



Australian Pesticides &  
Veterinary Medicines Authority

Product Name: GP Hex Granular Herbicide  
Application No: 86972/146552

Label Name:	GP Hex Granular Herbicide
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	100 g/kg HEXAZINONE
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Mode of Action:	GROUP <b>5</b> HERBICIDE
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Statement of Claims:	For the Control of Woody Weeds in Commercial and Industrial Areas, Rights-of-Way, Around Agricultural Buildings and Pasture Situations as per the Directions for Use
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Net Contents:	10-1000 kg
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Restraints:	DO NOT treat pasture land with this product more than once a year. DO NOT apply during periods of intense rainfall, or under conditions which will cause pellet movement to non-target areas. DO NOT use this product via dust prone methods. Only use applicators specifically designed to dispense granular products. DO NOT use human flaggers in aerial application unless protected by engineering controls such as enclosed cabs.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION GP HEX GRANULAR HERBICIDE MAY KILL MANY TREES AND OTHER DESIRABLE PLANTS IF NOT APPLIED CORRECTLY. INSTRUCTIONS GIVEN IN THE PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT AND PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS STATEMENTS ON THIS LABEL MUST BE FOLLOWED.
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Withholding Periods:	NOT REQUIRED WHEN USED AS DIRECTED.
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Trade Advice:	
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General Instructions:

The product is a granular formulation that does NOT need to be mixed in water. It is an effective residual herbicide.

This product is very slow-acting, and control of existing growth will take 3-12 months, depending on weather conditions and senescence of plant foliage.

The actual length of satisfactory residual control will depend on soil type and rainfall until regeneration occurs from grass seed or surviving rhizomes.

Control of grasses growing in shaded conditions may be reduced.

Subterranean clover and other annual legumes may be damaged if exposed to this product or if they germinate before residues have dissipated from the soil.

For best residual control, apply during periods of active plant growth. Application when vegetation is dormant, semi-dormant, under moisture stress or during the winter months may not be as effective.

In temperate winter rainfall areas where temperatures are generally below 250 °C during the period of active growth, the overall effect may be slow to appear.

Sufficient moisture is required after treatment to promote root absorption by the weed species.

Results obtained may vary with the amount of chemical applied, rainfall, soil type and other conditions.

Herbicidal activity will continue for several seasons after application. During this time, woody plants may go through repeated defoliation and regrowth 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 program. It is important to allow grasses to seed and seedlings to become established after treatment before grazing pressure is increased. Areas treated with GP Hex Granular Herbicide may be over-seeded with suitable pasture species.

The residual action of GP Hex Granular Herbicide may be impaired if fire occurs before the claypellets are dissolved and the chemical has moved into the root zone.

Some species may go through several defoliations from 6 months to 2 years before dying.

Timber and regrowth control with GP Hex Granular Herbicide may be variable when used on soils with high clay content, high organic matter or when treating deep-rooted or more tolerant species.

APPLICATION

Aerial

Aerial application of GP Hex Granular Herbicide can be carried out by fixed-wing aircraft or helicopter fitted with a calibrated Positive Metering Device (Meterate) for fixed-wing aircraft and Isolair or similar precision equipment for helicopters, by operators accredited by Granular Products Pty Ltd.

A minimum flying height of 20 meters above the canopy of the target must be maintained. The swath width is dependent on the type of spreader used and should be pattern tested for uniformity. 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.

Ground

Ground application of GP Hex Granular Herbicide can be carried out in suitable areas with a properly calibrated precision granular applicator accredited by Granular Products Pty Ltd.

	<p>Hand</p> <p>Gloves must be used during hand application</p> <p>Apply GP Hex Granular Herbicide by uniformly distributing by hand or using a hand seed spreader over the desired area after weighing out the recommended quantity of pellets. 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 to be controlled.</p> <p>COMPATIBILITY</p> <p>GP Hex Granular Herbicide should be applied alone.</p>
Resistance Warning:	<p>GROUP 5 HERBICIDE</p> <p>GP Hex Granular Herbicide contains members of the triazinone group of herbicides. GP Hex Granular Herbicide has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management GP Hex Granular is a Group 5 Herbicide. Some naturally-occurring weed biotypes resistant to GP Hex Granular Herbicide and other inhibitors of photosynthesis at photosystem II 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 GP Hex Granular Herbicide or other inhibitors of photosynthesis at photosystem II herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Granular Products Pty Ltd accepts no liability for any losses that may result from the failure of GP Hex Granular Herbicide to control resistant weeds.</p> <p>Strategies to minimise the risk of herbicide resistance are available. Consult your local Department of Agriculture or Primary Industries or local Granular Products representative.</p>
Precautions:	
Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>DO NOT apply the product on or near desirable trees or other plants, or on areas where their roots may extend. As guidance this is two times their height or more depending on the species and other conditions.</p> <p>DO NOT apply the product in areas where a surface flow of water could wash the chemical into areas where the roots of desirable trees or plants may extend.</p> <p>DO NOT use in irrigation channels or in drains where water is discharged onto pasture land or crop land, on lawns, walkways, driveways or tennis courts.</p> <p>DO NOT empty equipment in the above situations.</p> <p>PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS, AND ENVIRONMENT</p> <p>Keep stock away from treated areas.</p> <p>DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
Storage and Disposal:	<p>Store in the closed, original container in a cool well-ventilated area. Do not store for prolonged periods in direct sunlight. During storage keep from contact with fertilisers, other pesticides and seeds.</p> <p>Shake empty into application equipment. Triple-rinse containers before disposal. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.</p> <p>If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal at 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.</p>

Safety Directions:	Will irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale dust. When opening the container and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. When pouring large quantities, wear disposable dust face mask covering mouth and nose. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26). If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
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First Aid Warnings:	
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## DIRECTIONS FOR USE

Situation	Weeds Controlled	States	Rate kg/ha	Critical Comments
Commercial and Industrial Areas, Rights of Way, around Agricultural buildings	Acacia spp. Such as Black Wattle ( <i>Acacia leiocalyx</i> )	Qld, NSW and ACT	15 - 30	Use a higher rate on mature trees and 15 kg/ha on saplings
	Prickly Acacia ( <i>Acacia nilotica</i> )	Qld, NSW and ACT		
	<i>Eucalyptus</i> spp. such as Broadleaf Ironbark ( <i>E. fibrosa</i> )			
	White Cypress Pine ( <i>Callitris columellaris</i> )	All states		
Pasture situations	Acacia spp. Such as Black Wattle ( <i>Acacia leiocalyx</i> )	Qld, NSW and ACT	15	
	Prickly Acacia ( <i>Acacia nilotica</i> )	Qld, NSW and ACT		
	<i>Eucalyptus</i> spp. such as Broadleaf Ironbark ( <i>E. fibrosa</i> )			
	White Cypress Pine ( <i>Callitris columellaris</i> )	All states		