Product Name: OZCROP TEBUTHIURON 200 HERBICIDE
APVMA Approval No: 68456/131514

RLP APPROVED

DISPLAYED BY INFOPEST

Label Name:	OZCROP TEBUTHIURON 200 HERBICIDE

Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Constituent Statements:	ACTIVE CONSTITUENT: 200 g/kg TEBUTHIURON

Mode of Action:	GROUP 5 HERBICIDE

Statement of Claims:	For the control of brigalow re-growth, prickly acacia, parkinsonia, tea tree re-growth, Mimosa pigra and certain problem woody weeds on grazing lands by hand, aerial and ground application as specified in the DIRECTIONS FOR USE table.

Net Contents:	5 - 1000kg

Restraints:	Restraints DO NOT apply this product to salt or erosion prone areas. DO NOT apply this product within 100 metres of a recognized watercourse. DO NOT apply OzCrop Tebuthiuron 200 Herbicide on land with a slope greater than 20% (11 degrees). DO NOT apply OzCrop Tebuthiuron 200 Herbicide under conditions which will cause pellet movement to non-target areas during application. RETAIN at least 20% 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, shelterbelts should traverse variable terrain, particularly ridgelines and hilltops as well as watercourses and link other vegetated corridors where possible. FOR LONG TERM VIABILITY retain a minimum of 5 hectares for shade areas, regardless of vegetation types. DO NOT apply OzCrop Tebuthiuron 200 Herbicide on field crops, near desirable trees or shrubs or into 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 OzCrop Tebuthiuron 200 Herbicide to land to be put under field crops within 5 years of application.

Directions for Use:	This section contains file attachment.

Other Limitations:	FOR NATIVE VEGETATION Use of OzCropTebuthiuron 200 Herbicide on native vegetation must be done in accordance with STATE and/or LOCAL legislation including the Vegetation Management Act 2000 in Queensland.

Withholding Periods:	WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

Trade Advice:	

General Instructions:	This section contains file attachment.

Resistance Warning:	RESISTANT WEEDS WARNING GROUP 5 HERBICIDE OzCrop Tebuthiuron 200 Herbicide is a member of the Ureas group of herbicides. This product has inhibitors of photosyntheses at photosystem II mode of action. For weed resistance management OzCrop Tebuthiuron 200 Herbicide is a Group 5 herbicide. Some naturally occurring weed biotypes resistant to OzCrop Tebuthiuron 200 Herbicide and other Group 5 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 OzCrop Tebuthiuron 200 Herbicide or other Group 5 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, OzCrop Pty Ltd accepts no liability for any losses that may result from the failure of OzCrop Tebuthiuron 200 Herbicide 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 OzCrop Pty Ltd representative.

Precautions:	

Protections:	PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS DO NOT allow any roots of desirable plants, trees or ornamentals to contact OzCrop Tebuthiuron 200 Herbicide. OzCrop Tebuthiuron 200 Herbicide may cause temporary herbicidal symptoms to appear on perennial grasses, including buffel grass, particularly after extended dry periods. Higher rates of application of OzCrop Tebuthiuron 200 Herbicide (2g/m2) may kill grasses, particularly native annuals. This effect can be minimized by application when grasses are dormant (autumn application). OzCrop Tebuthiuron 200 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 store near food, feedstuffs, fertilisers or seed. DO NOT dispose of granules on site. Single-rinse or shake remainder into spray tank. Do not dispose of undiluted chemicals on site. Puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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 regulations. Do not burn empty containers or product. SPILLS/LEAKS MANAGEMENT Sweep up material for disposal and contain in a refuse vessel for disposal (see Storage and Disposal section).

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, a washable hat and elbow length chemical resistant gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766

First Aid Warnings:	

DIRECTIONS FOR USE

TABLE 1: HAND APPLICATION (NT & WA ONLY)
SEE GENERAL INSTRUCTIONS – APPLICATION SECTION FOR APPLICATION **METHOD DETAILS**

SITUATION	WEEDS CONTROLLED	RATE g/m^2	CRITICAL COMMENTS
Tea tree regrowth and associated woody weeds on grazing land	Black Tea Tree (*Melaleuca bracteata*)	1.5	Estimate the area within 30cm beyond the drip zone of each target weed or group of weeds and calculate the amount of OzCrop Tebuthiuron 200 Herbicide 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. *Some suppression of these species is provided by the rates given.
	Broadleaf Tea Tree (*Melaleuca viridiflora*),	1	
	Cocky apple* (*Planchonia careya*)	2	
	Paperbark tea tree (*Melaleuca vervosa*), Poplar gum (*Eucalyptus platphylla*)	1.5	
	Swamp box (*Lophostemon suaveolens*)	2	
Other woody weeds on grazing land	African Boxthorn (NT only)		
	Coolibah (*Eucalyptus coolabah*)	1	
	Parkinsonia (*Parkinsonia aculeate*)	1 to 1.5	
	Prickly acacia (*Acacia nitotica*), Rubbervine (*Cryptostegia grandiflora*)	1.5	
	Whitewood (*Atalaya hemiglauca*)	1	
Giant sensitive tree on grazing land and other grasslands	*Mimosa pigra*	1	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.

TABLE 2: HAND APPLICATION (QLD ONLY)
SEE GENERAL INSTRUCTIONS - APPLICATION SECTION FOR APPLICATION METHOD DETAILS.

SITUATION	WEEDS CONTROLLED	RATE g/m^2	CRITICAL COMMENTS
Brigalow regrowth and associated problem woody weeds on grazing land	Belah (*Casuarina pauper*)	1.5	Estimate the area within 30 cm beyond the drip zone of each target weed or group of weeds and calculate the amount of OzCrop Tebuthiuron 200 Herbicide 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. * Some suppression of these species is provided by the rates given. Use only for regrowth control, not clearing virgin bush.
	Brigalow (*Acacia harpophylla),* Currant Bush (*Carissa ovata*)	1 to 1.5	
	Dawson Gum (*Eucalyptus cambageana*)	1	
	False Sandalwood* (*Eremophilia mitchellii*)	2	
	Holly Bush (*Ilex aquifolium*)	1.5	
	Limebush (*Eremocitrus glauca*), Poplar Box (*Eucalyptus populnea*), Whitewood (*Atalaya hemiglauca*), Yellowwood (*Terminalia oblongata*)	1	
Tea tree regrowth and associated wood weeds on grazing land	Black Tea Tree (*Melaleuca bracteata*)	1.5	
	Broadleaf Tea Tree (*Melaleuca viridiflora*)	1	
	Cocky apple* (*Planchonia careya*)	2	
	Paperbark tea tree (*Melaleuca vervosa*), Poplar Gum (*Eucalyptus populnea*)	1.5	
	Swamp Box (*Luphostemon suaveolens*)	2	
Other woody weeds on grazing land	African Boxthorn (*Lycium ferocissimum*)		
	Broadleaf Ironbark, Brown Box	1.5	
	Coolibah (*Eucalyptus coolabah*)	1	
	Gidgee (*Acacia cambagei)*	0.5 to 1	
	Gum-topped Box (*Eucalyptus mollucana*)	1.5	
	Groundsel Bush (*Baccharis halimifolia*)	1	
	Lantana*	2	
	Parkinsonia (*Parkinsonia aculeate*)	1 to 1.5	
	Pink Bloodwood (*Corymbia intermedia*)	1	
	Prickly acacia (*Acacia nitotica*), Rubbervine (*Cryptostegia grandiflora*), Wild Rosemary (*Cassinia laevis*)	1.5	

TABLE 3: HAND APPLICATION (NSW and Vic ONLY)
SEE GENERAL INSTRUCTIONS - APPLICATION SECTION FOR APPLICATION METHOD DETAILS.

SITUATION	WEEDS CONTROLLED	RATE g/m^2	CRITICAL COMMENTS
Brigalow regrowth and associated problem woody weeds on grazing land	Brigalow (*Acacia harpophylla)*	1 to 1.5	Estimate the area within 30 cm beyond the drip zone of each target weed or group of weeds and calculate the amount of OzCrop Tebuthiuron 200 Herbicide 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. * Some suppression of these species is provided by the rates given. # DO NOT use within 30 m of trees. DO NOT apply to single continuous area greater than 0.5 hectares in size.
	Currant Bush (*Carissa ovata*)	1 to 1.5	
	Holly Bush (*Ilex aquifolium*)	1.5	
	Limebush (*Eremocitrus glauca*)	1	
	Whitewood (*Atalaya hemiglauca*)		
	False Sandalwood* (*Eremophilia mitchellii*)	2	
Other woody weeds on grazing lands	African Boxthorn (*Lycium ferocissimum*)		
	Blue Heliotrope# *(Heliotropium amplexicaule)*	0.5	
	Groundsel Bush (*Baccharis halimifolia*)	1	
	Lantana*	2	
	Wild Rosemary (*Cassinia laevis*)	1.5	

TABLE 4: AERIAL AND GROUND APPLICATION
SEE GENERAL INSTRUCTIONS – APPLICATION SECTION FOR APPLICATION METHOD DETAILS

SITUATION	WEEDS CONTROLLED	STATE	RATE kg/HA	CRITICAL COMMENTS
Brigalow re-growth and associated problem woody weeds on grazing land	Belah (*Casuarina pauper*), Brigalow (*Acacia harpophylla),* Currant Bush (*Carissa ovata*), Dawson Gum (*Eucalyptus cambageana*), Limebush (*Eremocitrus glauca*), Poplar Box (*Eucalyptus populnea*), Scrub boonaree (*Heterodendrum diversifolium*), Whitewood (*Atalaya hemiglauca*), Wild Rosemary (*Cassinia laevis*), Yellowwood (*Terminalia oblongata*)	Qld, NSW & Vic 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 re-growth on light clay soils • 12.5kg and above for heavy density re-growth on heavy acidic clays.
	False Sandalwood (*Eremophilia mitchellii*)		10 to 15	On False Sandalwood partial control and suppression only will be obtained at the specified rate.
Tea tree regrowth and associated wood weeds on grazing land	Broadleaf Tea Tree (*Melaleuca viridiflora*), Paperbark tea tree (*Melaleuca vervosa*)		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 (*Planchonia careya*), Swamp box (*Lophostemon suaveolens*)		10	For Cocky Apple partial control and suppression will only be given at the specified rate.
Other woody weeds on grazing lands	Gidgee (*Acacia cambagei*)		5 to 10	Use the high rate on dense growth or heavy clay soils.
	Parkinsonia (*Parkinsonia aculeate*)	Qld and NT only	10 to 15	
	Prickly acacia (*Acacia nitotica*)			
	Poplar gum (*Eucalyptus platphylla*)		7.5 to 10	
	Rubbervine (*Cryptostegia grandiflora*)		7.5 to 15	
Eucalypt woodland management using Property Management Planning Principles	Poplar Box (*Eucalyptus populnea*)	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 30% intact retention of species as per relevant Vegetation Management Act. Use only for re-growth control, not clearing of virgin bush.
Giant sensitive tree on grazing land and other grasslands	Giant Sensitive Tree (*Mimosa pigra*)	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 tree) and before wet season surface flooding. Repeat application may be required in year two for long term control. Some grass suppression may occur.

GENERAL INSTRUCTIONS

REVIEW THE RESTRAINTS BEFORE READING THESE INSTRUCTIONS

OzCrop Tebuthiuron 200 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 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 dependent on adequate rainfall and an acceptable grazing management program. It is important to allow grasses to seed, and seedlings to establish after treatment, before grazing pressure is increased. Areas treated with OzCrop Tebuthiuron 200 Herbicide may be over seeded with suitable pasture species. Consult your agricultural specialist for details on suitable seeding rates, timing and fertiliser application program.

The residual action of OzCrop Tebuthiuron 200 Herbicide may be impaired if fire occurs before 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 OzCrop Tebuthiuron 200 Herbicide by uniformly distributing by hand using a hand dispenser over the desired area after weighing out the recommended quantity of pellets using a volumetric measure cup. As an example, a measured weight or measured volume of 20 grams will treat 10 - 20 m^2 at the rate of 1 - 2 g/m^2.

When applying pellets, distribute them under the tree or regrowth canopy from the root crown or stems to 30 cm 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 OzCrop Tebuthiuron 200 Herbicide used. Some species may go through several defoliations from 6 months to 2 years before dying. Timber and regrowth control with OzCrop Tebuthiuron 200 Herbicide 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 30 cm beyond the drip zone, ie 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.

TREATMENT OF CLUMPS OF TREES OR PATCHES OF REGROWTH BY HAND

OzCrop Tebuthiuron 200 Herbicide pellets are particularly effect in treating areas of regrowth. Estimate the area within 30 cm beyond the drip zone and apply the OzCrop Tebuthiuron 200 Herbicide 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.

TREATING FENCE LINES BY HAND

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

AERIAL AND GROUND APPLICATION

Apply OzCrop Tebuthiuron 200 Herbicide by uniformly distributing with an approved aircraft or ground driven air equipment, after calibration to achieve the desired application rate.

OzCrop Tebuthiuron 200 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 defoliations and re-growths until death occurs. A single application is normally effective for several years.

Forage grass production usually increases as woody weed competition is reduced. Increase grass production is also dependent on adequate rainfall and an acceptable grazing management program.

It is important to allow grasses to seed and seedlings to become established after treatment before grazing pressure is increased. Areas treated with OzCrop Tebuthiuron 200 Herbicide may be over seeded with suitable pasture species. Consult your agricultural specialist for details on suitable seeding rates, timing and fertiliser application program.

The residual action of OzCrop Tebuthiuron 200 Herbicide may be impaired if fire occurs before clay pellets are dissolved and the chemical has moved into the root zone.

Aerial Application

Aerial application of OzCrop Tebuthiuron 200 Herbicide can be carried out by accredited fixed wing aircraft or helicopter fitted with specially designed application apparatus. Use a Positive Metering Devise (Meterate) for fixed wing aircraft and Isolair or similar precision equipment for helicopters.
A minimum flying height of between 10 to 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 a GPS (Global Positioning System) or markers clearly visible to the operator, or a method of marking approved by OzCrop Pty Ltd.

Ground Application

Ground applications of OzCrop Tebuthiuron 200 Herbicide can be carried out in suitable areas by accredited operators. Ground applications of OzCrop Tebuthiuron 200 Herbicide can be carried out in suitable areas by precision low application rate spreaders.

CLEANING APPLICATION EQUIPMENT

Thoroughly clean all traces of OzCrop Tebuthiuron 200 Herbicide from application equipment holding pellets eg bucket, measuring cylinder and gloves, after use.
Residues cleaned from the application equipment should NOT be emptied onto areas where they will contact the roots of desirable trees, shrubs or plants.