

POISON

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

Graziers

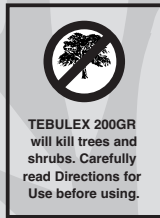
TEBULEX 200GR HERBICIDE

ACTIVE CONSTITUENT: 200g/kg TEBUTHIURON

GROUP **C** HERBICIDE

For control of brigalow regrowth, teatree regrowth. *Mimosa pigra* and certain problem woody weeds on grazing lands as specified in the Directions For Use Table by hand, aerial and ground application.

IMPORTANT: READ THIS LEAFLET BEFORE USE



DIRECTIONS FOR USE: Aerial and Ground Application

See GENERAL INSTRUCTIONS – APPLICATION METHODS Section for application method details

SITUATION	WEEDS CONTROLLED	STATE	RATE kg/ha	CRITICAL COMMENTS
Brigalow regrowth and associated problem woody weeds on grazing land	Belah Brigalow Currant bush Dawson gum Limebush Poplar box Scrub boonaree Whitewood Wild rosemary Yellowwood	Qld only	7.5 to 15	For brigalow areas, a guide to the recommended rates is 7.5kg for lighter duplex soils, 10kg for medium density regrowth on light clay soils, 12.5kg and above for heavy density regrowth on heavy acidic clays.
	False sandalwood (1)		10 to 15	
Teatree regrowth and associated woody weeds on grazing land	Broadleaf teatree Paperbark teatree	Qld only	5 to 7.5	For teatree use the highest rate if the area is prone to waterlogging. Excessive rainfall or waterlogging may reduce control. (2) For Cocky Apple partial control and suppression only will be given at the specified rate.
	Cocky apple (2) Swamp Box		10	
Other woody weeds on grazing land	Gidgee	Qld only	5 to 10	Use the high rate on dense growth or heavy clay soils.
	Parkinsonia	Qld & NT only	10 to 15	
	Prickly acacia		7.5 to 10	
	Polar Gum		7.5 to 15	
	Rubber Vine			
Eucalypt woodland management using Property Management Planning Principles	Poplar Box	Qld only	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 20% intact retention of species.
Giant sensitive plant on grazing land and other grasslands	<i>Mimosa pigra</i>	NT only	5 to 10	Apply after the onset of storms (to moisten soil, close soil cracks – where applicable – and freshen growth of giant sensitive plant) and before wet season surface flooding. Repeat application may be required in year two for long term control. Some grass suppression may occur.

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

DIRECTIONS FOR USE: Hand Application

See GENERAL INSTRUCTIONS – APPLICATION METHODS Section for application method details

RESTRAINTS

- DO NOT apply this product to salt or erosion prone areas.
- DO NOT apply this product within 100m of a recognised water course.
- DO NOT apply TEBULEX 200GR on land with a slope greater than 20 percent (11 degrees).
- DO NOT apply TEBULEX 200GR 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 100m 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 5ha for shade areas, regardless of vegetation type
- DO NOT apply TEBULEX 200GR 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 TEBULEX 200GR to land to be put under field crops within 5 years of application.

SITUATION	WEEDS CONTROLLED	STATE	RATE g/m ²	CRITICAL COMMENTS
Brigalow regrowth and associated problem woody weeds on grazing land	Belah	Qld only	1.5	Estimate the area within 30cm beyond the drip zone of each target weed or group of weeds and calculate the amount of TEBULEX 200GR to cover area to be treated. Distribute the required dose uniformly within this area. Use the higher rate for heavy density regrowth and heavy clay soils.
	Brigalow	NSW & Qld only	1 to 1.5	
	Currant bush			
	Dawson gum	Qld only	1	
	False sandalwood (1)	NSW & Qld only	2	
	Holly bush		1.5	
	Limebush		1	
	Poplar box	Qld only		
Whitewood	NSW, Qld & NT only			
Yellowwood	Qld only			
Teatree regrowth and associated woody weeds on grazing land	Black teatree	Qld, WA & NT only	1.5	(1) Some suppression of these species is provided by the rates given. (2) DO NOT use within 30m of trees. DO NOT apply to single continuous area greater than 0.5ha in size.
	Broadleaf teatree		1	
	Cocky apple (1)		2	
	Paperbark teatree		1.5	
	Poplar gum			
	Swamp box		2	
Other woody weeds on grazing land	African boxthorn	NSW, Qld & NT only	2	
	Blue heliotrope (2)	NSW only	0.5	
	Broadleaf ironbark	Qld only	1.5	
	Brown box			
	Coolibah	Qld & NT only	1	
	Gidgee	Qld only	0.5 to 1	
	Gum-topped box		1.5	
	Groundsel bush	NSW & Qld only	1	
	Lantana (1)	Qld only	2	
	Parkinsonia	Qld & NT only	1 to 1.5	
	Pink bloodwood	Qld only	1	
	Prickly acacia	Qld & NT only	1.5	
	Rubbervine			
	Wild rosemary	NSW & Qld only		
Giant sensitive plant on grazing land and other grasslands	<i>Mimosa pigra</i>	NT only	1	Apply after the onset of storms (to moisten soil, close soil cracks - where applicable - and freshen growth of giant sensitive plant) and before wet season surface flooding. Repeat application may be required in year two for long term control. Some grass suppression may occur.

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FOR NATIVE VEGETATION

- Use of TEBULEX 200GR on native vegetation must be done in accordance with STATE and/or LOCAL legislation.

WITHOLDING PERIOD

- NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

REVIEW THE RESTRAINTS BEFORE READING THESE INSTRUCTIONS.

- TEBULEX 200GR 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 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 regrowth's 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 dependent 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 TEBULEX 200GR may be over-seeded with suitable pasture species. Consult your agricultural specialist for details on suitable seeding rates, timing and a fertilizer application programme.
- The residual action of TEBULEX 200GR may be impaired if fire occurs before the clay pellets are dissolved and the chemical has moved into the root zone.

APPLICATION METHODS

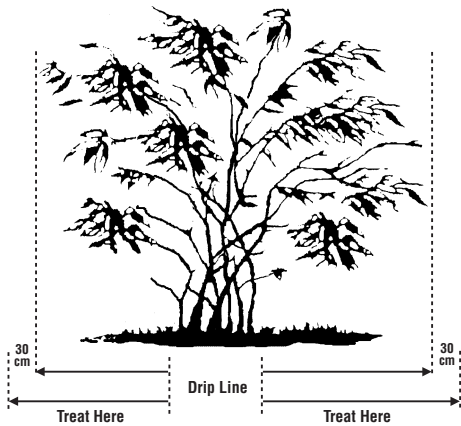
HAND APPLICATION

- Gloves must be used during hand application.
- Apply TEBULEX 200GR by uniformly distributing by hand or using the TEBULEX 200GR hand dispenser over the desired area after weighing out the recommended quantity of pellets or using the TEBULEX 200GR volumetric measure cup. As an example, a measured weight or measured volume of 20 grams will treat 10 - 20m² at the rate of 1-2g/m².
- When applying pellets, distribute them under the tree or regrowth canopy from the root crown or stems to 30cm beyond the drip zone of the plants you want to control.
- The time required for complete plant death depends on soil type, amount of rainfall, root depth, plant species, plant density and rate of TEBULEX 200GR used.
- Some species may go through several defoliation's from 6 months to 2 years before dying.
- Timber and regrowth control with TEBULEX 200GR pellets may be variable when used on soils with high clay content, high organic matter or when treating deep rooted or more tolerant species.

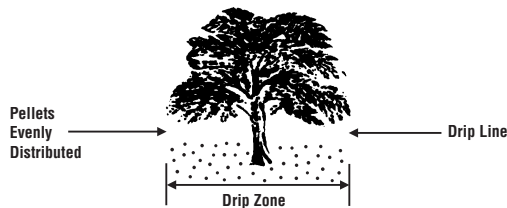
TREATING INDIVIDUAL TREES BY HAND

- Estimate the area within 30cm beyond the drip zone, i.e. the area under the plant canopy. It is essential that this area is treated as evenly as possible with pellets being spread from the tree trunk to slightly beyond the drip line formed by the branches.
- Do not throw all the pellets at the base of the tree trunk.** This will waste material and could result in poor control.

Example:



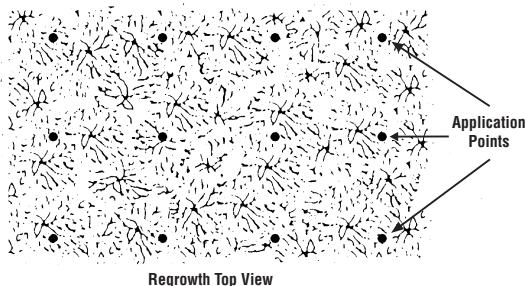
Example:



TREATMENT OF CLUMPS OF TREES OR PATCHES OF REGROWTH BY HAND

- TEBULEX 200GR pellets are particularly effective in treating areas of regrowth.
- Estimate the area within 30cm beyond the drip zone and apply TEBULEX 200GR pellets on a grid pattern to uniformly cover the area.
- Pellets should be applied over the top of regrowth if at all possible in an attempt to maintain a good distribution pattern.

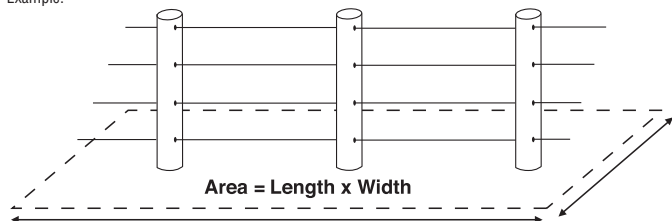
Example:



TREATING FENCE LINES BY HAND

- Estimate the area to be treated, along the fence line and then apply TEBULEX 200GR pellets on both sides of the fence line as evenly as possible within the area extending 30cm out beyond the drip zone.

Example:



AERIAL AND GROUND APPLICATION

- Apply TEBULEX 200GR by uniformly distributing with an approved aircraft or ground driven air equipment, after calibration to achieve the desired application rate.
- TEBULEX 200GR 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 regrowth's 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 dependent 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 TEBULEX 200GR may be over-seeded with suitable pasture species. Consult your agricultural specialist for details on suitable seeding rates, timing and a fertilizer application programme.
- The residual action of TEBULEX 200GR 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 of TEBULEX 200GR can be carried out by fixed wing aircraft or helicopter fitted with specially designed application apparatus. Use a Positive Metering Device (Meterate) for fixed wing aircraft and Isolair or similar precision equipment for helicopters. A minimum flying height of 20 metres above the canopy of the target plants must be maintained. The swath width is dependent on the type of spreader used. The target areas must be correctly marked out and flown with the aid of GPS (Global Positioning System) or markers clearly visible to the operator or a method of marking approved by PGR International PTY Ltd.

2. Ground Application

Ground applications of TEBULEX 200GR can be carried out in suitable areas with the Omni Precision Applicator by PGR International Pty Ltd accredited operators.

CLEANING APPLICATION EQUIPMENT

- Thoroughly clean all traces of TEBULEX 200GR from vessels holding pellets e.g. bucket, measure cylinder and gloves after use. **Residues cleaned from this application equipment should not be emptied on areas were they will contact roots of desirable trees, shrubs or plants.**

RESISTANT WEEDS WARNING

GROUP C HERBICIDE

TEBULEX 200GR Herbicide is a member of the Ureas group of herbicides. The product has the Group C 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, PGR International 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 or local PGR International Pty Ltd representative.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

- DO NOT allow roots of desirable plants, trees or ornamentals to contact TEBULEX 200GR.
- TEBULEX 200GR may cause temporary herbicidal symptoms to appear on perennial grasses. Higher rates of application of TEBULEX 200GR (2g/m²) may kill grasses, particularly native annuals. This effect can be minimised by application when grasses are dormant.
- TEBULEX 200GR 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 granule 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. Puncture or shred and bury empty containers in a local authority landfill. If no landfill available, bury the containers below 500mm 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.

SMALL SPILL MANAGEMENT

Sweep up material for disposal and contain in a refuse vessel for disposal (see Storage and Disposal Section).

SAFETY DIRECTIONS

Poisonous if swallowed. Will irritate the eyes. Repeated exposure may cause allergic disorders. Avoid contact with the eyes and skin when opening container and using the product. Wear cotton overalls buttoned to the neck and wrist and washable hat and elbow length gloves. Wash hands after use. After each days use wash contaminated clothing.

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 which can be obtained from the supplier.

**In an Emergency
Dial 000
Police or Fire Brigade**

APVMA Approval Number: 70100/62510

EXCLUSION OF LIABILITY

PGR International Pty Ltd warrants that the product conforms to its chemical description and is suitable for the purpose for which it is expressly intended and must be used in accordance with the 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 PGR International Pty Ltd or under abnormal conditions.

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