

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO AGCARE

METRIBUZIN

750 WG

HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg METRIBUZIN

GROUP	C	HERBICIDE
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For selective weed control in cereals, pastures and other crops,
including vegetables, as indicated in the
Directions for Use.

**IMPORTANT: READ THE ATTACHED
LEAFLET BEFORE USE**



Kenso Corporation (M) Sdn Bhd
3C / 59 Oxford Street
Bulimba QLD 4171
Phone (07) 3217 9788
www.kenso.com.au

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 2.5 Kilograms APVMA Approval No.: 58087/ 2.5KG/ 0809

KENSO AGCARE METRIBUZIN 750 WG HERBICIDE

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated area, as cool as possible.

Do not store for prolonged periods in direct sunlight.

Keep away from contact with fertilizers, insecticides, fungicides and seeds.

Triple or preferably pressure rinse containers before disposal. Add rinsing to spray tank. Do not dispose of undiluted chemicals on-site. If recycling return clean containers to recycler or point of sale. If not recycling, break, crush or puncture and bury containers in a local landfill. If not available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. 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 and a washable hat, elbow-length PVC gloves and face shield or goggles. Wash hands after use.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia.: 131126).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE

"Kenso Corporation (M) Sdn. Bhd." ('Kenso') 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 Kenso'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 Kenso has any authority to add to or alter these conditions.

In a Transport Emergency
Dial **000**
Police or Fire Brigade



Batch No.:
Date of Manufacture:

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750 WG

Herbicide

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HERBICIDE

For selective weed control in cereals, pastures and other crops, including vegetables as indicated in the Directions for Use Table.

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BEFORE USE

APVMA Approval No: 58087/0809



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Ph: (07) 3217 9788

DIRECTIONS FOR USE
RESTRAINTS:
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, nematode or insect damage) as crop injury may result.

CROP/ SITUATION	WEEDS CONTROLLED	STATE (S)	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), Shepherd's Purse, Sorrel seedlings, Sow Thistle, Spiny Emex (Doublegee, Threecornered Jack(s)), Storksbill, Toad Rush, Wild Radish, Wild Turnip, Winter Grass, Yellow Burnweed	Vic & Tas only	180 g (Light sandy soils, i.e. sandy loams to loamy sands)	Apply to moist soil while weeds are young and actively growing and barley plants are at the 5-leaf stage.
			280 g (Medium soils, loams, silt plus clay 40-60%)	DO NOT use on barley grown on alkaline light sandy soils with a pH over 7.
			380 g (Heavy soils, clay loams, silt plus clay over 60%)	DO NOT use on barley grown on light sandy soils (TAS).
Barley All varieties excluding Morrell	Buxium's Speedwell, Powell's Amaranth, Stagger weed, Sun Spurge, Great Brome	Tas only		
Barley All varieties excluding Morrell	Cape weed, Common Cotula, Double gee, Fumitory, Indian Hedge Mustard, Toad rush, Wild Radish, Wild Turnip, Wire weed.	WA only Sandy or Sandy loam soils	135-150 g plus Kenso Agcare Trifluralin 480 at 1L/ha and incorporated by sowing (IBS) within 4hrs	DO NOT apply to Morrell Barley. Use the lower rate in lighter soil and increase for heavier soils. Apply to moist soil for best efficacy. Seed below herbicide band at 5 cm. Reduced control may occur under high weed burdens (> 100/m ²). Ensure Kenso Agcare 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 label for complete instructions on product use.

CROP/ SITUATION	WEEDS CONTROLLED	STATE(S)	RATE g/ha	CRITICAL COMMENTS
Chick peas, Faba Beans, Lentils, Vetch	Refer to the barley section	SA, VIC & WA only	180 g (Light sandy soils, i.e. sandy loams to loamy sands)	Crop: ONLY apply post-sowing, pre-emergence at least 5 cm deep. DO NOT apply post-emergence as crop injury will occur.
			280 g (Medium soils, loams, silt plus clay 40-60%)	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.
			380 g (Heavy soils, clay loams, silt plus clay over 60%)	
Lupins	Capeweed, Doublegee, Wild Radish	WA only	100-150 g plus 100 mL Brodal®	For use on varieties Gunurru, Meritt, myallie and Kayla only. DO NOT use on Danja, Kiev mutant or Albus lupins. 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 spray oils with this mixture. Some transient leaf burn may occur after application, but this will not affect 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 Brodal® label.

CROP/ SITUATION	WEEDS CONTROLLED	STATE(S)	RATE g/ha	CRITICAL COMMENTS
Peas (field and green-not snow peas)	Refer to Barley section plus: Buchan Weed, Ball Mustard, Fog Grass (SA only), Dwarf Nettle (Tas only)	NSW, VIC, SA & Tas only	180g (Light sandy soils, i.e. sandy loams to loamy sands)	Crop: Sow crop 3-4 cm deep. Apply after rain when crop is pre-emergence to 3-node stage.
			280g (Medium soils, loams, silt plus clay 40-60%)	For post-sowing pre-emergence application allow soil to settle for 2-3 days after sowing before spraying. For post-emergence apply to moist soil within 6 weeks of sowing while weeds are young and actively growing.
			380g (Heavy soils, clay loams, silt plus clay over 60%)	DO NOT spray crops affected with collar or stem rot.
Suppression only- Subclover and Docks (Broadleaved Dock- Tas only), Wild Oats			470g (Kooweerup swamps and volcanic soils)	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.

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. Keep away from contact with fertilizers, insecticides, fungicides and seeds.
Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. 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 and a washable hat, elbow-length PVC gloves and face shield or goggles. Wash hands after use.

FIRST AID

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APVMA Approval No: S8087/0809

CROP/ SITUATION	WEEDS CONTROLLED	STATE(S)	RATE g/ha	CRITICAL COMMENTS
Peas (Field and Green) (Not Snow Peas) continued	Refer to Barley section plus: Buchan Weed, Ball Mustard, Fog Grass (SA only), Dwarf Nettle (Tas only)	QLD only	470g	Apply to medium soils.
			700g	Apply to soils high in clay or organic matter content when grass weeds are a problem.
		WA only	370-470g	Refer to Critical Comments for Peas (Field and Green)
Green Peas (Post emergence) (Not Snow Peas)	Suppression only- Subclover and Docks (Broadleaved Dock- Tas only), Wild Oats	ACT, NSW, VIC, SA, Tas & 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.
			280-370g	Apply to winter crops on light soils only.
		Vic, Bellarine Peninsula only		
		Qld only (winter crop)	470g	Apply at first emergence of potatoes to control broadleaf weeds.
		Sth 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.
Irrigated Soybeans	Apple-of-Peru, Cobblers-Pegs, Pigweed, Noogoora burr, Common Thornapple, Summer Grass, Caltrop	NSW, NT, ACT only	500 g	Apply to summer crops at first emergence of potatoes to control as <i>Eleusine</i> , <i>Digitaria</i> and <i>Panicum</i> spp.
Irrigated Soybeans (Variety Davis only)	Refer to weeds listed for soybeans plus Anoda weed, Awnless Barnyard grass. Suppression only of Bellvine.	QLD, NT only	750 g	
Tomatoes inter-row spaces of furrow irrigated tomatoes	Refer to Pea section plus: Barnyard grass, Summer grass, Crowsfoot grass, Blackberry Nightshade, Pigweed, Black Pigweed, Bulls head, Green Summer grass	QLD, NT only	950 g or 9.5 g/100 m of row	Apply in a 1 metre band centred on the inter-row 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.	WA-Great northern region only Sandy-sandy loam soils	200g and incorporated by sowing (IBS)	Kenso Agcare 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).
			200g/ha plus a trifluralin 480 at 1L/ha and incorporated by sowing (IBS)	To achieve good control of Annual Ryegrass and Barley grass add Trifluralin 480 at 1L/ha.
				Ensure Kenso Agcare Metribuzin 750 WG Herbicide is fully dispersed in the boom spray tank prior to the addition of trifluralin 480.
Wheat and Barley	Toad Rush	Vic, ACT, NSW, SA only	100g	Refer to the application section of this and the trifluralin label for complete instructions on product use.
		Vic only		
Oats				
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, Corn Spurry (Spurry –Tas), Stinging Nettle (Dwarf Nettle-Tas), Toad Rush, Winter grass, Heliotrope, Wild Oats, Wild Turnip, Wild Radish. Suppression only: Subclover and docks (Broadleaved dock-Tas).	Tas only	400 g	Spring application – Apply after sowing but before crop emerges.

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

WITHHOLDING PERIODS

TOMATOES	DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST
BARLEY	DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION
OTHER CROPS	NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS

Kenso Agcare 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 Kenso Agcare Metribuzin 750 WG Herbicide applied, soil texture, rainfall and other conditions.

RESISTANCE WEEDS WARNING	GROUP	C	HERBICIDE
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Kenso Agcare Metribuzin 750 WG Herbicide is a member of the triazinones group of herbicides and has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management this is a Group C herbicide. Some naturally occurring weed biotypes resistant to Kenso Agcare Metribuzin 750 WG Herbicide 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 Kenso Agcare Metribuzin 750 WG Herbicide or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Corporation accepts no liability for any losses that may result from the failure of Kenso Agcare Metribuzin 750 WG Herbicide to control the resistant weeds. 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 Group C Herbicide resistant weeds are present, Kenso Agcare Metribuzin 750 WG Herbicide or other Group C Herbicides should not be used.

CROP SAFETY

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, nematode or insect damage) as crop injury may result.

Barley:	DO NOT apply to crops grown on sandy soils or soils low in organic matter.
Peas:	DO NOT apply to Laura, Pennant or White Brunswick varieties as phytotoxicity may occur.
(field & green)	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 Ponitac 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.
Lupins:	DO NOT apply to varieties Danja, Kiev Mutant or Albus Lupins. DO NOT apply to Lupins 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.

MIXING AND APPLICATION COMPATIBILITY

Kenso Agcare Metribuzin 750 WG Herbicide is compatible with the herbicides – Kenso Agcare Ken-Chlor 750 WDG, Ken-Met 600 WDG, Diflufenican 500 SC, and Kenso Agcare Trifluralin 480.

Mixing

General:
Kenso Agcare 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 Kenso Agcare Metribuzin 750 WG Herbicide to the spray tank with 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 Kenso Agcare Metribuzin 750 WG Herbicide must be in suspension before adding the companion herbicide or liquid fertilizer.

Pre-planting Incorporation Treatment:
Kenso Agcare Metribuzin 750 WG Herbicide plus trifluralin 480:
Add Kenso Agcare Metribuzin 750 WG Herbicide to water in spray tank with agitator running as above. Maintain agitation then add trifluralin 480 at the recommended rates.

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)
Kenso Agcare Metribuzin 750 WG Herbicide should be applied when weeds are in the young seedling state (no more than 3 true leaves). Under dry conditions there is no root uptake of Kenso Agcare 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 80-100 L 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, slowly or stopping otherwise crop injury may result.

Pre-plant Incorporated - Soybeans only
Kenso Agcare Metribuzin 750 WG Herbicide alone or in combination with Kenso Agcare Trifluralin 480.
Spray anytime from 4 weeks before sowing until just before sowing. Use fixed boom power sprayers set at 200-300kPa and fitted with fan nozzles. Use 120-500 litres water per hectare. Openings in screens should be equal to or larger than 50 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.

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

Sprayer Cleanup
Thoroughly clean all traces of Kenso Agcare Metribuzin 750 WG Herbicide and/or Kenso Agcare 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).