

Product Name: Agsure Metribuzin 750 Herbicide
APVMA Approval No: 84318/110099



Label Name:	Agsure Metribuzin 750 Herbicide
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	750 g/kg METRIBUZIN
Mode of Action:	GROUP C HERBICIDE
Statement of Claims:	For selective weed control in various broadacre and vegetable crops as specified in the Directions for Use table.
Net Contents:	2.5 kg, 5 kg, 10 kg
Restraints:	DO NOT apply until soil is well wetted by the first good soil settling rain after sowing. 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 kg Agsure Metribuzin 750 per hectare in any field per season for sugarcane.
Directions for Use:	
Other Limitations:	

Withholding Periods:	<p>WITHHOLDING PERIODS:</p> <p>HARVEST</p> <p>ASPARAGUS: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.</p> <p>SUGARCANE: DO NOT HARVEST FOR 21 WEEKS AFTER APPLICATION.</p> <p>TOMATOES: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.</p> <p>OTHER CROPS: NOT REQUIRED WHEN USED AS DIRECTED.</p> <p>GRAZING</p> <p>ALL USES (EXCEPT SUGARCANE): DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.</p> <p>SUGARCANE: NOT REQUIRED WHEN USED AS DIRECTED.</p>
----------------------	--

Trade Advice:	<p>EXPORT OF TREATED PRODUCE</p> <p>Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with Agsure Metribuzin 750 Herbicide.</p> <p>If you are growing edible product for export, please check with Elders Rural Services Australia Ltd. for the latest information on MRLs and import tolerances before using Agsure Metribuzin 750 Herbicide.</p>
---------------	--

General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>Agsure Metribuzin 750 is effective against a range of broadleaf weeds and some grasses. Agsure Metribuzin 750 is absorbed by roots, shoots and leaves of weeds. It can therefore be applied before or after weeds emerge depending on the tolerance of the crop being treated. For recently introduced varieties DO NOT use Agsure Metribuzin 750 unless it is ascertained that the variety to be treated shows sufficient tolerance to the treatment under local climatic conditions.</p> <p>CROP SAFETY</p> <p>The use of other herbicides and/or crop oils on broadleaf crops treated with Agsure Metribuzin 750 may cause severe damage.</p> <p>When tank mixing Agsure Metribuzin 750 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 3 leaf stage.</p> <p>COMPATIBILITY</p> <p>Agsure Metribuzin 750 is compatible with 2, 4-D amine 625, ioxynil/2,4-D, ametryn, diflufenican, picloram/2,4-D, diuron, isoxaflutole, metsulfuron-methyl, paraquat, trifluralin, omethoate, pendimethalin, chlorsulfuron and non-ionic surfactant.</p> <p>DO NOT mix concentrates together but add each to the spray tank separately. As formulations of other manufacturers' products are beyond the control of Elders Rural Services Australia Limited all mixtures should be tested prior to mixing commercial quantities. As changes in climatic conditions can alter the sensitivity of plants to mixtures of sprays, Elders Rural Services Australia Limited cannot be responsible for the behaviour of such mixtures.</p> <p>MIXING</p> <p>Agsure Metribuzin 750 is a water dispersible granule formulation 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. Carefully weigh the amount of Agsure Metribuzin 750 required and add to partially filled spray tank with agitation operating. Top up to the correct volume with water. THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION. In tank mixes Agsure Metribuzin 750 must be in suspension before adding the companion herbicide or liquid fertiliser.</p> <p>APPLICATION</p> <p>General</p>
-----------------------	---

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

Pre-emergence

Soil should preferably be moist to the surface and must not be cloddy or have residues of a previous crop on the surface. It is better to delay pre-emergence spraying of loose or fluffy soils until there is a good soil settling rain. Rain or irrigation soon after spraying is required to activate Agsure Metribuzin 750.

Post-emergence

Post-emergence spraying will control young actively growing emerged weeds through leaf uptake. Subsequent pre-emergence control of later germinating weeds requires rain or irrigation after spraying. Crops may show slight chlorosis or necrosis after spraying. Two sunny days before spraying enhances crop tolerance. Heavy rain (80-100 mm) after spraying on deep sandy or friable well structured soils may leach Agsure Metribuzin 750 beyond the root zone thus reducing residual effect.

Ground Spraying

Apply Agsure Metribuzin 750 through a carefully calibrated boom spray set at 200 to 300 kPa pressure (except for tomatoes in Qld only) fitted with fan nozzles. Use a convenient quantity of water (50-100 L/ha). Cone nozzles and other means of application are not satisfactory and should not be used. When spraying avoid over-lapping and shut off spray booms while starting, turning slowly and when stopped. Neglect of these procedures will cause higher rates of application resulting in crop damage. Delay post-emergence spraying if rain is expected within a few hours.

Sugarcane

DO NOT apply in less than 250 L/ha of spray mixture. Soil should preferably be slightly moist at application. Incorporation by rain or irrigation from 2 to 7 days after application is best for optimum results in sugarcane in hot and high UV radiation environments. Soil must not be cloddy or have excessive crop residue from a preceeding crop. Trash blankets must be thoroughly compacted and broken down for any pre-emergence efficacy. DO NOT apply by aircraft.

Aerial Spraying

Wind: Spray only in crosswinds, otherwise uneven coverage may result. DO NOT spray onto inversions or in dead calm conditions. DO NOT spray when winds are light and variable in direction unless smoke indicators or the spray cloud show that the spray is going down into the crop. Spray drift may damage adjoining crops. Make sure that the wind is blowing away from crops for which Agsure Metribuzin 750 is not recommended.

Flying: Fly with the wheels 2 to 3 metres above the crop as "wheels on crop" spraying causes uneven distribution. Track spacing must be uniform and suited to the type of aircraft and crosswind speed.

Droplet size: For grasses and vertical weeds, use fine droplets. For horizontal weeds and drift limitation, use droplets over 200 microns and increase volume.

Water volume: Use 20 to 30 L water/ha.

Pre-plant Incorporated Treatment

Agsure Metribuzin 750 + Trifluralin: Add Agsure Metribuzin 750 to water in spray tank with agitator running as above. Maintain agitation then add Trifluralin at the recommended rates (refer to Trifluralin label).

Pre-plant incorporated – Soybeans only

Agsure Metribuzin 750 alone or in combination with Trifluralin: Spray any time from 4 weeks before sowing until just before sowing. Use fixed boom power sprayers set at 200-300 kPa and fitted 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

	<p>spray tank. When spraying avoid overlapping. Shut off spray booms while starting, turning, slowing and stopping otherwise crop injury may result.</p> <p>Agsure Metribuzin 750 alone: If possible spray and incorporate within the same operation. If not possible incorporate spray within 24 hours of application using Go-devil or Lillistone cultivators set to work at 5 cm deep.</p> <p>Agsure Metribuzin 750 plus Trifluralin: After spraying mix into soil within 4 hours. Spray and incorporate during the one operation if possible. (Refer to the Trifluralin label for specific incorporation details.)</p>
--	--

Resistance Warning:	<p>Agsure Metribuzin 750 Herbicide is a member of the triazinone group of herbicides and has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management Agsure Metribuzin 750 is a Group C herbicide. Some naturally occurring weed biotypes resistant to Agsure Metribuzin 750 and other Group C 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 Agsure Metribuzin 750 or other Group C herbicides. Annual ryegrass biotypes resistant to diclofop-methyl and other 'grass specific' herbicides are often also resistant to Agsure Metribuzin 750. Before using Agsure Metribuzin 750 on a population resistant to 'grass specific' herbicides, have a resistance test conducted to ensure that it is still susceptible to Agsure Metribuzin 750. Since the occurrence of resistant weeds is difficult to detect prior to use, Elders Rural Services Australia Limited accepts no liability for any losses that may result from the failure of Agsure Metribuzin 750 to control resistant weeds.</p> <p>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.</p> <p>DO NOT make more than one application of a Group C 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 a Group C resistant weed is present, Agsure Metribuzin 750 or other Group C herbicides should not be used. Strategies to minimise the risk of herbicide resistant are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or Elders Rural Services Australia Limited representative.</p>
---------------------	---

Precautions:	<p>RE-ENTRY</p> <p>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.</p>
--------------	---

Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>Prevent drift of spray to sensitive plants. Keep from contact with fertilisers, insecticides, fungicides and seeds. Thoroughly clean all traces of Agsure Metribuzin 750 from application equipment immediately after use. To minimise risk to follow-on sensitive crops such as beetroot, brassicas, capsicums, cotton, cucurbits, lettuce, onions and sunflowers, it is advisable to work land thoroughly – allow at least 6 months (12 months for cucurbits) between application of Agsure Metribuzin 750 and sowing seed of these sensitive crops. A longer period may be required following long dry periods between crops. If rates of Agsure Metribuzin 750 higher than 960 g/ha were used, allow at least 12 months before planting these crops. The use of other herbicides and/or crop oils on broadleaf crops treated with Agsure Metribuzin 750 may cause severe damage.</p> <p>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.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Dangerous to aquatic organisms. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.</p>
--------------	---

	<p>Sugarcane</p> <p>After application of metribuzin, DO NOT irrigate crop to the point of run-off unless it can be retained on farm.</p> <p>DO NOT apply within 30 metres of a downwind waterway for all ground spray applications without droppers.</p> <p>DO NOT apply within 75 metres of downwind non-target vegetation for all spray applications without droppers.</p> <p>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 runoff flow is not accelerated. Steady gradients, even profiles and grass surfaces on headlands and drains reduce off farm movement of runoff.</p> <p>Application should be planned to avoid runoff 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.</p> <p>Risk to Beneficial Insects</p> <p>Metribuzin may have adverse effects on some beneficial insects, in particular where IPM is practised, to foliage dwelling predators.</p>
--	---

Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>Store in the closed, original container in a cool, well-ventilated area out of direct sunlight. Shake and empty contents into spray tank. DO NOT dispose of undiluted chemicals on site. 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 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:	<p>Harmful if swallowed. May 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 and a washable hat and elbow-length PVC gloves and face shield or goggles. Wash hands after use.</p>
--------------------	---

First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.</p>
-------------------------	---

First Aid Warnings:	
---------------------	--

DIRECTIONS FOR USE

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Asparagus	False Castor Oil (Thornapple), Shepherd's Purse, Fat Hen Winter weed control: Chickweed, Shepherd's Purse, Nettle, Deadnettle Spring and Summer weed control: False Castor Oil (Thornapple), Shepherd's Purse, Fat Hen	Qld, NSW, ACT, Vic, Tas, SA only	700-1400 g/ha	Direct seeded asparagus Apply to moist soil as soon as possible after sowing before crop emerges and overhead irrigate. A follow-up application may be required 4-8 weeks later for emerged weeds.
		WA only	510-960 g/ha	DO NOT spray until asparagus seedlings are at least 4 cm high. Some temporary burning may occur. Use the higher rate on heavier soils. Seedling asparagus (transplanted) DO NOT spray before asparagus seedlings are 4 cm high and seedlings have been well established after transplanting. Spray when weeds have emerged when young and actively growing. Use the higher rate on older weeds. Established asparagus in beds Apply immediately after transplanting crowns or preparing beds for cutting and before spears emerge, or after cutting for the season is finished. Overhead irrigate within a few days after spraying. Use the higher rate on heavier soils.

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Barley	Toad Rush	NSW, ACT, Vic, SA only	100 g/ha	Toad Rush should be sprayed at the 2-4 leaf stage for optimum control. Spray after rain when soil moisture is plentiful and soil is moist to the surface. Take advantage of dew on soil surface.
	Controlled: Seedlings of: Capeweed, Catsear, Charlock, Chickweed, Common Cotula, Corn Gromwell (Sheepweed, White Ironweed), Corn Spurry, Creeping Speedwell, Crown Beard (Dogweed), Deadnettle, Dock, 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), Shepherd's Purse, Sorrel, Sowthistle, Spiny Emex (Doublegee, Three Cornered Jack), Storksbill, Toad Rush, Wild Radish, Wild Turnip, Winter Grass, Yellow Burrweed Suppressed: Annual Ryegrass, Sub Clover	Vic, Tas, SA only	180 g/ha (Light sandy soils i.e. sandy loam to loamy sands) 280 g/ha (Medium soils, loams. Silt plus clay content 40 to 60%) 380 g/ha (heavy soils, clay loams. Silt plus clay content over 60%)	DO NOT spray before barley is at 3 leaf stage or later than 8 weeks after sowing. Application of this product on alkaline sandy soils (pH greater than 7) will result in severe crop damage. In Tasmania, DO NOT use AGSURE METRIBUZIN 750 on barley grown on sandy soils. For effective Wild Radish, Wireweed and Ryegrass control, the weed must have emerged before AGSURE METRIBUZIN 750 application. Wireweed in the cotyledon stage and Annual Ryegrass with no more than 2 leaves can be controlled provided rain follows within a few days of spraying. Emerged weeds must be young and actively growing.
	Buxbaum's Speedwell, Powell's Amaranth, Stagger Weed, Sun Spurge, Great Brome	Tas only		
	Buchan Weed, Fog Grass	SA only		

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Barley (except Morrell and Harrington)	Annual Ryegrass, Barley Grass, Brome Grass, Capeweed, Doublegee, Geranium, Mustard, Toad Rush, Turnip, Wild Radish, Wireweed	WA – Great Northern region only	135-150 g/ha + 1 L/ha Trifluralin (pre-sowing or incorporated by sowing)	<ol style="list-style-type: none"> 1. Correct application and incorporation techniques are critical to obtain optimum performance of AGSURE METRIBUZIN 750 and Trifluralin mixtures. ENSURE all recommendations on the Trifluralin label are followed. 2. Use the lower rate in lighter soils, and the higher rate in heavier soils. 3. Application of this product on alkaline sandy soils (pH greater than 7) will result in severe crop damage. 4. Apply to moist soil for best efficacy. 5. Seed below herbicide band at 5 cm. 6. Reduced control may occur under high weed burdens (> 100/m²). 7. The performance of AGSURE METRIBUZIN 750 and Trifluralin mixtures in terms of crop tolerance and weed control may vary according to climate, soil and crop conditions. This treatment should only be used where no alternatives are available.
Chickpeas	Controlled: as per Barley (Vic, SA, Tas). Buchan Weed, Fog Grass (SA only) Suppressed: Sub Clover	Southern NSW, ACT, Vic, SA, WA only	180 g/ha (Light sandy eg. Mallee soils) 280 g/ha (Medium soils, loams. Silt plus clay content 40 to 60%)	ONLY apply post-sowing, pre-emergence. Crops should be sown at least 5 cm deep. DO NOT apply post-emergence, as crop injury may occur. DO NOT apply to chickpeas grown on sandy soils, i.e. silt plus clay less than 40%. The vigour of lentils may be reduced, especially if heavy rain falls after spraying. 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. DO NOT apply by aircraft to chickpeas and faba beans.
Faba beans		NSW, ACT, Vic, SA, WA only	380 g/ha (heavy soils, clay loams. Silt plus clay content over 60%)	
Lentils		Vic, SA, WA only	380 g/ha (heavy soils, clay loams. Silt plus clay content over 60%)	

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Lupins (Gungurru, Meritt, Myallie only)	For control of Wild Radish up to 250 mm diameter. For suppression of Capeweed, Doublegee and larger Wild Radish. Use higher rate on larger weeds.	WA – Great Northern region only	100-150 g/ha plus 100 mL Brodal* Options	<ol style="list-style-type: none"> 1. AGSURE METRIBUZIN 750 should only be used following a pre-sowing treatment of Simazine. 2. DO NOT apply to alkaline soils with pH >7. 3. Apply to actively growing lupins from the 3-4 leaf stage onwards. 4. DO NOT apply to weeds or crop which are under stress. 5. Apply to moist soil for best efficacy. 6. Use higher rates for heavy weed burden and larger weed size. Apply before weeds are covered by crop canopy. 7. Best results are obtained if good soil moisture exists at, and received soon after application. 8. DO NOT apply wetting agents, spray oils or grass selective herbicides with the AGSURE METRIBUZIN 750 + Brodal Options mixture. 9. Transient crop yellowing and burning may become evident after application. This effect is short term and will not normally reduce lupin yield. 10. Refer to Critical Comments section on the Brodal Options label. <p>IMPORTANT</p> <p>The performance of AGSURE METRIBUZIN 750 in terms of crop tolerance and weed control may vary with varying climate, soil and crop conditions. This treatment should only be used where no alternatives are available.</p>
Oats	Toad Rush	Vic only	100 g/ha	Toad Rush should be sprayed at the 2-4 leaf stage for optimum control. Spray after rain when soil moisture is plentiful and soil is moist to the surface. Take advantage of dew on soil surface.

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Peas (Field, Processing and Green)	Controlled: as per Barley (Vic, SA, Tas).	Qld, NSW, ACT, Vic, Tas, SA only	180 g/ha (Light sandy eg. Mallee soils) 280 g/ha (Medium soils, loams. Silt plus clay content 40 to 60%) 380 g/ha (heavy soils, clay loams. Silt plus clay content over 60%) 470 g/ha (Kooweerup swamp and volcanic soils)	Pea crops should be sprayed pre-emergence or early post-emergence of crop and/or weeds, but within 6 weeks after sowing (and not later than 8 weeks in Victorian Winter crops). Peas must not be beyond the 3 node stage. DO NOT treat peas post-emergence in areas or soils where Collar Rot, Stem Rot and Black Spot are present or are likely to occur. In Tasmania, DO NOT use AGSURE METRIBUZIN 750 on field peas grown on light sandy soils. DO NOT spray Cressy Blue peas post-emergence. Some other varieties, e.g. Dundale and Wirrega, may be especially sensitive to AGSURE METRIBUZIN 750. DO NOT use on a large scale unless it has been ascertained that the variety shows sufficient tolerance under local conditions. For effective Wild Radish, Wireweed and Ryegrass control, the weed must have emerged before AGSURE METRIBUZIN 750 application. Wireweed in the cotyledon stage and Annual Ryegrass with no more than 2 leaves can be controlled provided rain follows within a few days of spraying. Emerged weeds must be young and actively growing.
	Suppressed: Annual Ryegrass, Sub Clover			
	Buxbaum's Speedwell, Powell's Amaranth, Stagger Weed, Sun Spurge Buchan Weed, Fog Grass	Tas only SA only		
Pigeon Peas	Apple of Peru, Bladder Ketmia, Gooseberry, Noogoora Burr, Cowvine (Peach Vine), Volunteer Cotton, Yellow Vine, False Castor Oil (Thornapples)	Qld, NSW, ACT only – except sandy soils	470 g/ha	Rain grown and overhead irrigated crops: Apply immediately after or within a day or two after sowing before crops emerge then irrigate. Otherwise rain after spraying before weeds emerge is necessary to get useful weed control. The longer the time interval between spraying and rain or irrigation the less the effectiveness of the herbicide. AGSURE METRIBUZIN 750 can be applied to a band centred on crop rows for in-row weed control. Untreated soil between treated bands thrown onto treated areas during subsequent cultivation will reduce weed control along rows. AGSURE METRIBUZIN 750 can be applied after pre-sowing Trifluralin treatment. Avoid leaving a depression over the row during planting to enhance crop tolerance. Furrow irrigated crops: Apply after furrowing out and within two weeks before sowing and incorporate with Lillistone cultivators to finely tilled soil free of emerged weeds. Where grass weeds are expected, add Trifluralin at the rate recommended by the manufacturer for the soil type. For post-emergence weed control: Apply when weeds are in the young seedling stage and actively growing, provided crop plants have at least 2-trifoliolate leaves. DO NOT spray if rain is likely to fall within several hours. Transitory damage may occur to the pigeon pea crop but yields will not be significantly affected.

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Potatoes Some varieties such as Atlantic, Harmony, Nadine and Red Skin varieties are especially sensitive to AGSURE METRIBUZIN 750. Damage may occur even at the lowest label rate. DO NOT use on Bison potatoes.	Controlled: as per Barley (Vic, SA, Tas). Suppressed: Annual Ryegrass, Dock, Sub Clover, Summer grasses (<i>Digitaria</i> spp.)	All States	470 g/ha or 700 g/ha	Spray when potatoes are emerging with the largest shoots not more than 10 cm tall. Use higher rate for emerging Summer grasses. In Summer crops on soils which dry rapidly on the surface, the young actively growing weeds will be killed but residual effect may be reduced. If there is a subsequent germination of weeds apply a second spray at 470 g/ha (except NSW). DO NOT use AGSURE METRIBUZIN 750 in Western Australia in the Perth metropolitan area; on the south west Winter potato crops; or on Delaware potatoes on light soils.
		Vic – Bellarine Peninsula only	280-370 g/ha (Winter)	Potatoes may be hilled before or after spraying AGSURE METRIBUZIN 750. If hilled after spraying a good rain or irrigation is desirable between spraying and hilling. No other cultivation should be necessary. Use higher rate for emerging Summer grasses.
		Qld – Atherton Tableland only	470 g/ha for Winter crops 950 g/ha for Summer crops	Hill up the crop soon after planting. Irrigate to allow weed seeds to germinate and potatoes to begin emerging. Apply as an overall spray to a soil moist to the surface, before all the crop has emerged.
Soybeans in soils of pH 9 or lower (except cv Triton)	Apple of Peru, Bladder Ketmia, Cowvine (Peach Vine), Gooseberry, Noogoora Burr, Volunteer Cotton	NSW – clay soils in NW only Qld – clay soils on Darling Downs only	470 g/ha	Rain grown and overhead irrigated crops: Apply immediately after or within a day or two after sowing before crops emerge then irrigate. Otherwise rain after spraying before weeds emerge is necessary to get useful weed control. The longer the time interval between spraying and rain or irrigation the less the effectiveness of the herbicide. AGSURE METRIBUZIN 750 can be applied to a band centred on crop rows for in-row weed control. Untreated soil between treated bands thrown onto treated areas during subsequent cultivation will reduce weed control along rows. AGSURE METRIBUZIN 750 can be applied after pre-sowing Trifluralin treatment. Avoid leaving a depression over the row during planting to enhance crop tolerance. Furrow irrigated crops: Apply after furrowing out and within two weeks before sowing and incorporate with Lillistone cultivators to finely tilled soil free of emerged weeds. Where grass weeds are expected, add Trifluralin at the rate recommended by the manufacturer for the soil type. DO NOT use on cv Triton as crop damage may occur.

CROP/ SITUATION	WEEDS	STATE	RATE	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	640 g to 2 kg/ha	AGSURE METRIBUZIN 750 can be used alone or in mixtures with other residual herbicides. Control of difficult species can be improved in tank mixtures. Use the higher rate for extended residual control. DO NOT use AGSURE METRIBUZIN 750 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.
	Black Pigweed, Caltrop, <i>Ipomoea</i> spp. (Bellvine, Convolvulus, Star of Bethlehem), Pigweed		800 g to 2 kg/ha	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 250 L/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.
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		800 g to 2 kg/ha	AGSURE METRIBUZIN 750 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 kg to 2 kg/ha	

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
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	640 g to 1 kg/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 250 L/ha of spray mixture. Soil should be preferable be slightly moist at application. Incorporation by rain or irrigation within 7 days after application is necessary for best results.
Tomatoes	Controlled: as per Barley (Vic, SA, Tas) plus Barnyard Grass, Bull's Head, Crowsfoot Grass, Nightshade, Pigweed, Black Pigweed, Summer Grass, Green Summer Grass	Qld, NT only	950 g/ha (9.5 g/100 m of row)	Apply in a 1 metre wide band centred on the inter-row either during or shortly after the formation of the final irrigation furrow. Apply to soil moist to the surface. Apply through applicators fitted with flat fan nozzles and operated at pressures not exceeding 200 kPa to avoid misting and spray drift. DO NOT follow Autumn plantings of tomatoes with cucurbits or capsicums in the same season.
Transplanted Tomatoes	Apple of Peru, Potato Weed	NSW, ACT only	470-770 g/ha	Apply as a directed spray to weeds at the base of tomato plants. Use the lower rate when tomatoes have 4-5 expanded leaves or the higher rate when tomatoes beyond this stage and weeds are well established. Accurately calibrated spray equipment, fitted with one flat fan 80° even spray Teejet nozzle operated to deliver 100 to 200 L of spray per hectare and angled to avoid tomato leaves should be used. DO NOT apply during or soon after prolonged periods of overcast or cloudy weather. Allow at least two fine, sunny days before spraying. Spray on a sunny fine day. Suppression of other broadleaved weeds such as false castor oil may occur.

CROP/ SITUATION	WEEDS	STATE	RATE	CRITICAL COMMENTS
Vetch	Controlled: as per Barley (Vic, SA, Tas)	Vic, SA, WA only	180 g/ha (Light sandy soils eg. sandy loam to loamy sands) 280 g/ha (Medium soils, loams. Silt plus clay content 40 to 60%) 380 g/ha (Heavy soils, clay loams. Silt plus clay content over 60%)	<i>Crop:</i> Only apply post sowing pre-emergence. Crop should be sown at least 5 cm deep. The vigour of vetch may be reduced, especially if heavy rain falls after spraying. <i>DO NOT</i> apply post-emergence, as crop injury will result. <i>Weeds:</i> 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.
Wheat	Toad Rush	NSW, ACT, Vic, SA only	100 g/ha	Toad Rush should be sprayed at the 2-4 leaf stage for optimum control. Spray after rain when soil moisture is plentiful and soil is moist to the surface. Take advantage of dew on soil surface.
Blade Wheat	Annual Ryegrass, Barley Grass, Brome Grass, Capeweed, Doublegee, Geranium, Mustard, Toad Rush, Turnip, Wild Radish, Wireweed	WA – Great Northern region only	200 g/ha + 1 L/ha Trifluralin (pre-sowing or incorporated by sowing)	<ol style="list-style-type: none"> 1. Correct application and incorporation techniques are critical to obtain optimum performance of AGSURE METRIBUZIN 750 and Trifluralin mixtures. Ensure all recommendations on the Trifluralin label are followed. 2. <i>DO NOT</i> apply to alkaline soils with pH > 7. 3. Apply to moist soil for best efficacy. 4. Seed below herbicide band at 5 cm. 5. Reduced control may occur under high weed burdens (> 100/m²). 6. The performance of AGSURE METRIBUZIN 750 and Trifluralin mixtures in terms of crop tolerance and weed control may vary according to climate, soil and crop conditions. This treatment should only be used where no alternatives are available.

CROP/ SITUATION	WEEDS	STATE	RATE	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 Swinecress, Purple Calandrinia, Scarlet Pimpernel, Spiny Emex, Com Spurry (Spurry – Tas), Stinging Nettle (Dwarf Nettle – Tas), Toad Rush, Winter Grass, Heliotrope, Wild Oats, Wild Radish, Wild Turnip Suppression only: Sub Clover and Docks (broadleaf Dock – Tas)	Tas only	400 g/ha	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.**