

20MM PEEL STRIP



**POISON**

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

TITAN

# Tebuthiuron Aerial

Herbicide

ACTIVE CONSTITUENT: 200 g/kg TEBUTHIURON

**GROUP C HERBICIDE**

For control of brigalow regrowth, tea tree regrowth, *Mimosa pigra* and certain problem woody weeds on grazing lands as specified in the directions for use table by aerial application.

NET CONTENTS 25kg



TITAN AG Pty Ltd ABN 57 122 081 574  
3/14 Narabang Way, Belrose NSW 2085  
Telephone 02 9986 2943 Fax 02 9986 2945  
www.titanag.com.au

## GENERAL INSTRUCTIONS

### REVIEW THE RESTRAINTS BEFORE READING THESE INSTRUCTIONS

TITAN Tebuthiuron Aerial Herbicide may be applied at any time of the year. Treatments become effective after sufficient rainfall has occurred to move the chemical into the root zone where it is absorbed by woody plants. Applications just prior to seasonal rainfall give the most rapid response.

Herbicidal activity will continue for several seasons after application. During this time woody plants may go through repeated defoliation's and regrowths until death occurs. A single application is normally effective for several years.

Forage grass production usually increases as woody weed competition is reduced. Increased grass production is also dependant on adequate rainfall and an acceptable grazing management programme.

It is important to allow grasses to seed and seedlings to become established after treatment before grazing pressure is increased. Areas treated with TITAN Tebuthiuron Aerial Herbicide may be overseeded with suitable pasture species. Consult your agricultural specialist for details on suitable seeding rates, timing and fertiliser application programme.

The residual action of TITAN Tebuthiuron Aerial Herbicide may be impaired if fire occurs before clay pellets are dissolved and the chemical has moved into the root zone.

### CLEANING APPLICATION EQUIPMENT

Thoroughly clean all traces of TITAN Tebuthiuron Aerial Herbicide from vessels holding pellets e.g. bucket and gloves after use.

**Residues cleaned from this application equipment should not be emptied on areas where they will contact roots of desirable trees, shrubs or plants.**

### RESISTANT WEEDS WARNING

TITAN Tebuthiuron Aerial Herbicide is a member of the Ureas group of herbicides. The product has inhibitors of photo-synthesis at photosystem II mode of action. For weed resistance management, the product is a Group C herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group C 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 C 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 the failure of this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture of TITAN AG representative.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT allow any roots of desirable plants, trees or ornamentals to contact TITAN Tebuthiuron Aerial Herbicide. Thoroughly clean all traces of TITAN Tebuthiuron Aerial Herbicide from application equipment after use.

**Residues cleaned from the application equipment should not be emptied on areas where they contact roots of desirable trees, shrubs or plants.**

TITAN Tebuthiuron Aerial Herbicide may cause temporary herbicidal symptoms to appear on perennial grasses, including Buffel Grass, particularly after extended dry periods. Higher rates of application of TITAN Tebuthiuron Aerial Herbicide (20 kg/ha) may kill grasses, particularly native annuals. This effect can be minimised by application when grasses are dormant (Autumn application). TITAN Tebuthiuron Aerial Herbicide may seriously injure desirable forage plants such as pasture legumes and other broadleaf plants. These species may regenerate in subsequent seasons.

### PROTECTION OF LIVESTOCK

Poisonous plants may become more palatable after application of granules and stock should be kept away from these plants until they have died down.

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

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

### STORAGE AND DISPOSAL

Store in the closed original container in a dry, cool well-ventilated area out of direct sunlight. DO NOT dispose of granules on site. DO NOT store near food, feedstuffs, fertilisers or seed.

**For Refillable bags:** Empty contents fully into application equipment. The bag remains the property of TITAN AG Pty Ltd and must be returned to designated supplier(s). Empty bags and product should not be burnt.

### SPILL AND LEAK MANAGEMENT

Sweep up material for disposal and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). Report large spills to TITAN AG Pty Ltd on 02 9986 2943.

### SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and preparing the product and using the prepared product wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

### FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

### MATERIAL SAFETY DATA SHEET

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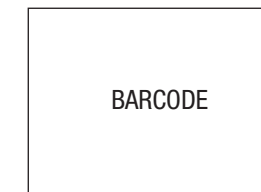
**CONDITIONS OF SALE:** TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product 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.

\* Other trademarks

IN A TRANSPORT EMERGENCY  
**DIAL 000**  
POLICE OR FIRE BRIGADE



BATCH NO:



DATE OF MANUFACTURE:

APVMA Approval No.: 63902/25kg/0610

CODE

# TITAN Tebuthiuron Aerial Herbicide

## DIRECTIONS FOR USE

### RESTRAINTS:

**PRIOR TO AERIAL APPLICATION:** A recommendation for the rate and area to be treated will only be made after a detailed paddock inspection by an accredited appointee.

- **AERIAL APPLICATION** of TITAN Tebuthiuron Aerial Herbicide will only be carried out by TITAN AG approved or accredited applicators.

**DO NOT** apply this product to salt or erosion prone areas.

**DO NOT** apply this product within 100 metres of a recognised water course.

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide on land with a slope greater than 20 percent (11 degrees).

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide under conditions which will cause pellet movement to non-target areas during application.

**RETAIN** at least 20 percent of the original tree population in wildlife corridors that are at least 100 metres wide.

These are essential for shade and protection of livestock and native fauna. Ideally, shelter belts should traverse variable terrain, particularly ridgelines and hill tops as well as water courses, and link other vegetated corridors where possible.

**FOR LONG TERM VIABILITY** retain a minimum of 5 hectares for shade areas, regardless of vegetation type.

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide on field crops, near desirable trees or shrubs or to areas into which their roots may extend or in locations where the chemical may be washed into contact with their roots as injury or death may occur.

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide to land to be put under field crops within 5 years of application.

## Table 1: Aerial Application (NT only)

See **GENERAL INSTRUCTIONS – APPLICATION** section for application method details.

SITUATION	WEEDS CONTROLLED	RATE kg/ha	CRITICAL COMMENTS
Giant sensitive tree on grazing land and other grasslands	Giant Sensitive Tree ( <i>Mimosa pigra</i> )	5 to 10	Apply after the onset of storms (to moisten soil, close soil cracks (where applicable) and freshen growth of Giant Sensitive Tree) and before wet season surface flooding. Repeat application may be required in year two for long term control. Some grass suppression may occur.
Other woody weeds on grazing land	Parkinsonia ( <i>Parkinsonia aculeata</i> )	10 to 15	Use the high rate on dense growth or heavy clay soils.
	Prickly Acacia ( <i>Acacia nilotica</i> )		
	Poplar Gum ( <i>Eucalyptus platyphylla</i> )	7.5 to 10	
	Rubbervine ( <i>Cryptostegia grandiflora</i> )	7.5 to 15	

## Table 2: Aerial Application (Qld only)

See **GENERAL INSTRUCTIONS – APPLICATION** section for application method details.

SITUATION	WEEDS CONTROLLED	RATE kg/ha	CRITICAL COMMENTS
Brigalow regrowth and associated problem woody weeds on grazing land	Belah ( <i>Casuarina pauper</i> ), Brigalow ( <i>Acacia harpophylla</i> ), Currant Bush ( <i>Carissa ovata</i> ), Dawson Gum ( <i>Eucalyptus cambageana</i> ), Limebush ( <i>Eremocitrus glauca</i> ) Poplar Box ( <i>Eucalyptus populnea</i> ), Scrub Boonaree ( <i>Heterodendrum diversifolium</i> ) Whitewood ( <i>Atalaya hemiglaucata</i> ), Wild Rosemary ( <i>Cassinia laevis</i> ), Yellowwood ( <i>Terminalia oblongata</i> )	7.5 to 15	For Brigalow areas, a guide to the recommended rates is: 7.5 kg for lighter duplex soils, 10 kg for medium density re-growth on light clay soils, 12.5 kg and above for heavy density re-growth on heavy acidic clays.
	False Sandalwood* ( <i>Eremophila mitchellii</i> )	10 to 15	* On False Sandalwood partial control and suppression only will be obtained at the specified rate.
Tea tree regrowth and associated woody weeds on grazing land	Broadleaf Tea Tree ( <i>Melaleuca viridiflora</i> ), Paperbark Tea Tree ( <i>Melaleuca vervosa</i> )	5 to 7.5	For tea tree use the highest rate if the area is prone to waterlogging. Excessive rainfall or waterlogging may reduce control.
	Cocky Apple* ( <i>Planchonia careya</i> ), Swamp Box ( <i>Lophostemon suaveolens</i> )	10	* For Cocky Apple partial control and suppression only will be given with the specified rate.
Other woody weeds on grazing land	Gidgee ( <i>Acacia cambagei</i> )	5 to 10	Use the higher rate on dense growth or heavy clay soils.
	Parkinsonia ( <i>Parkinsonia aculeata</i> )	10 to 15	
	Prickly Acacia ( <i>Acacia nilotica</i> )		
	Poplar Gum ( <i>Eucalyptus platyphylla</i> )	7.5 to 10	
	Rubber Vine ( <i>Cryptostegia grandiflora</i> )	7.5 to 15	
Eucalypt woodland management using Property Management Planning Principles	Poplar Box ( <i>Eucalyptus populnea</i> )	7.5 to 10	Use the higher rate on dense growth or heavier clay soils. To be used in accordance with any "Tree Clearing Guidelines" and 30% intact retention of species as per relevant Vegetation Management Act. Use only for re-growth control, not clearing of virgin bush.

**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.**

**FOR NATIVE VEGETATION:** Use of TITAN Tebuthiuron Aerial Herbicide on native vegetation must be done in accordance with STATE and/or LOCAL legislation, including the Vegetation Management Act 2000 in Queensland.

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NET CONTENTS 500kg



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Herbicidal activity will continue for several seasons after application. During this time woody plants may go through repeated defoliation's and regrowths until death occurs. A single application is normally effective for several years.

Forage grass production usually increases as woody weed competition is reduced. Increased grass production is also dependant on adequate rainfall and an acceptable grazing management programme.

It is important to allow grasses to seed and seedlings to become established after treatment before grazing pressure is increased. Areas treated with TITAN Tebuthiuron Aerial Herbicide may be overseeded with suitable pasture species. Consult your agricultural specialist for details on suitable seeding rates, timing and fertiliser application programme.

The residual action of TITAN Tebuthiuron Aerial Herbicide may be impaired if fire occurs before clay pellets are dissolved and the chemical has moved into the root zone.

**CLEANING APPLICATION EQUIPMENT**

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**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

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**PROTECTION OF LIVESTOCK**

Poisonous plants may become more palatable after application of granules and stock should be kept away from these plants until they have died down.

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

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**STORAGE AND DISPOSAL**

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**GROUP C HERBICIDE**

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**SPILL AND LEAK MANAGEMENT**

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**MATERIAL SAFETY DATA SHEET**

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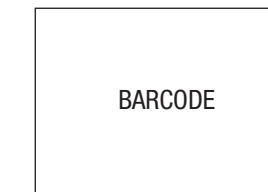
**CONDITIONS OF SALE:** TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product 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.

\* Other trademarks

IN A TRANSPORT EMERGENCY  
**DIAL 000**  
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BATCH NO:



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APVMA Approval No.: 63902/500kg/0610

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# TITAN Tebuthiuron Aerial Herbicide

## DIRECTIONS FOR USE

### RESTRAINTS:

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These are essential for shade and protection of livestock and native fauna. Ideally, shelter belts should traverse variable terrain, particularly ridgelines and hill tops as well as water courses, and link other vegetated corridors where possible.

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**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide to land to be put under field crops within 5 years of application.

## Table 1: Aerial Application (NT only)

See **GENERAL INSTRUCTIONS – APPLICATION** section for application method details.

SITUATION	WEEDS CONTROLLED	RATE kg/ha	CRITICAL COMMENTS
Giant sensitive tree on grazing land and other grasslands	Giant Sensitive Tree ( <i>Mimosa pigra</i> )	5 to 10	Apply after the onset of storms (to moisten soil, close soil cracks (where applicable) and freshen growth of Giant Sensitive Tree) and before wet season surface flooding. Repeat application may be required in year two for long term control. Some grass suppression may occur.
Other woody weeds on grazing land	Parkinsonia ( <i>Parkinsonia aculeata</i> )	10 to 15	Use the high rate on dense growth or heavy clay soils.
	Prickly Acacia ( <i>Acacia nilotica</i> )		
	Poplar Gum ( <i>Eucalyptus platyphylla</i> )	7.5 to 10	
	Rubbervine ( <i>Cryptostegia grandiflora</i> )	7.5 to 15	

## Table 2: Aerial Application (Qld only)

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NET CONTENTS 1000kg



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**GROUP C HERBICIDE**

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Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for TITAN Tebuthiuron Aerial Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9986 2943 or visit www.titanag.com.au

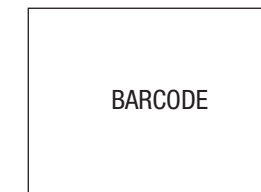
**CONDITIONS OF SALE:** TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product 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.

\* Other trademarks

IN A TRANSPORT EMERGENCY  
**DIAL 000**  
POLICE OR FIRE BRIGADE



BATCH NO:



DATE OF MANUFACTURE:

APVMA Approval No.: 63902/1000kg/0610

CODE

# TITAN Tebuthiuron Aerial Herbicide

## DIRECTIONS FOR USE

### RESTRAINTS:

**PRIOR TO AERIAL APPLICATION:** A recommendation for the rate and area to be treated will only be made after a detailed paddock inspection by an accredited appointee.

- **AERIAL APPLICATION** of TITAN Tebuthiuron Aerial Herbicide will only be carried out by TITAN AG approved or accredited applicators.

**DO NOT** apply this product to salt or erosion prone areas.

**DO NOT** apply this product within 100 metres of a recognised water course.

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide on land with a slope greater than 20 percent (11 degrees).

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide under conditions which will cause pellet movement to non-target areas during application.

**RETAIN** at least 20 percent of the original tree population in wildlife corridors that are at least 100 metres wide.

These are essential for shade and protection of livestock and native fauna. Ideally, shelter belts should traverse variable terrain, particularly ridgelines and hill tops as well as water courses, and link other vegetated corridors where possible.

**FOR LONG TERM VIABILITY** retain a minimum of 5 hectares for shade areas, regardless of vegetation type.

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide on field crops, near desirable trees or shrubs or to areas into which their roots may extend or in locations where the chemical may be washed into contact with their roots as injury or death may occur.

**DO NOT** apply TITAN Tebuthiuron Aerial Herbicide to land to be put under field crops within 5 years of application.

## Table 1: Aerial Application (NT only)

See **GENERAL INSTRUCTIONS – APPLICATION** section for application method details.

SITUATION	WEEDS CONTROLLED	RATE kg/ha	CRITICAL COMMENTS
Giant sensitive tree on grazing land and other grasslands	Giant Sensitive Tree ( <i>Mimosa pigra</i> )	5 to 10	Apply after the onset of storms (to moisten soil, close soil cracks (where applicable) and freshen growth of Giant Sensitive Tree) and before wet season surface flooding. Repeat application may be required in year two for long term control. Some grass suppression may occur.
Other woody weeds on grazing land	Parkinsonia ( <i>Parkinsonia aculeata</i> )	10 to 15	Use the high rate on dense growth or heavy clay soils.
	Prickly Acacia ( <i>Acacia nilotica</i> )		
	Poplar Gum ( <i>Eucalyptus platyphylla</i> )	7.5 to 10	
	Rubbervine ( <i>Cryptostegia grandiflora</i> )	7.5 to 15	

## Table 2: Aerial Application (Qld only)

See **GENERAL INSTRUCTIONS – APPLICATION** section for application method details.

SITUATION	WEEDS CONTROLLED	RATE kg/ha	CRITICAL COMMENTS
Brigalow regrowth and associated problem woody weeds on grazing land	Belah ( <i>Casuarina pauper</i> ), Brigalow ( <i>Acacia harpophylla</i> ), Currant Bush ( <i>Carissa ovata</i> ), Dawson Gum ( <i>Eucalyptus cambageana</i> ), Limebush ( <i>Eremocitrus glauca</i> ) Poplar Box ( <i>Eucalyptus populnea</i> ), Scrub Boonaree ( <i>Heterodendrum diversifolium</i> ) Whitewood ( <i>Atalaya hemiglaucata</i> ), Wild Rosemary ( <i>Cassinia laevis</i> ), Yellowwood ( <i>Terminalia oblongata</i> )	7.5 to 15	For Brigalow areas, a guide to the recommended rates is: 7.5 kg for lighter duplex soils, 10 kg for medium density re-growth on light clay soils, 12.5 kg and above for heavy density re-growth on heavy acidic clays.
	False Sandalwood* ( <i>Eremophila mitchellii</i> )	10 to 15	* On False Sandalwood partial control and suppression only will be obtained at the specified rate.
Tea tree regrowth and associated woody weeds on grazing land	Broadleaf Tea Tree ( <i>Melaleuca viridiflora</i> ), Paperbark Tea Tree ( <i>Melaleuca vervosa</i> )	5 to 7.5	For tea tree use the highest rate if the area is prone to waterlogging. Excessive rainfall or waterlogging may reduce control.
	Cocky Apple* ( <i>Planchonia careya</i> ), Swamp Box ( <i>Lophostemon suaveolens</i> )	10	* For Cocky Apple partial control and suppression only will be given with the specified rate.
Other woody weeds on grazing land	Gidgee ( <i>Acacia cambagei</i> )	5 to 10	Use the higher rate on dense growth or heavy clay soils.
	Parkinsonia ( <i>Parkinsonia aculeata</i> )	10 to 15	
	Prickly Acacia ( <i>Acacia nilotica</i> )		
	Poplar Gum ( <i>Eucalyptus platyphylla</i> )	7.5 to 10	
	Rubber Vine ( <i>Cryptostegia grandiflora</i> )	7.5 to 15	
Eucalypt woodland management using Property Management Planning Principles	Poplar Box ( <i>Eucalyptus populnea</i> )	7.5 to 10	Use the higher rate on dense growth or heavier clay soils. To be used in accordance with any "Tree Clearing Guidelines" and 30% intact retention of species as per relevant Vegetation Management Act. Use only for re-growth control, not clearing of virgin bush.

**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.**

**FOR NATIVE VEGETATION:** Use of TITAN Tebuthiuron Aerial Herbicide on native vegetation must be done in accordance with STATE and/or LOCAL legislation, including the Vegetation Management Act 2000 in Queensland.