

POISON

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

TITAN

METRIBUZIN 750 WG HERBICIDE

ACTIVE CONSTITUENT: 750g/kg METRIBUZIN

GROUP **5** HERBICIDE

For selective weed control in cereals, pastures, sugarcane and other crops, including vegetables
as per Directions For Use table.

APVMA Approval No.: 62150/109531

Pack Size: 2.5kg-20kg



TITAN AG Pty Ltd | ABN 57 122 081 574
15/16 Princes Street, Newport NSW 2106
Tel (02) 9999 6655 | Fax (02) 9999 0483
titanag.com.au

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

Restrains: DO NOT apply to crops that are stressed by any cause (such as severe weather conditions, waterlogging, drought, excessive soil acidity, or alkalinity, poor nutrient status, disease, nematodes or insect damage) as crop injury may result.

Barley: DO NOT apply to crops grown on sandy soils or soils low in organic matter.
DO NOT apply to Harrington or Morrell varieties.

Lupins: DO NOT apply to varieties Danja, Kiev Mutant or Albus Lupins.

DO NOT apply to Lupin crops that have received 2.5 litres or more of Simazine pre-seeding, or lupin crops that are showing symptoms of Simazine or Atrazine damage.

Peas (field & green): DO NOT apply to Laura, Pennant or White Brunswick varieties as phytotoxicity may occur.

DO NOT apply any later than the one node stage to Alma and Dinkum peas.

DO NOT spray pea crops in soils or areas where collar or stem rot is likely to occur.

Potatoes: DO NOT apply to crops grown on sandy soils as injury to the crops may result, appearing as chlorosis or minor necrosis.

DO NOT apply to Kurell potatoes as phytotoxicity may occur.

DO NOT apply to Atlantic and Pontiac varieties – WA only.

DO NOT use on dry-grown, non-irrigated crops.

Soybeans: DO NOT use on varieties Cannapolis, Hill and Semstar as crop injury may occur.

DO NOT use on soils with a calcareous surface layer as crop injury may occur.

DO NOT apply over atrazine residues as crop injury may result.

DO NOT apply in combination with soil applied organophosphate insecticides as crop injury may result.

DO NOT apply to soils with less than 0.5% organic matter as crop injury may result.

DO NOT apply to dryland soybeans.

DO NOT apply to soils of pH greater than 8 that are prone to waterlogging as crop injury may occur.

Sugarcane: DO NOT apply until soil is well wetted by the first good soil settling rain.

DO NOT spray plants under stress from drought, waterlogging, frost or disease.

DO NOT allow spray mix to stand overnight.

DO NOT apply more than a total of 2.2kg of TITAN Metribuzin 750 WG per hectare in any field per season for sugarcane.

CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE g/ha	CRITICAL COMMENTS
Barley	Capeweed, Catsear, Charlock, Chickweed, Common Cotula, Corn Gromwell (Sheepweed, White Ironweed), Corn Spurry, Creeping Speedwell, Crown Beard (Dogweed), Deadnettle (Henbit <i>Lamium</i> spp.), Dock seedlings, Fat Hen, Field Madder, Fumitory, Hare's Ear (Treacle Mustard), Heliotrope, Hogweed (Wireweed), Horehound, Indian Hedge Mustard, Lesser Swinecress, Mouse-ear Chickweed, Mountain Sorrel, (Purple Calandrinia), Rough Poppy, Scarlet Pimpernel, Scrub Nettle (Stinging Nettle), Shepherds Purse, Sorrel seedlings, Sowthistle, Spiny Emex (Doublegee, Three Cornered Jack(s)), Storksbill, Toad Rush, Wild Radish, Wild Turnip, Winter Grass, Yellow Burrweed	VIC, TAS only	180g (Light sandy soils, ie, sandy loams to loamy sands) 280g (Medium soils, loams, silt plus clay 40-60%) 380g (Heavy soils, clay loams, silt plus clay over 60%)	Apply to moist soils while weeds are young and actively growing and barley plants are at the 5-leaf stage. DO NOT use on Barley grown on alkaline light sandy soils with pH over 7. DO NOT use on Barley grown on light sandy soils (TAS).
	Buxbaum's Speedwell, Powell's Amaranth, Stagger Weed, Sun Spurge, Great Brome	TAS only		
Barley All varieties excluding Morrell	Capeweed, Common Cotula, Fumitory, Indian Hedge Mustard, Hogweed (Wireweed), Spiny Emex (Doublegee, Three Cornered Jack(s)), Toad Rush, Wild Radish, Wild Turnip, Wireweed, Brome Grass (<i>Bromus diandrus</i> & <i>B. rigidus</i>), Annual Ryegrass, Barley Gass	WA only Sandy-sandy loam soils	135-150g plus Trifluralin 480 at 1L/ha and incorporated by sowing (IBS)	DO NOT apply to Morell barley. Use the lower rate in lighter soils, and increase for loam soils. Best results in moist soils. Sow below herbicide depth. In high weed burdens (>100/m ²) there may be reduced efficacy. Crop safety is improved and weed control more reliable when IBS and trailing harrows are used. Ensure TITAN Metribuzin 750 WG Herbicide is fully dispersed in the boom spray tank prior to the addition of Trifluralin 480. Refer to the application section of this and the Trifluralin 480 label for complete instructions on the product use.
Chickpeas, Faba Beans, Lentils, Vetch	Refer to the Barley section	VIC, SA, WA only	180g (Light sandy soils, i.e. sandy loams to loamy sands) 280g (Medium soils, loams, silt plus clay 40-60%) 380g (Heavy soils, clay loams, silt plus clay over 60%)	Crop: apply post-sowing, pre-emergence at least 5cm deep. DO NOT apply post-emergence as crop injury will occur. Weeds: Weeds should be from pre-emergence to 3 leaf stage except Wireweed (Hogweed) which should not be beyond the cotyledon stage. Best results for grass and Wireweed control are obtained when rain or irrigation follows within a few days of spraying.

CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE g/ha	CRITICAL COMMENTS
Lupins	Capeweed, Doublegee, Wild Radish	WA only	100-150g plus 100mL Diflufenican 500g/L SC	For use on varieties Gungurru, Meritt, Myalie and Kalya only. DO NOT use on Danja, Kiev Mutant or Albus lupinus. Suppression of larger Doublegee only. Wild Radish weed size up to 250mm only. Apply to the actively growing lupins from the 3-4 leaf stage onwards. Use higher rates for heavy weed burden and larger weed size. Apply before weeds are covered by crop canopy. DO NOT apply wetting agents or spay oils with this mixture. Some transient leaf burn may occur after application, but this will not effect yield. Best results are obtained if good soil moisture exists at, and is received soon after application. Results may be less effective south of the Great Eastern Highway. Refer to critical comments section on the Diflufenican 500g/L SC label.
Peas (Field and Green) (Not Snow Peas)	Refer to Barley section, plus: Buchan Weed, Ball Mustard, Fog Grass (SA only), Dwarf Nettle (TAS only) Suppression only: Sub-clover and Docks (Broadleaved Dock – TAS only), Wild Oats	NSW, VIC, TAS, SA only	180g (Light sandy soils, i.e. sandy loams to loamy sands) 280g (Medium soils, loams, silt plus clay 40-60%) 380g (Heavy soils, clay loams, silt plus clay over 60%) 470g (Kooweerup swamp and volcanic soils)	Crop: Sow crop 3-4cm deep. Apply after rain when crop is pre-emergence to 3-node stage (Refer to diagram below for timing of application to crop). For pre-emergence application allow soil to settle for 2-3 days after sowing before spaying. For post-emergence apply to moist soil within 6 weeks of sowing while weeds are young and actively growing. DO NOT spray crops affected with collar or stem rot. (Diagram 1-3 nodes). Weeds: Weeds should be from pre-emergence to 3-leaf stage except Wireweed (Hogweed) which should not be beyond the cotyledon stage. Best results for grass and Wireweed control are obtained when rain or irrigation follows within a few days of spraying.
		QLD only	470g 700g	Apply to medium soils. Apply to soils high in clay or organic matter content when grass weeds are a problem.
Green Peas (Post-emergence) (Not Snow Peas)		WA only	370-470g	Refer to Critical Comments for Peas (Field and Green).
Potatoes		NSW, ACT, VIC, TAS, SA, WA only	470g	Apply after rain or irrigation when crop has no more than 6 leaves or is no more than 10cm high (many plants may be smaller). Crops Hilled or Molded Up Hill or mold up as the crop emerges. Apply 1-4 weeks later as soon as weed seedlings have emerged. If surface crusting is not a problem no further cultivation should be necessary. Crops Not Hilled at or Soon After Planting Spray when weeds seedling have emerged. No cultivation should be necessary until crop is ready for final hilling. Additional cultivation may be necessary when surface crusting is a problem.
			700g	Where summer grasses are a problem.
		VIC (Bellarine Peninsula) only	280-370g	Apply to winter crops on light soils only.
		QLD only (Winter crop)	470g	Apply at first emergence of potatoes to control broadleaf weeds.
		South QLD only (Summer crop)	470-950g	Where summer grasses such as <i>Echinochloa crus-galli</i> , <i>Eleusine</i> , <i>Digitaria</i> and <i>Panicum</i> spp. are a problem.
		Atherton Tablelands (QLD only)	950g	Apply to summer crops at first emergence of potatoes to control broadleaved weeds and more troublesome grasses such as <i>Eleusine</i> , <i>Digitaria</i> and <i>Panicum</i> spp.
		Irrigated Soybeans	Apple of Peru, Cobbler's Pegs, Pigweed, Noogoora Burr, Common Thornapple, Summer Grass, Caltrop	NSW, ACT, NT only
Irrigated Soybeans (Variety Davis only)	Refer to weeds listed for Soybeans plus Anoda Weed, Awnless Barnyard Grass Suppression only of Bellvine	QLD, NT only	750g	Use only on soils classified as silty clay-heavy clay.

CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE g/ha	CRITICAL COMMENTS
Sugarcane PLANT CANE (up to 3 leaf stage)	Amaranth, Apple of Peru, Awnless Barnyard Grass, Bluetop, Crowsfoot Grass, Fat Hen, Gooseberry, Green Summer Grass, Noogoora Burr, Potato Weed, Shepherd's Purse, Sowthistle, Summer Grass	QLD, NSW, WA only	640g to 2kg/ha	TITAN Metribuzin 750 WG Herbicide can be used alone or in mixtures with other residual herbicides. Control of difficult species can be improved in tank mixtures. Use the higher rates for extended residual control. DO NOT use TITAN Metribuzin 750 WG Herbicide at this stage for plant crops grown on very light sandy soil. For conventional planting, ensure that the drill profile is broadly shaped so that loose soil slippage from the sides will not occur. Spray as a broadcast or band spray, ensuring even coverage of the soil surface. If applied as a band spray, direct the spray band so that it is centred over the row. For banded applications, weeds germinating in the untreated soil away from the band will need to be controlled by cultivation at the later workings. DO NOT disturb treated soil surface after application. DO NOT apply in less than 250L/ha of spray mixture. If weeds are larger than the 2-leaf stage at application, add a suitable contact herbicide. Refer to the Compatibility section. Soil should preferably be slightly moist at application. Incorporation by rain or irrigation within 7 days after application is necessary for best results. Use the higher rates in soils with heavy clay or high organic matter content.
	Black Pigweed, Caltrop, <i>Ipomoea</i> spp. (Bellvine, Convolvulus, Star of Bethlehem), Pigweed		800g to 2kg/ha	
Sugarcane PLANT CANE (final hilling until "out of hand" stage) RATOON CANE (after harvest until "out of hand" stage)	Amaranth, Apple of Peru, Awnless Barnyard Grass, Black Pigweed, Bluetop, Caltrop, Crowsfoot Grass, Fat Hen, Gooseberry, Green Summer Grass, Noogoora Burr, Pigweed, Potato Weed, Shepherd's Purse, Sowthistle, Summer Grass	QLD, NSW, WA only	800g to 2kg/ha	TITAN Metribuzin 750 WG Herbicide can be used alone or in mixtures with other residual herbicides. Control of difficult species can be improved in tank mixtures. Apply as directed sprays so that the inter-row areas are completely and evenly sprayed. Use the higher rates for extended residual control. DO NOT disturb treated soil surface after application. DO NOT apply in less than 250L/ha of spray mixture. Soil should preferably be slightly moist at application. Incorporation by rain or irrigation within 7 days after application is necessary for best results. If weeds are established at the time of application, add a suitable contact herbicide. Refer to the Compatibility section. DO NOT apply over green cane trash blanket before it is thoroughly broken down. Use the higher rates in soils with heavy clay or high organic matter content.
	<i>Ipomoea</i> spp. (Bellvine, Convolvulus, Star of Bethlehem)		1.5 to 2kg/ha	
PLANT CANE RATOON CANE (application post-emergence after crop canopy closure)	Amaranth, Bluetop, <i>Ipomoea</i> spp. (Bellvine, Convolvulus, Star of Bethlehem)	QLD, NSW, WA only	640g to 1kg/ha	Using appropriate high-clearance or inter-row equipment, apply as directed sprays, using droppers so that the inter-row areas are completely and evenly sprayed. Use the higher rates when weed growth is advanced. Mix with a suitable contact herbicide at an appropriate rate. Refer to the Compatibility section. Spray before climbing broadleaf weeds, such as vines, are taller than the spray nozzle height. Good coverage of growing tips of vine weeds is necessary for adequate control. DO NOT apply in less than 250L/ha of spray mixture. Soil should preferably be slightly moist at application. Incorporation by rain or irrigation within 7 days after application is necessary for best results.
Tomatoes Interrow spaces of furrow irrigated tomatoes	Refer to Peas section plus: Barnyard Grass, Summer Grass, Crowsfoot Grass, Blackberry Nightshade, Pigweed, Black Pigweed, Bull's Head, Green Summer Grass	QLD, NT only	950g or 9.5g/100m of row	Apply in a 1 metre band centred on the interrow either during or shortly after the formation of the final furrow. Apply to soil moist at the surface. DO NOT exceed spraying pressures of 200kPa as excessive drift will occur.
Wheat (Blade only)	Capeweed, Common Cotula, Doublegee, Fumitory, Indian Hedge Mustard, Toad Rush, Wild Turnip, Wild Radish, Wireweed, Brome Grass (<i>Bromus diandrus</i> and <i>B. rigidus</i>), Annual Ryegrass, Barley Grass (refer to critical comments)	WA – Great northern region only Sandy-sandy loam soils	200g and incorporated by sowing (IBS) 200g/ha plus a Trifluralin 480 at 1L/ha and incorporated by sowing (IBS)	TITAN Metribuzin 750 WG Herbicide has increased crop safety and gives more reliable weed control when incorporated by sowing and trailing harrows. Reduced grass control may occur under high weed burdens (>100/m ²). To achieve good control of Annual Ryegrass and Barley Grass add Trifluralin 480 at 1L/ha. Ensure TITAN Metribuzin 750 WG Herbicide is fully dispersed in the boom spray tank prior to the addition of Trifluralin 480. Refer to the application section of this and the Trifluralin 480 label for complete instructions on the product use.
Wheat and Barley	Toad Rush	NSW, ACT, VIC, SA only	100g/ha	Toad Rush should be sprayed at the 2-4 leaf stage for optimum control. Spray when soil moisture is plentiful and soil is moist to the surface. Take advantage of dew on the soil surface.
Oats		VIC only		

CROP/SITUATION	WEEDS CONTROLLED	STATE	RATE g/ha	CRITICAL COMMENTS
White Lupins	Buchan Weed, Capeweed, Charlock, Chickweed, Deadnettle (<i>Lamium</i> spp.), Fat Hen, Fumitory (Common and Wall Fumitory – TAS), Wireweed (Hogweed), Lesser Swinncress, Purple Calandrinia, Scarlet Pimpernel, Spiny Emex, Corn Spurry (Spurry – TAS), Stinging Nettle (Dwarf Nettle – TAS), Toad Rush, Winter Grass, Heliotrope, Wild Oats, Wild Turnip, Wild Radish Suppression only: Sub-clover and Docks (Broadleaved Dock – TAS)	TAS only	400g	Spring Application: Apply after sowing but before crop emerges.

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

WITHHOLDING PERIODS:

Harvest

TOMATOES: DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST.

SUGARCANE: DO NOT HARVEST FOR 21 WEEKS AFTER APPLICATION.

OTHER CROPS: NOT REQUIRED IF USED AS DIRECTED.

Grazing

SUGARCANE: NOT REQUIRED WHEN USED AS DIRECTED.

OTHER CROPS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

GENERAL INSTRUCTIONS

TITAN Metribuzin 750 WG Herbicide is non-corrosive to equipment, non-flammable and non-volatile. The degree of weed control and duration of effect will vary with the amount of herbicide applied, soil texture, rainfall and other conditions.

MIXING AND APPLICATION COMPATIBILITY

TITAN Metribuzin 750 WG Herbicide is compatible with the herbicides chlorsulfuron, metsulfuron, glyphosate, pendimethalin, propargite, Brodal* Selective Herbicide and Trifluralin 480.

MIXING (General)

TITAN Metribuzin 750 WG Herbicide is a selective systemic herbicide that inhibits photosynthesis in target weeds. TITAN Metribuzin 750 WG Herbicide is to be mixed with water and applied as a spray. Before spraying calibrate equipment to determine the quantity of water necessary to uniformly cover the measured area to be treated. Partially fill the tank with water. Measure the amount of herbicide required for the area to be sprayed, adding this amount of TITAN Metribuzin 750 WG Herbicide to the spray tank with the agitation system engaged. Top up to the correct volume with water.

THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION.

In tank mixes TITAN Metribuzin 750 WG Herbicide must be in suspension before adding the companion herbicide or liquid fertiliser.

Pre-planting Incorporation Treatment:

TITAN Metribuzin 750 WG Herbicide plus Trifluralin 480:

Add TITAN Metribuzin 750 WG Herbicide to water in spray tank with agitator running as above. Maintain agitation then add Trifluralin 480 at the recommended rates (Refer to Trifluralin 480 label).

APPLICATION (General)

Best results are obtained if treatment is made to moist soil and moisture is supplied by rainfall or sprinkler irrigation (6-12mm) within 2 weeks after application. If heavy rains occur soon after application, injury to the crop may result.

Aerial Application (QLD only)

Peas: Apply in a minimum of 20 litres water per hectare.

Potatoes: Apply in a minimum of 50 litres water per hectare. Avoid overlapping of spray swath, avoid spraying in still conditions and in wind likely to cause drift.

PRE-EMERGENCE AND POST-EMERGENCE (TO CROP)

TITAN Metribuzin 750 WG Herbicide should not be applied when weeds are in the young seedling stage (no more than 3 true leaves). Under dry conditions there is no root uptake of TITAN Metribuzin 750 WG Herbicide and results against grass weeds and Wireweed (Hogweed) will be poor. Except for small areas, use fixed boom power sprayers set at 200-300kPa (for tomatoes do not exceed 200kPa) and fitted with fan nozzles. Apply a minimum of 80L-100L prepared spray/ha. Openings in screens should be equal to or larger than 50 mesh. Agitate by mechanical or hydraulic means in spray tank. When spraying avoid overlapping. Shut off spray booms whilst starting, turning, slowing or stopping otherwise crop injury may result.

Pre-plant incorporated – Soybeans only

TITAN Metribuzin 750 WG Herbicide alone or in combination with Trifluralin 480: Spray anytime from 4 week before sowing until just before sowing. Use fixed boom power sprayers set at 200-300kPa and fixed with fan nozzles. Use 120-500 litres water per hectare. Openings in screens should be equal to or larger than 80 mesh. Agitate by mechanical or hydraulic means in the spray tank. When spraying avoid overlapping. Shut off spray booms while starting, turning, slowing and stopping otherwise crop injury may result.

TITAN Metribuzin 750 WG Herbicide alone: If possible, spray and incorporate within the same operation. If not possible incorporate spray within 24 hours of application using Go-devil or Lilliston cultivators set to work 5cm deep.

TITAN Metribuzin 750 WG Herbicide plus Trifluralin 480: After spraying mix soil within 4 hours. Spray and incorporate during the one operation if possible. (Refer to Trifluralin 480 label for specific incorporation details).

SPRAYER CLEANUP

Thoroughly clean all traces of TITAN Metribuzin 750 WG Herbicide and/or Trifluralin 480 from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean these parts separately).

RESISTANT WEEDS WARNING

TITAN Metribuzin 750 WG Herbicide is a member of the Triazines group of herbicides. TITAN Metribuzin 750 WG Herbicide has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management TITAN Metribuzin 750 WG Herbicide is a Group 5 herbicide. Some naturally-occurring weed biotypes resistant to TITAN Metribuzin 750 WG 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 used repeatedly. These resistant weeds will not be controlled by TITAN Metribuzin 750 WG Herbicide or other Group 5 herbicides. Annual Ryegrass biotypes resistant to METRIBUZIN and other ryegrass specific herbicides may be resistant to TITAN Metribuzin 750 WG Herbicide. TITAN AG Pty Ltd recommends resistance testing of the population to ensure susceptibility prior to use. 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 Metribuzin 750 WG Herbicide to control resistant weeds. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be made to prevent seed set of the survivors.

DO NOT make more than one application of a Group 5 Herbicide to a crop in the same season, either pre-sowing, incorporated by sowing or post crop and weed emergence. If the user suspects that Group 5 Herbicide resistant weeds are present, TITAN Metribuzin 750 WG Herbicide or other Group 5 Herbicides should not be used. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries.

GROUP 5 HERBICIDE



RE-ENTRY – SUGARCANE

DO NOT allow entry into treated areas for 72 hours. When prior entry is necessary wear cotton overalls buttoned to the neck and wrist and a washable hat and chemical resistant gloves. Clothing must be laundered after each days use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply (except as recommended for crop use) or drain or flush equipment 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, as injury or loss may occur.

DO NOT plant treated area to sensitive crops such as brassicas, sunflowers, beetroot, cucurbits, lettuce or onions for at least 6 months following application of TITAN Metribuzin 750 WG Herbicide as crop injury may result. Thoroughly work the soil prior to planting of these crops.

If rates of TITAN Metribuzin 750 WG higher than 960g/ha were used, allow at least 12 months before planting these crops.

DRIFT WARNING

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures.

Tomatoes: DO NOT plant follow-on crops of cucurbits or capsicums when applying TITAN Metribuzin 750 WG Herbicide to autumn plantings.

CROP SAFETY

DO NOT apply TITAN Metribuzin 750 WG Herbicide to crops that are stressed by any cause (such as severe weather conditions, water logging, drought, excessive soil pH, poor nutrient status, disease, insect or nematode damage) as crop injury may result.

Sugarcane: DO NOT use TITAN Metribuzin 750 WG Herbicide unless it is ascertained that the sugarcane variety to be treated shows sufficient tolerance to the treatment under local climatic conditions. When tank mixing TITAN Metribuzin 750 WG Herbicide with Diuron 500 SC or Diuron 900 WG, users are advised to read the diuron label in full, particularly when applying over the top of cane up to the 3 leaf stage.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

Sugarcane: After application of metribuzin, DO NOT irrigate crop to the point of run-off unless it can be retained on farm.

DO NOT apply within 30 metres of a downwind waterway for all ground spray applications without droppers.

DO NOT apply within 75 metres of downwind non-target vegetation for all ground spray applications without droppers.

Run-off water (irrigation or natural precipitation) from treated fields should be prevented from entering natural waterways where possible. Vegetative buffer zones between treated fields and natural waterways are recommended. Headlands and spoon drains should be well maintained so that run-off flow is not accelerated. Steady gradients, even profiles and grasses surfaces on headlands and drains reduce off farm movement of run-off. Application should be planned to avoid run-off within 48 hours of application. Application should not be made to wet/waterlogged soils. Application should not be made if heavy rains are expected within 48 hours. Irrigation should not occur within 48 hours of application.

Risk to beneficial insects

Metribuzin may have adverse effects on some beneficial insects, in particular where IPM is practised, to foliage dwelling predators.

STORAGE AND DISPOSAL

Bottle: Store in the closed, original container in a cool, well-ventilated area as cool as possible. DO NOT store for prolonged periods in direct sunlight. Keep from contact with fertilisers, insecticides, fungicides and seeds. Triple rinse containers before disposal. Add rinsings to the 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 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.

Bag: Store in the closed, original container in a cool, well-ventilated area as cool as possible. DO NOT store for prolonged periods in direct sunlight. Keep from contact with fertilisers, insecticides, fungicides and seeds. Shake empty bag into spray tank. Single rinse plastic bags before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. Puncture or shred and bury empty containers in a local authority landfill. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale dust or spray mist. Repeated minor exposure may have a cumulative poisoning effect. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves and a face shield or goggles. Wash hands after use.

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 Metribuzin 750 WG 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: Harmful if swallowed. Very toxic to aquatic life with long lasting effects. Precautionary Statements: Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Collect spillage. Dispose of contents/container in accordance with local/regional/national regulations.

