

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

5

HERBICIDE

For selective weed control in cereals, pastures and other crops, including vegetables, as indicated in the directions for use.

Kenso Corporation (M) Sdn Bhd
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188
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 designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill 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 and 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).

SAFETY DATA SHEET (SDS)

Additional information is listed in the Safety Data Sheet, which can be obtained from www.kenso.com.au.

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising

and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

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



Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **HARMFUL IF SWALLOWED.** Precautionary: Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. **IF SWALLOWED:** Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth.

Batch No.:

Date of Manufacture:

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KENSO
agcare

METRIBUZIN 750 WG

Herbicide

ACTIVE CONSTITUENT: 750 g/kg METRIBUZIN

GROUP 5 HERBICIDE

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

READ THIS LEAFLET BEFORE USE

APVMA Approval No.: 58087/0809



Kenso Corporation (M) Sdn. Bhd.
 Level 1, 98 Commercial Road,
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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 Burrweed	Vic & Tas only	180 g (Light sandy soils, i.e. sandy loams to loamy sands) 280 g (Medium soils, loams, silt plus clay 40-60%) 380 g (Heavy soils, clay loams, silt plus clay over 60%)	Apply to moist soil 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 a 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	Cape weed, Common Cotula, Double gee, Fumitory, Indian Hedge Mustard, Toad rush, Wild Radish, Wild Turnip, Wire weed. Brome grass (<i>Bromes dianthus & Brigades</i>) Annual Ryegrass, Barley grass	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.
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) 280 g (Medium soils, loams, silt plus clay 40-60%) 380 g (Heavy soils, clay loams, silt plus clay over 60%)	Crop: ONLY apply post-sowing, pre-emergence at least 5 cm 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.
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.

FIRST AID

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CONDITIONS OF SALE

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* Not a trademark of Kenso Corporation (M) Sdn Bhd

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CROP/ SITUATION	WEEDS CONTROLLED	STATE(S)	RATE g/ha	CRITICAL COMMENTS
Lupins (Continued from previous table)				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 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.
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-Subclover and Docks (Broadleaved Dock- Tas only), Wild Oats	NSW, VIC, SA & 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%) 470g (Kooweerup swampa and volcanic soils)	Crop: Sow crop 3-4 cm deep. Apply after rain when crop is pre-emergence to 3-node stage. 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. DO NOT spray crops affected with collar or stem rot. 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.
	Refer to Barley section plus: Buchan Weed, Ball Mustard, Fog Grass (SA only), Dwarf Nettle (Tas only)	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	Suppression only-Subclover and Docks (Broadleaved Dock- Tas only), Wild Oats	ACT, NSW, VIC, SA, Tas & WA only	470g 700g	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.
		Vic, Bellarine Peninsula only	280-370g	Where summer grasses are a problem. Apply to winter crops on light soils 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 crusgalli</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 as <i>Eleusine</i> , <i>Digitaria</i> and <i>Panicum</i> spp.

CROP/ SITUATION	WEEDS CONTROLLED	STATE(S)	RATE g/ha	CRITICAL COMMENTS
Irrigated Soybeans	Apple-of-Peru, Cobbler's-Pegs, Pigweed, Noogoora burr, Common Thornapple, Summer Grass, Caltrop	NSW, NT, ACT only	500 g	Apply pre-plant incorporated. Where grass weeds other than Summer grass are a problem apply in combination with recommended rates of trifluralin (Refer to trifluralin label for Directions of Use and incorporation techniques). Use only on soils classified as a silty clay-heavy clay.
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, Bull's head, Green Summer grass		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. 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)	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). 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. Refer to the application section of this and the trifluralin label for complete instructions on product use.
Wheat and Barley	Toad Rush	Vic, ACT, NSW, SA only	100g	Toad rush should be sprayed at the 2-4 leaf stage for optimum control.
Oats		Vic only		Spray when soil moisture is plentiful and soil is moist to the surface. Take advantage of dew on the soil surface.
White Lupins	Buchan Weed, Capeweed, Charlock, Chickweed, Deadnettle (<i>Lamium</i> spp), Fat Hen, Fumitory (Common and wall Fumitory –Tas), Wireweed (Hogweed), Lesser Swincress, 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.

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

WITHHOLDING PERIOD

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 5 HERBICIDE

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 5 herbicide.

Some naturally occurring weed biotypes resistant to Kenso Agcare 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 are used repeatedly. These resistant weeds will not be controlled by Kenso Agcare Metribuzin 750 WG Herbicide or other Group 5 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 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, Kenso Agcare Metribuzin 750 WG Herbicide or other Group 5 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: (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 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-plant 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).

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 areas to sensitive crops such as brassicas, sunflowers, beetroot, cucurbits, lettuce or onions for at least 6 months following application of Kenso Agcare Metribuzin 750 WG Herbicide as crop injury may result. Thoroughly work the soil prior to planting of these crops.

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 Kenso Agcare Metribuzin 750 WG Herbicide to Autumn plantings.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Dangerous to aquatic organisms. **DO NOT** contaminate streams, rivers or waterways by cleaning of equipment, disposal of wastes or used containers.