

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

**TITAN**

# IMAZAPYR 750 WG

## HERBICIDE

ACTIVE CONSTITUENT: 750g/kg IMAZAPYR

GROUP **2** HERBICIDE

For control of various annual and perennial weeds in non-crop situations as indicated in the attached  
Directions for Use table.

APVMA Approval No.: 82198/105161

Pack Size: 300g; 1kg; 1.5kg; 7kg



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

TRANSPORT AND HANDLING  
NOT A DANGEROUS GOOD  
ACCORDING TO THE AUSTRALIAN  
DANGEROUS GOODS (ADG) CODE  
FOR TRANSPORT BY ROAD AND RAIL

# DIRECTIONS FOR USE

**Restraints:** DO NOT apply by aircraft as spray drift may cause damage to desirable surrounding species.

SITUATION	WEEDS	STATES	RATE	CRITICAL COMMENTS
Around agricultural buildings and other farm non-crop situations, commercial, industrial and public service areas, rights-of-way and waste land, away from desirable vegetation	Annual Ryegrass ( <i>Lolium rigidum</i> ) Barnyard Grass ( <i>Echinochloa crus-galli</i> ) Blady Grass ( <i>Imperata cylindrica</i> ) Buckbush ( <i>Salsola kali</i> ) Deadnettle ( <i>Lamium amplexicaule</i> ) Feathertop Rhodes Grass ( <i>Chloris virgata</i> ) Fleabane ( <i>Conyza canadensis</i> ) Hexham Scent ( <i>Mellilotus indicus</i> ) Liverseed Grass ( <i>Urochloa panicoides</i> ) London Rocket ( <i>Sisymbrium irio</i> ) Mayne's Pest ( <i>Verbena tenuisecta</i> ) Medics ( <i>Medicago</i> spp.) Mintweed ( <i>Salvia reflexa</i> ) Blackberry Nightshade ( <i>Solanum nigrum</i> ) Paterson's Curse ( <i>Echium plantagineum</i> ) Plains Grass ( <i>Stipa aristiglumis</i> ) Prairie Grass ( <i>Bromus unioloides</i> ) Prickly Lettuce ( <i>Lactuca serriola</i> ) Purple Top ( <i>Verbena bonariensis</i> ) Scented Top ( <i>Capillipedium</i> spp.) Sedges ( <i>Cyperus</i> spp.) Slender Celery ( <i>Apium leptophyllum</i> ) Sowthistle ( <i>Sonchus oleraceus</i> ) St Barnaby's Thistle ( <i>Centaurea solstitialis</i> ) Summer Grass ( <i>Digitaria</i> spp.) Thornapples ( <i>Datura</i> spp.) Turnip Weed ( <i>Rapistrum rugosum</i> ) Variegated Thistle ( <i>Silybum marianum</i> ) Vasey Grass ( <i>Paspalum urvillei</i> ) Wild Oats ( <i>Avena</i> spp.) Wild Turnip ( <i>Brassica tournefortii</i> ) Wireweed ( <i>Polygonum aviculare</i> )	ALL STATES	1.3kg/ha	Applications can be made pre- or post-emergence. Post-emergence applications also provide pre-emergence control. <b>Medium Volume:</b> 1.3kg of TITAN Imazapyr 750 WG Herbicide should be applied using spray volumes ranging between 50 and 200L/ha. <b>High Volume:</b> Apply sufficient spray to wet the surfaces visibly without producing run-off. Measure how much spray is required to cover 10m x 10m and add TITAN Imazapyr 750 WG Herbicide at the rate of 13g in this measured volume.
	Bokhara Clover ( <i>Melilotus albus</i> ) Bracken (suppression only) ( <i>Pteridium esculentum</i> ) Capeweed ( <i>Arctotheca calendula</i> ) Couch ( <i>Cynodon dactylon</i> ) Docks ( <i>Rumex</i> spp.) Johnson Grass ( <i>Sorghum halepense</i> ) Panics (suppression only) ( <i>Panicum</i> spp.) Paspalum ( <i>Paspalum dilatatum</i> ) Queensland Bluegrass ( <i>Dichanthium sericeum</i> ) Stinging Nettle ( <i>Urtica incisa</i> )		2kg/ha	Applications can be made pre- or post-emergence. Post-emergence applications also provide pre-emergence control. <b>Medium Volume:</b> 2kg of TITAN Imazapyr 750 WG Herbicide should be applied using spray volumes ranging between 50 and 200L/ha. <b>High Volume:</b> Apply sufficient spray to wet the surfaces visibly without run-off. Measure how much spray is required to cover 10m x 10m and add TITAN Imazapyr 750 WG Herbicide at the rate of 20g in this measured volume.
	Rubber Vine ( <i>Cryptostegia grandiflora</i> )	QLD only	1.3g/L water	<b>Post-emergence application:</b> Apply sufficient spray to wet the surface visibly to the point of run-off. For effective control, apply when the plant is actively growing and not stressed, yellowing or bearing pods. Flowering is a good indication of the best time for application. Use high volume application as detailed in the General Instructions Section.
	Thunbergia ( <i>Thunbergia</i> spp.)	QLD only	2.5g/L water	<b>Post-emergence application:</b> Apply sufficient spray to wet the surface visibly to the point of run-off. For effective control, apply when the plant is actively growing. Use high volume application as detailed in the General Instructions Section.

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

## GENERAL INSTRUCTIONS

TITAN Imazapyr 750 WG Herbicide is a soluble granule herbicide which will kill a range of standing weeds and emerging seedlings. It stops growth rapidly, although symptoms may take over 30 days to develop. Affected plants are discoloured and often growth is distorted.

The active material in TITAN Imazapyr 750 WG Herbicide is rapidly absorbed through foliage and roots, and translocated throughout plants. Foliage treatments will provide pre-emergence control as the active material is released to the soil following plant decay.

Residual control of weeds, for which the lower rate of TITAN Imazapyr 750 WG Herbicide is recommended, will increase when the higher rate is used.

## RESISTANT WEEDS WARNING

TITAN Imazapyr 750 WG Herbicide is a member of the imidazolinone group of herbicides. TITAN Imazapyr 750 WG Herbicide has the inhibition of acetolactate synthase (ALS) mode of action. For weed resistance management TITAN Imazapyr 750 WG Herbicide is a Group 2 Herbicide. Some naturally occurring weed biotypes resistant to TITAN Imazapyr 750 WG Herbicide and other Group 2 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 TITAN Imazapyr 750 WG Herbicide or other Group 2 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 TITAN Imazapyr 750 WG Herbicide to control resistant weeds.

## APPLICATION

Faster control of standing weeds will result if growing conditions are favourable at and after application. Rainfall within two hours of the spray mixture drying on leaves may result in reduced weed control.

## SPRAYING INSTRUCTIONS

For medium volume spraying, apply through a spray boom calibrated to ensure even coverage. Use spray nozzles suitable to prevent spray drift onto surrounding desirable vegetation.

For high volume application, use a handgun or knapsack to apply sufficient spray to wet the surface visibly without producing run-off.

## MIXING

Pour the required amount of TITAN Imazapyr 750 WG Herbicide into a spray container, which already holds the total amount of water required. Mix thoroughly. If TITAN Imazapyr 750 WG Herbicide is added during filling, foaming may occur. If excessive foaming is a problem, add a suitable anti-foaming agent. Consult your distributor for specific information. TITAN Imazapyr 750 WG Herbicide may be applied in a hard or soft water. The product is corrosive to mild steel. Use ONLY stainless steel, fibreglass, plastic or plastic-lined containers for mixing, storage and application.

## COMPATIBILITY

For faster knockdown of weeds, certain other herbicides may be mixed with TITAN Imazapyr 750 WG Herbicide.

Bipyridyl herbicides (eg. Paraquat) are NOT compatible with TITAN Imazapyr 750 WG Herbicide. Mixtures of this type will result in poor weed control.

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

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

DO NOT apply on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.

DO NOT apply where run-off water may flow onto agricultural land or other desirable vegetated areas.

Dispose of washings away from desirable plants and their roots.

GROUP	<b>2</b>	HERBICIDE
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## PROTECTION OF LIVESTOCK

Low hazard to bees – may be applied to plants at any time.

DO NOT graze or cut for stock feed, vegetation which has been treated with TITAN Imazapyr 750 WG Herbicide.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

## STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Shake bag contents into spray tank until the bag is empty. Single rinse bag before disposal. Triple rinse other containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management is not available, bury the empty packaging 500mm 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.

## SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length PVC gloves, goggles and disposable dust mask. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. If product gets in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766.

## SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Imazapyr 750 WG Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit [www.titanag.com.au](http://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.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Precautionary Statements: Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Dispose of contents/container in accordance with local/regional/national regulations.

