Zealand Spinach (*Tetragonia tetragonoides*)	20	Apply up to the 10 leaf stage	
	Prickly Lettuce (*Lactuca serriola*)	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 TITAN Tribenuron 750 WG Herbicide + Glyphosate Tank mix table.
	Turnip Weed (*Rapistrum rugosum*)	20	Apply up to flowering	
Always add non-ionic surfactant (1,000g/L – non buffering type) at 100mL/100L (0.1% v/v) of final spray volume.				

TITAN TRIBENURON 750 WG HERBICIDE + GLYPHOSATE TANK MIXES - NSW AND QLD ONLY

SITUATION	WEEDS CONTROLLED	RATE g/ha	WEED GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
For the control of these weeds in addition to those in the TITAN Tribenuron 750 WG Herbicide alone table.				
FALLOW and PRE-CROP (Refer to Crop options section for minimum intervals between application and sowing)	Black Bindweed (*Fallopia convolvulus*)	25 + Glyphosate (450g/L) 600mL/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 (*Datura stramonium*)	20 + Glyphosate (450g/L) 400mL/ha	Apply up to the 8 leaf stage	
	Deadnettle (*Lamium amplexicaule*)	25 + Glyphosate (450g/L) 400mL/ha	Apply up to the 10 leaf stage	
	Mintweed (*Salvia reflexa*)	15 + Glyphosate (450g/L) 600mL/ha		
	Pigweed / Portulaca (*Portulaca oleracea*)	20 + Glyphosate (450g/L) 600mL/ha		
	Prickly Lettuce (*Lactuca serriola*)		Apply up to the 6 leaf stage	
Always add non-ionic surfactant (1,000g/L – non buffering type) at 100mL/100L (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 PERIODS: NOT REQUIRED WHEN USED AS DIRECTED.

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

* **Note:** TITAN Tribenuron 750 WG 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 15^0C for three consecutive days, then plantback intervals should be extended to 21 days.

** As a herbicide resistance countering measure, DO NOT use an ALS inhibitor herbicide in any of these crops following the use of TITAN Tribenuron 750 WG Herbicide alone as a preceding fallow or pre-crop treatment.

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GENERAL INSTRUCTIONS
Best results are obtained when TITAN Tribenuron 750 WG 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. TITAN Tribenuron 750 WG 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 TITAN Tribenuron 750 WG 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.

CROP SAFETY
DO NOT apply TITAN Metsulfuron Herbicide, TITAN Triasulfuron Herbicide or TITAN Chlorsulfuron Herbicide in a tank mix with TITAN Tribenuron 750 WG Herbicide as a fallow or pre-crop treatment.

SPRAY PREPARATION
TITAN Tribenuron 750 WG Herbicide is a dry flowable formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Using the TITAN Tribenuron 750 WG Herbicide measuring cone provided, measure the amount of TITAN Tribenuron 750 WG Herbicide required for the area to be sprayed. Add the correct amount of TITAN Tribenuron 750 WG 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, TITAN Tribenuron 750 WG Herbicide must be in suspension before adding the companion herbicide or surfactant/wetting agent.

COMPATIBILITY
TITAN Tribenuron 750 WG Herbicide is compatible with glyphosate herbicides eg. TITAN Glyphosate 450 and TITAN Glyphosate 700.

Use of Surfactant/Wetting Agent
Always add non-ionic surfactant (1000g/L – non buffering type) at 100mL/100L (0.1% v/v) of final spray volume. When applying TITAN Tribenuron 750 WG Herbicide alone by air, in addition to a non-ionic surfactant, add a mineral spray oil at 1L/100L (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 50L prepared spray/ha.

Aerial Spraying
Apply in a minimum of 20L/ha water. Application in 30L/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 TITAN Tribenuron 750 WG 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 100L 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 TITAN Tribenuron 750 WG 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, Mung beans, Sorghum, Soybeans, Sunflowers

Note: TITAN Tribenuron 750 WG 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^{0}C for three consecutive days, then plantback intervals should be extended to 21 days.

** As a herbicide resistance countering measure, DO NOT use an ALS inhibitor herbicide in any of these crops following the use of TITAN Tribenuron 750 WG Herbicide alone as a preceding fallow or pre-crop treatment.

RESISTANT WEEDS WARNING

GROUP **2** HERBICIDE

TITAN Tribenuron 750 WG Herbicide is a member of the Sulfonylurea group of herbicides. The product has the Inhibitors of Acetolactate Synthase (ALS inhibitors) mode of action. For weed resistance management, TITAN Tribenuron 750 WG Herbicide is a Group 2 herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group 2 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 the product or other Group 2 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN Ag Pty Ltd accepts no liability for any losses that may result from 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 an ALS inhibitor herbicide against the same weed in the crop following the use of TITAN Tribenuron 750 WG Herbicide alone either as a fallow or pre-crop treatment. This does NOT apply if the fallow or pre-crop use of TITAN Tribenuron 750 WG Herbicide was tank mixed with glyphosate. Avoid the prolonged use of ALS inhibitor herbicides on the same weed population.
If the user suspects that an ALS inhibitor resistant weed is present, TITAN Tribenuron 750 WG Herbicide or other ALS inhibitors 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 TITAN AG Representative.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS
Injury to or loss of desirable trees, vegetation including aquatic plants may result from failure to observe the following:
Tolerance of other crops (grown through to maturity) should be determined on a small scale before resowing into larger areas.
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, 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.

STORAGE AND DISPOSAL
Store in the closed, original container in a dry, cool, well-ventilated area, out of direct sunlight. Keep from contact with fertilisers, insecticides, fungicides and seeds. DO NOT reuse container. Triple-rinse containers before disposal. Dispose of rinsate or any undiluted chemical according to state/territory legislative requirements. 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 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

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regulations. DO NOT burn empty containers or product.

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; New Zealand 0800 764 766.

SAFETY DATA SHEET
Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Tribenuron 750 WG Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit www.titanag.com.au

CONDITIONS OF SALE: TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects. Precautionary Statements: Avoid breathing dusts. Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves, protective clothing and eye or face protection. Take off contaminated clothing and wash before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice. Collect spillage. In case of fire, use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires. Protect from sunlight. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool.

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