

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO AGCARE

DIURON 900 WG HERBICIDE

ACTIVE CONSTITUENT: 900 g/kg DIURON

GROUP	5	HERBICIDE
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For selective weed control in the situations as specified in the
DIRECTIONS FOR USE Table.

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: 15 Kilograms APVMA Approval No.: 69873/ 61937

KENSO AGCARE DIURON 900 WG HERBICIDE

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN.

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Shake empty bag into container. DO NOT dispose of undiluted chemicals on site. Puncture and bury the empty containers in a local authority landfill. If no landfill is available, bury the container 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

Avoid contact with eyes and skin. Do not inhale dust or spray mist. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia 131 126).

SAFETY DATA SHEET

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. SUSPECTED OF CAUSING CANCER. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.** Precautionary: Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/ spray. Wash contacted area thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. **IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell. **IF exposed or concerned:** Get medical advice/attention. Rinse mouth. Store locked up.

Batch No.:

Date of Manufacture:

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Herbicide

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DIRECTIONS FOR USE

Restraints: DO NOT use in water-logged areas.
DO NOT apply if greater than 50mm rainfall is expected within 3 days of application.
DO NOT irrigate within 3 days of application.
DO NOT apply to fields where the slope exceeds 3%.
DO NOT spot spray greater than 5% of total farm area.
DO NOT apply more than once per calendar year.

Cotton: DO NOT USE in cotton UNLESS ALL irrigation tailwater and /or up to 25mm rainfall can be captured and held on farm.

Irrigation channels and drains: DO NOT USE in irrigation channels or drains UNLESS ALL irrigation tailwater and rainfall can be captured and held on farm.

Desert Channels (bore drains): DO NOT apply between 1 December and 30 March each year.
DO NOT open drains for 72 hours following treatment.

SPRAY DRIFT RESTRAINTS: DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.
DO NOT apply by air.
DO NOT apply with spray droplets smaller than COARSE spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application and KEEP this record for a minimum of 2 years. The spray applications that must be recorded are: 1. Data with start and finish times of application; 2. Location address and paddocks/s sprayed; 3. Full name of this product; 4. Amount of products used per hectare and number of hectares applied to; 5. Crop/situations and weed/pest ; 6. Wind speed and direction during application; 7. Air temperature and relative humidity during application; 8. Nozzle Brand, type, spray angle, nozzle nozzle capacity and spray system pressure measured during application; 9. Name and address of person applying this product. (additional record details may be required by the state or Territory where this product is used).

MANDATORY NO-SPRAY ZONES

DO NOT apply when there is non-target vegetation downwind from the application area and within the mandatory no-spray zones shown in table below.

DO NOT apply when there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers downwind from the application area and within the mandatory no-spray zones shown in table below.

Situation	Rate g/ha	Downwind buffer zone	
		Aquatic	Terrestrial
Wheat, barley, triticale, cereal rye, oats (WA only)	250-500	30	60
Wheat, barley, triticale and oats (WA only)	180-250	15	30
Wheat, barley, oats (NSW, Vic, ACT, SA only)	450	25	50
Wheat and barley (SA only)	640-880	50	100
Wheat and barley (NSW, Vic, ACT, SA only)	250	15	30
Summer fallows (SA only)	250	15	30
Cotton	900-1800	100	200
Lupins (WA only)	990	30	80
Sugarcane, bananas	250-450	25	50
Sugarcane	1800	100	200
Asparagus	1800	100	200

Sugarcane
Post-emergent use (1.8 kg ac/ha max 60% band spray)

APPLY ONLY as directed band spray over a maximum of 60% of the crop area.
DO NOT apply in the Wet Tropics.
DO NOT apply in the Burdekin between 1 January and 29 February.
DO NOT apply in Mackay/Whitsunday between 1 December and 30 April.
DO NOT apply in Mary-Burnett between 1 November and 29 February.
DO NOT apply in NSW between 1 November and 30 April.

DO NOT replant treated areas within 2 years of an application of Kenso Agcare Diuron 900 WG Herbicide except when otherwise stated on the label.
DO NOT use on very light sandy soils as crop damage may occur.

PROTECTION OF CROPS, NATIVE AND NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment which may cause spray drift onto nearby susceptible plants/crops, cropping lands or pastures.
DO NOT use for soil sterillisation near or under trees or shrubs.

PROTECTION OF LIVESTOCK

Low hazard to bees. May be applied at any time as recommended in the Directions for Use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN.

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SITUATION	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Asparagus	Annual broadleaf weeds and some annual grasses	VIC only	1.5 to 2kg/ha	Apply in established beds after they have been “hilled up” and before emergence of spikes. This will give 10 to 14 weeks freedom from weeds. Post-emergence applications may be made, but the spray should be directed so as to contact only the base of the stems. Use the higher rates on heavier soils. DO NOT USE ON SEEDLING ASPARAGUS.
Bananas	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Ryegrass, Wild Oats, Cobbler’s Pegs, Pigweed, Prince of Wales Feather, Amaranthus, fat Hen, Mustard, Sow Thistles, Capeweed, Wild Radish, Wild Turnip	QLD, NSW, WA only	275-500g/ha plus 1.2 or 1.6L/ha Para-Ken 250	Add Para-Ken 250 to enhance weed control under favourable growing conditions and in open sunny conditions. Kenso Agcare Diuron 900 WG Herbicide at rates of up to 500g/ha can be blanket sprayed. Use a directed spray for higher rates of Kenso Agcare Diuron 900 WG Herbicide. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5cm high use a minimum of 250 L spray solution/ha, increase to 350L/ha for weeds up to 10cm high. Use a minimum spray volume of 400L/ha for weeds >10cm high and for dense mature weeds. Refer to Paraquat label for rates and full directions. If Para-Ken 250 rate is less than the ratio 500mL/100L add 100mL of 600 g/L non-ionic surfactant or 60mL of 1000g/L non-ionic surfactant per 100L spraymix.
Cotton	Annual broadleaf weeds and some annual grasses	QLD, NSW only	1 to 2kg/ha	Pre-emergence: Apply at planting or within 7 days of planting and prior to cotton emergence. Seed should be planted at least 4-5cm deep and soil compacted over seeds by a normal planter packer wheel. Use high rate on soils high in clay or organic matter. DO NOT use on light, sandy soils as injury to crop may result. DO NOT make a second pre-emergence application to the same field during the same crop year as injury to the crop may result. Apply in 300-450L water/ha. Post-emergence (lay-by): Use the higher rates on heavier soil types high in clay and/or organic matter. DO NOT use on light, sandy soils low in organic matter as injury to the cotton may result. Apply when cotton is at least 30cm high, or immediately after the last cultivation. If emerged annual weeds (15cm or less in height) are present add 600g/L non-ionic surfactant to the spray solution at the rate of 250-500mL per 1000 litres. Apply Kenso Agcare Diuron 900 WG Herbicide as a directed spray to cover the area beneath cotton plants and between rows. Avoid spray contact or drift onto cotton plants as injury may result. DO NOT apply more than once per season. DO NOT re-plant treated areas to any crop within one year after last application as injury may result, except cotton, corn or sorghum (grain sorghum only) which may be planted in the spring following treatment. Apply in 300-500L water/ha.
Lupins (on light soils only)	Annual Ryegrass, Capeweed, Clovers, Doublegee, Medics, Wild Radish, Wild Turnip and suppression only of Dock, Sorrel, Wireweed, Wild Oats, Brome Grass	WA only	1kg/ha	Use through boomspray equipment only. Apply in a minimum of 50L water/ha. Higher volumes of water will give more even application. Must be applied prior to crop emergence. DO NOT use on white or grey sands.

SITUATION	WEEDS CONTROLLED	STATE	RATE	CRITICAL COMMENTS	
Sugar Cane (Plant and Ratoon crops)	Barnyard Grass, Crowsfoot Grass, Guinea Grass, Summer Grass, Barley Grass, Rye Grass, Wild Oats, Cobbler's Pegs, Pigweed, Prince of Wales Feather, Amaranthus, Fat Hen, Mustard, Sow Thistle, Capeweed, Wild Radish, Wild Turnip	QLD, NSW only	1.9kg/ha	Soil must be moist at time of application. Rain or irrigation is required within 10 days of application. Post-emergence of cane: As for pre-emergence. Use lower rate if following an application at planting. If weeds at early post-emergence stage addition of 600g/L non-ionic surfactant at 250mL/100L of water will enhance activity, but direct spray below cane leaves.	
			1.9kg/ha plus 1.2L to 1.6L Para-ken 250	Add to Para-Ken 250 to enhance weed control under favourable growing conditions and in open sunny conditions. Kenso Agcare Diuron 900 WG Herbicide at rates up to 500g/ha can be blanket sprayed. Use a directed spray for higher rates of Kenso Agcare Diuron 900 WG Herbicide. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5cm high use a minimum of 250L spray solution/ha, increase to 350L/ha for weeds up to 10cm high. Use a minimum spray volume of 400L/ha for weeds >10 cm high and for dense mature weeds. Refer to paraquat label for rates and full directions. Note: Where broadleaved weeds are a serious problem, add Kenso Agcare Ken-Amine 625 to the mixture.	
Summer fallows	Potato Weed (<i>Heliotropium europaeum</i>)	SA only	275g/ha	Only effective when in mixture with Para-Ken 250 at 1.6L/ha (See Para-Ken 250 label)	
Wheat, barley, Triticale, Cereal rye, Oats	Capeweed, Doublegee, Mustard, Wild Radish (suppression only), Water Weeds (Toads rush, Crassula)	WA only	275-550g *Barley to 390g only	Post planting application only for full cut sowing systems that leave relatively smooth surface eg standard combine or air seeder. Apply post plant pre-emergent to crop within 3-4 days of planting. Pre-plant application: Only for sowing systems (eg No Till or Zero Till) which leave open slots or furrows, or where seed is sown along the bottom of the furrows. Even the soil surface where harrowed after sowing. Apply within 7-10 days after plant. Soil types: Use the lower rate on sandy soils with low organic carbon or clay content. Caution: Severe crop damage will occur if herbicides containing paraquat or diquat contact an emerging crop either as a salvage treatment or via spray drift unless rainfall has been exceptionally low.	
	As above plus suppression of annual ryegrass, Barley Grass, Silver Grass		550g/ha plus 500mL of 720g/L metolachlor to improve suppression of Ryegrass		
Wheat, Barley, Triticale, Cereal Rye			275-550g plus 830 mL/ha Trifluralin 480	As above. Must be incorporated within 4 hours of application.	
Wheat, Barley, Oats	Capeweed, Charlock, Iceplant, Melilotus, Mustard, Poppy, Saffron Thistle, Sheepweed, Three Cornered Jack, turnips, Yellow Burr Weed, Wild Radish, Deadnettle	NSW, ACT, VIC, SA only	500g/ha	Apply when weeds are at the 2-4 leaf stage and soon after the crop is past the 2-5 leaf stage which is normally within 6 weeks of sowing. DO NOT SPRAY LATER THAN THE EARLY TILLERING STAGE.	
Wheat, Barley, Triticale, Oats	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild turnip, Storksbill, Wild Mustard	WA only	200 g/ha plus 400 mL MCPA 500	Apply when the crop has at least 3 to 5 leaves on the main stem (Zadocks 13-15)	Apply by boom spray. Weeds must be in the 2-5 leaf stage. Crop and weeds should be dry at the time of spraying. DO NOT spray if rain is imminent. DO NOT apply to undersown medics or sub-clover. Apply in 40-70 L water/ha
			280 g/ha +200 mL 2,4-D Amine 625	Apply when the crop has at least 4 to 5 leaves on the main stem (Zadocks 14-15)	
Wheat, Barley	Amsinkia (Yellow burr), Capeweed, Deadnettle, Doublegee (Three cornered Jack), Mustard, White Ironweed (Sheep Weed), Wild Radish	NSW, Vic, ACT, SA only	280 g/ha plus 500 mL/ha MCPA 500 (NSW, Vic only) 350 mL/ha MCPA 500 (SA only)	Apply by boom spray when the crop is at the 3-5 leaf stage (NSW, SA only), 5-leaf stage (Vic only). Weeds must be in the 2-5 leaf stage. DO NOT spray if rain is imminent. DO NOT apply to undersown medics. In NSW, DO NOT use on Durali, Kite or Shortim wheat. Apply in 20-100L/ha.	
	Soursob	SA only	710-980 g/ha	Boom Spray: Sow crop at least 5 cm deep. Apply when crop is in the 2-5 true leaf stage. Use the lower rate on lighter soils.	
Irrigation channels & Drainage Ditches	Annual and perennial grasses and broadleaf weeds (except Nutgrass, Bindweed and Russian Knapweed)	SA, WA, Vic, Qld, Tas only	22 kg/ha or 220 g/100m²	High-Volume or Power Spraying: Apply in 2000 L water. Apply during the non-crop season and when channel is not in use. Soil should be moist and preferably bare, i.e. after regarding and cleaning channels. Apply prior to expected seasonal rainfall so as to "fix" it into soil. If 50-100 mm of rain has not fallen after application and it is necessary to use the irrigation channel, fill it with water and allow to stand for 72 hours, then drain off the water in the channel and run to waste.	
		NSW only	40 kg/ha		
Bore Drains	Prickly Acacia, Mimosa Bush	Qld, only	35.5kg/ha	Block drain off 24 hours prior to spraying and allow drain to empty. Spray 1 m wide strip onto mud. Wait 48-72 hours before opening drain again. Water MUST by-pass house tanks and desirable tree stands for 7 days after opening drain. DO NOT delve for 2 weeks.	

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

WITHHOLDING PERIOD:
DO NOT ALLOW ANIMALS TO DRINK WATER FROM TREATED BORE DRAINS FOR 3 DAYS BEFORE SLAUGHTER FOR HUMAN CONSUMPTION.

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.
GRAZING: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

Application should be made to moist soil before weeds emerge unless otherwise recommended. Sufficient moisture in the form of rain or irrigation is necessary after application to move the chemical into the weed root zone. Add a surfactant where recommended. When spraying emerged weeds, best results are obtained when weeds are actively growing. Thoroughly clean all traces of this product from application equipment immediately after use, otherwise injury to desirable vegetation may result when equipment is used again. Flush tank, pump, hose and boom with several changes in water after removing nozzle tip and screens (clean these parts separately). Keep from contact with fertilisers, insecticides, fungicides and seeds.

RESISTANT WEEDS WARNING

GROUP 5 HERBICIDE

Kenso Agcare Diuron 900 WG Herbicide is a member of the urea group of herbicides. Kenso Agcare Diuron 900 WG Herbicide has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management Kenso Agcare Diuron 900 WG Herbicide is a Group 5 herbicide. Some naturally occurring weed biotypes resistant to Kenso Agcare Diuron 900 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 Diuron 900 WG Herbicide or other Group 5 herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Agcare Pty Ltd accepts no liability for any losses that may result from the failure of Kenso Agcare Diuron 900 WG Herbicide to control resistant weeds.

MIXING

This product mixes readily with water. Steadily add the required quantity to the spray vat, which should be 50-75% full. The agitation system should be running during addition of the product and during the spraying operation. If left to settle, stir/agitate thoroughly before spraying. Avoid drawing accumulated particles into outlet pipe.
DO NOT pre-mix as a paste.

COMPATIBILITY

This product is compatible with Speedy 250 Herbicide, 2,4-D amine, Para-Ken 250 Herbicide, MCPA 500. Add the required amount of product when the spray tank containing Kenso Agcare Diuron 900 WG Herbicide is nearly full and is being continually agitated.

This product is not compatible with Tribunil*,Dimethoate 400, Mataven*, Ken-Grass 375 or Bayleton*.

WEED CONTROL ON NON-CROP LAND

Kenso Agcare Diuron 900 WG Herbicide is an effective herbicide for the residual control of many annual and perennial grasses and broadleaf weeds on non-crop land such as irrigation and drainage ditches where bare ground is desired.

Established perennials such as Bindweed, Johnson Grass, Nutgrass, and Russian Knapweed are not satisfactorily controlled at rates recommended. Duration of control depends on the amount of chemical applied, soil type, rainfall and particular weed species.

SELECTIVE USE IN CROPS

For selective use in crops it is important to apply recommended rates correctly. Kenso Agcare Diuron 900 WG Herbicide is most effective when applied to soil which has been well tilled (clod free) and is free of weeds and trash. Where not recommended for overall application care should be taken to avoid spray drift onto fruit or foliage. Wetting agents should only be used where specified.

REPLANTING RESTRICTIONS:

Crop Rotations:
DO NOT replant the treated areas to any crop within two (2) years after last spray unless otherwise stated.

Cotton:
DO NOT replant treated areas to any crop within one (1) year after last spray except cotton, corn or grain sorghum which may be planted in the spring of the following year.

Sugarcane:
Treated areas can be replanted to pineapple or sugar cane one (1) year after last spray.

CROP SAFETY

Heavy rains after application of this product may cause severe crop damage. Risk must be assumed by the user.

DO NOT USE ON LIGHT SANDY OR GRAVELLY SOILS OR SOILS LOW IN ORGANIC MATTER.

AVOID CONTACT OF SPRAYS WITH FOLIAGE OR FRUIT.

Drift Warning:
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.