

# POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# Graslan\* Aerial Herbicide

ACTIVE CONSTITUENT: 200 g/kg TEBUTHIURON

**GROUP C HERBICIDE**

For control of brigalow re-growth, tea tree re-growth, *Mimosa pigra* and certain problem woody weeds on grazing lands as specified in the Directions For Use table by aerial application.

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CUSTOMER SERVICE TOLL FREE 1-800 700 096

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## 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 Dow AgroSciences or accredited appointee.
- AERIAL APPLICATION of Graslan Aerial will only be carried out by Dow AgroSciences 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 Graslan Aerial on land with a slope greater than 20 percent (11 degrees).
- DO NOT apply Graslan Aerial during rainy conditions, when wind exceeds 20 km/hr (11 knots), or 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 Graslan Aerial 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 Graslan Aerial 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 lands	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 re-growth 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 hemiglauca</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 re-growth 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 at the specified rate.
Other woody weeds on grazing land	Gidgee ( <i>Acacia cambagei</i> )	5 to 10	Use the high rate on dense growth or heavy clay soils.
	Parkinsonia ( <i>Parkinsonia aculeata</i> )	10 to 15	
	Prickly acacia ( <i>Acacia nilotica</i> )	7.5 to 10	
	Poplar gum ( <i>Eucalyptus platyphylla</i> )		
	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 Graslan Aerial on native vegetation must be done in accordance with STATE and/or LOCAL legislation, including the Vegetation Management Act in Queensland.

## **GENERAL INSTRUCTIONS**

### **REVIEW THE RESTRAINTS BEFORE READING THESE INSTRUCTIONS.**

### **APPLICATION**

Graslan Aerial 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 defoliations and re-growth until death occurs. A single application is normally effective for several years. Forage grass production increases as woody weed competition is reduced. Increased grass production is dependant on adequate rainfall and an acceptable grazing management programme.

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

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

#### **1. Aerial Application**

Aerial application to be conducted in accordance with "Graslan Aerial Herbicide Code of Practice 2006."

### **CLEANING APPLICATION EQUIPMENT**

Thoroughly clean all traces of Graslan Aerial from application equipment 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**

## **GROUP C HERBICIDE**

Graslan 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 inhibitors of Group C herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences 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 or local Dow AgroSciences representative.

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

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

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

Graslan Aerial may cause temporary herbicidal symptoms to appear on perennial grasses, including buffel grass, particularly after extended dry periods. Higher rates of application of Graslan Aerial (20 kg/ha) may kill grasses, particularly native annuals. This effect can be minimised by application when grasses are dormant (autumn application).

Graslan Aerial 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 Dow AgroSciences and must be returned to designated supplier(s).

Empty bags and product should not be burnt.

### **SPILLS/LEAKS MANAGEMENT**

Sweep up material for disposal and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). Report large spills to Dow AgroSciences Emergency Services on 1-800 033 882.

## 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 spray and using the prepared spray 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

Additional information is listed on the Material Safety Data Sheet for **GRASLAN AERIAL HERBICIDE**, which is available from Dow AgroSciences on request. Call Customer Service Toll Free on 1-800 700 096 or visit [www.dowagrosciences.com.au](http://www.dowagrosciences.com.au)

## NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by Dow AgroSciences, or under abnormal conditions.

APVMA Approval No: 61214/0207

**EMERGENCY RESPONSE  
(ALL HOURS)  
RING FROM ANYWHERE  
IN AUSTRALIA  
1-800 033 882  
(LOCAL CALL FEE ONLY)**

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