

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

TITAN

PROPYZAMIDE 500SC

HERBICIDE

ACTIVE CONSTITUENT: 500g/L PROPYZAMIDE

GROUP **3** HERBICIDE

For selective control of certain grasses and broadleaf weeds in canola and mustard, grain legumes, legume pasture, lettuce, turf, chicory, endive and radicchio, and pyrethrum crops according to the Directions For Use table.

APVMA Approval No.: 66050/125901

Pack Size: 5L; 10L; 20L; 110L; 1000L



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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 more than once per season.

DO NOT apply to water logged soils.

DO NOT apply to land where runoff to aquatic areas or sensitive crops like cereals is likely.

CROP	WEEDS CONTROLLED	STATE	RATE L/ha	CRITICAL COMMENTS	
Canola and Mustard (oilseed cultivars, <i>Brassica juncea</i>)	Annual Ryegrass, Winter Grass, Barley Grass, Silver Grass, Prairie Grass, Canary Grass, Great Brome, Squirrel Tail Fescue, Rats Tail Fescue	ALL STATES	1.0	Apply to moist soil prior to seeding only. Incorporate by sowing (IBS) with knife or blade points. A rainfall event (25mm) between application and sowing, or soon after sowing is required for best results. Avoid seeding practices that move treated soil back into the furrow. Heavy rainfall events that wash product back into the furrow can delay emergence and cause crop injury. DO NOT use on white sandy soils, or paddocks that have been recently mouldboard ploughed or spaded.	
Grain Legumes (including lupins, chickpeas, lentils, field peas, faba beans, navy beans)					
Legume Pastures (including lucerne, clover, medics etc. grown for forage, hay or seed production)				NSW, ACT, TAS, SA, WA only	1.0-1.5
	Wild Oats, Perennial Ryegrass, Bent Grass, English Couch, Yorkshire Fog Grass, Chickweed, Seedling Sorrel, Blackberry Nightshade, Patterson's Curse, Seedling Wireweed		1.5-2.0	Use the rates at the higher end of the range on soils, if conditions are not optimal or where a heavy grass population is expected. Grazing or cutting PRIOR to treatment is recommended. BEST RESULTS: When applied during cool and moist conditions. Rain or irrigation is necessary to thoroughly wet the top 3 to 4cm of soil. This is similar to 25mm rain. Use rates towards the higher end of the range on heavy soils, if conditions are not optimal or where a heavy grass population is expected. Grazing or cutting PRIOR to treatment is recommended.	
Lettuce (direct sown)	Barnyard Grass, Blackberry Nightshade, Chickweed, Portulaca, Winter Grass,	ALL STATES	4.5 in 330-550L of water	Apply pre-emergent, immediately after sowing. For best results, prepare the seed bed free from clods. Sufficient irrigation to wet the top 3 to 4cm of soil should be applied within 24 hours.	
Lettuce (transplanted)	Rye Grass, Summer Grass, Wireweed, Prince of Wales Feather, Shepherd's Purse, Nettles			Apply immediately after transplanting. For best results, prepare the seed bed free from clods. Sufficient irrigation to wet the top 3 to 4cm of soil should be applied within 24 hours.	
			VIC only	2.3 in 300-550L of water	Apply on light sandy soils, low in organic matter.
Turf and Lawns Common Couch	Winter Grass	ALL STATES	1.2 (12mL/100m²)	Rate Bowling Green 37m x 37m 170mL	Apply during the autumn and winter if established turf is infested with seedling winter grass. Ensure a uniform coverage. Irrigate immediately after application with 12-25mm irrigation or rain and again 24 hours later. Repeat treatment if necessary on Queensland Blue Couch after 4 weeks. DO NOT RESEED FOR 60 DAYS AFTER TREATMENT. Use ONLY on established turf. DO NOT use on bluegrass, ryegrass, fescue or bent grass lawns.
Queensland Blue Couch				85mL	
Buffalo Grass				170mL	
Chicory, Endive and Radicchio	Grass and broadleaf weeds including Barnyard Grass, Summer Grass, Winter Grass, Rye Grass and Portulaca, Prince of Wales Feather, Blackberry Nightshade, Chickweed, Nettles, Shepherds Purse and Wireweed	ALL STATES	3.4L/ha in 330-500L water	Direct sown crops: Apply pre-emergence immediately after sowing. To ensure best results, the seed bed should be well prepared and free from clods. Sprinkler irrigation after application is desirable. Transplanted crops: Apply immediately after transplanting to clean freshly worked soils, well prepared and free from clods. Sprinkler irrigation after application is desirable.	
Pyrethrum crops (<i>Tanacetum cinerariifolium</i>)	Annual Ryegrass	ALL STATES	2.5-4.5L/ha apply in a spray volume of 330-550L/ha	Apply only in crops where there is evidence of Group 1 or 2 herbicide resistant ryegrass (HRR). Apply a maximum of 2 foliar applications per season at a minimum interval of 30 days. Crop may be treated either at pre-emergence stage, or at post-emergence stage any time after the third leaf has fully developed. Best results are obtained when the product is applied during cool moist conditions. Rain or irrigation is necessary to thoroughly wet the top 3-4cm of soil. This is similar to 2-3cm of rain. Use low rate for light, sandy type soils. Use higher rate on heavier soils, if conditions are not optimal, or where a heavy grass population is expected. Grazing or cutting of crop before treatment is recommended.	

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

WITHHOLDING PERIODS:**CANOLA, MUSTARD:****HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.****GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD 12 WEEKS AFTER APPLICATION.****GRAIN LEGUMES:****HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.****GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD 12 WEEKS AFTER APPLICATION.****ALL OTHER CROPS: DO NOT HARVEST, GRAZE OR CUT FOR STOCK FOOD OR FOR SEED FOR 25 DAYS AFTER APPLICATION.****CHICORY, ENDIVE, RADICCHIO:****HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.****GRAZING: DO NOT GRAZE.****PYRETHRUM CROPS: DO NOT GRAZE OR CUT TREATED AREA FOR STOCK FOOD FOR 25 DAYS AFTER APPLICATION.****GENERAL INSTRUCTIONS**

Best results are obtained by applying the product to cool, wet soil.

MIXING

Prior to pouring, shake container vigorously, then add the required quantity of TITAN Propyzamide 500SC Herbicide to water in the spray vat while stirring or with agitators in motion.

DO NOT mix with other pesticides.

COMPATIBILITY

TITAN Propyzamide 500 SC Herbicide is compatible with a range of knockdown and pre-emergent herbicides and insecticides. The following table provides some recommendations on the suitability of tank mix combinations.

Physical compatibility with TITAN Propyzamide 500 SC Herbicide should be determined prior to mixing with a product not listed in this table, or when mixing Titan Propyzamide 500 SC Herbicide as a component of a 3-way tank mix.

Always read the product label for the manufacturer's tank mix recommendations to determine individual product compatibility options and correct mixing orders for individual products. If unsure, perform a jar test before proceeding to determine physical compatibility. Physical compatibility does not always guarantee biological compatibility.

Herbicides	Compatibility recommendation
TITAN Atrazine 900 WG	Compatible
TITAN Diuron 900 WG	Compatible
Ecopar (pyraflufen-ethyl)	Compatible
<i>Glyphosate present as the potassium (K) salt based products**</i>	Not recommended – incompatible
TITAN Glyphosate 450	Conditional
Glyphosate Dry WG 680	Compatible
TITAN Hermes 520	Compatible
TITAN Carfentrazone 400 EC	Conditional
MCPA products	Not recommended – incompatible
TITAN Oxyfluorfen 240 EC	Conditional
TITAN Paraquat 250 SL	Not recommended – incompatible
TITAN Paraquat 360 SL	Not recommended – incompatible
TITAN Terbutylazine 875 WDG	Compatible
TITAN Trifluralin 480 EC	Not recommended – incompatible
Insecticides	Compatibility recommendation
TITAN Dimethoate 400 EC	Not recommended – incompatible
Omethoate 290 SL	Compatible
TITAN Alpha Duo 100	Compatible
TITAN Bifenthrin 250 EC	Conditional
Trojan (gamma-cyhalothrin)	Compatible
Explanatory notes on recommendations	
Compatible: Products considered physically compatible with TITAN Propyzamide 500 SC in a two-way mix.	
Conditional: Tank mixes of TITAN Propyzamide 500 SC with the following product may result in nozzle or filter blockage if vigorous agitation in the spray mix unit is not maintained during the entire spray operation.	

Not recommended – incompatible: Tank mixes of TITAN Propyzamide 500 SC with the following product is likely to form a slimy residue which can block spray nozzles and filters during application.****It is not recommended to mix TITAN Propyzamide 500 SC with any products containing *Glyphosate present as the potassium (K) salt*.**

Information on compatibility is understood to be correct at the time of publication, however products may vary from time to time.

RESISTANCE WEED WARNING

TITAN Propyzamide 500SC Herbicide is a member of the amide group of herbicides with diverse sites of action. For weed resistance management this is a Group 3 herbicide. Some naturally occurring weed biotypes resistant to TITAN Propyzamide 500SC Herbicide and other amide 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 Propyzamide 500SC Herbicide or other amide 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 Propyzamide 500SC Herbicide to control the resistant weeds. Advice as to strategies and alternative treatments that can be used, should be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or a TITAN AG representative.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

DO NOT graze sheep on treated areas or feed to poultry or pigs.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area, out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility 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.

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.**SAFETY DIRECTIONS**

Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat and elbow-length PVC gloves. After use, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves 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 Propyzamide 500SC Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit 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: Suspected of causing cancer. Very toxic to aquatic life with long lasting effects. Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid release to the environment. Wear protective gloves/protective clothing/ eye protection/face protection/hearing protection. IF exposed or concerned: Get medical advice/attention. Collect spillage. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations.

