POISON

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

KENSO AGCARE

DIQUAT 200

HERBICIDE

ACTIVE CONSTITUENT: 200 g/L DIQUAT present as DIQUAT DIBROMIDE MONOHYDRATE

GROUP	22	HERBICIDE

For the control of broadleaf weeds as per 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: 1000 Litres APVMA Approval No.: 59332/ RV2026

KENSO AGCARE DIQUAT 200 HERBICIDE

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.
Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Very dangerous, particularly the concentrate. Do not swallow. The product, particularly the concentrate, can kill if swallowed, absorbed through the eyes or absorbed by skin contact. The liquid can cause burns particularly to the eyes. Will irritate the nose, throat and skin. When handling, do not touch or rub eyes, nose or mouth with hand. Avoid contact with eyes and skin, open wounds and clothing. Protect eyes while using. If clothing becomes contaminated with product or with wet spray remove clothing immediately. Do not inhale spray mist. Do not allow children to play with containers or any equipment that is used.
When connecting, disconnecting and cleaning equipment wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, impervious footwear, elbow-length chemical resistant gloves and a full-face respirator with canister specified for paraquat/diquat or half face-piece respirator with canister specified for paraquat/diquat and face shield or goggles.
When applying by hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat, impervious footwear, elbow-length chemical resistant gloves and a full-face piece respirator with a canister specified for paraquat/diquat.
After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield or goggles, respirator (and if rubber wash with detergent and warm water), clothing and footwear.

FIRST AID

If poisoning occurs, get to a doctor or hospital quickly. If sprayed on skin, wash thoroughly. If sprayed in mouth, rinse mouth with water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

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

KENSO agcare

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **MAY BE CORROSIVE TO METALS HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. FATAL IF INHALED. MAY CAUSE RESPIRATORY IRRITATION. CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.** *Precautionary*: Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing and eye/face protection. Wear respiratory protection. IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/physician. Specific treatment is urgent (see FIRST AID on this label). Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive container with resistant inner liner.

Batch No.:
Date of Manufacture:

06/26

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DIRECTIONS FOR USE

RESTRAINTS:
DO NOT remove contents except for immediate use.
DO NOT apply by spraying equipment carried on the back of the users.
DO NOT use open mixing/loading equipment. Closed mixing and loading MUST be used.
DO NOT continue to use if eye irritation or bleeding from the nose occurs.
DO NOT spray when weeds are under drought stress or when covered with dust or soil.
DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT irrigate to the point of field runoff for at least 3 days after application.
For small scale applications up to 6 ha per day:
DO NOT apply using open cab equipment unless using a PF10 respirator
For applications greater than 6 ha per day:
DO NOT apply using open cab equipment. Enclosed cab application MUST be used.
For hand spray applications:
DO NOT use hand wand sprays by spraying out of the window of a vehicle.

SPRAY DRIFT RESTRAINTS
Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift
DO NOT allow bystanders to come into contact with the spray cloud.
DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The advisory buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all ituations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.
DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.
DO NOT apply if there are surface temperature inversion conditions present at the application site during the time of application. These conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.
DO NOT apply by a boom sprayer unless the following requirements are met:
- spray droplets not smaller than a MEDIUM spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones (metres)				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 10L/ha*	0.5 m or lower	110	275	0	35	0
Up to 5L/ha*	0.5 m or lower	50	110		20	
	1.0 m or lower	160	350		60	
Up to 1.5L/ha	0.5 m or lower	20	40		5	
	1.0 m or lower	60	110		25	
Up to 700mL/ha	0.5 m or lower	5	20		0	
	1.0 m or lower	35	60		15	
Up to 400 mL/ha	0.5 m or lower	0	10		0	
	1.0 m or lower	20	10		10	

*Aquatic use only

DO NOT apply by a vertical sprayer.
DO NOT apply by aircraft unless the following requirements are met:
- spray droplets not smaller than a MEDIUM spray droplet size category
- for maximum release heights above the target canopy of 3m or 25% of wingspan or 25% of rotor diameter whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft') are observed
- application rate does not exceed 1.4L/ha.

Buffer zones for aircraft

Type of aircraft	Mandatory downwind buffer zones (metres)				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Fixed-wing up to 1.4L/ha	275	525	0	100	0
Helicopter up to 1.4L/ha	180	300		80	
Fixed-wing up to 750mL/ha	170	275		65	
Helicopter up to 750mL/ha	120	190		50	

DIRECTIONS FOR USE

GENERAL WEED CONTROL

Crop	Weeds	States	Rate Δ	Critical Comments
Aquatic areas: Farm dams and artificial water bodies	Duck Weeds, Red Azolla, Water Hyacinth, Salvinia, Marsilea, Water Lilies, Water Lettuce	All states	**DO NOT** apply to water bodies from which the product may contaminate natural aquatic areas**.** **DO NOT** use treated water for human consumption, livestock watering or irrigation purposes for 10 days after application.	
			5 to 10 L/ha	Apply as an overall spray wetting foliage thoroughly. Clear water is necessary for best results as suspended soil particles interfere with herbicidal action. Use the higher rate for heavy infestations or for deep or dirty water. A repeat application 7 to 14 days later may be necessary for control of dense infestations. Oxygen depletion of decaying weeds may occur, therefore not more than ¼ of the area should be treated at once to ensure adequate oxygen supply for fish.
			400 mL/ha plus 150 mL Agral® /100 L water	Small areas: Spray to wet weeds thoroughly. About 1 mL of product should be sufficient to treat about 1 m^2.
	Cattail Pond Weeds		L/ Megalitre water	Apply by injection below the surface or as a surface spray.
Asparagus	Broadleaf weeds	All states	1.4 L/ha plus 800 mL Agral in 400 L water	Apply to control seedling weeds before spears have emerged.
Hops	Annual broadleaf and grass weeds	Vic, Tas only	700 mL to 1.4 L/haΔ may be mixed with 1.1 kg Simazine 900 WG	Apply as a directed inter-row spray prior to crop emerging from winter dormancy, using a minimum of 250 L/ha spray volume to ensure good and even coverage of weeds.
Infested Areas	Cotton Thistle (*Onopordum acanthium*)	Tas only	300 mL/ha plus 150 mL Agral in 100 L water	Spot spray at the rosette stage before the centre shoot is 15 cm tall. The spray should be applied to give complete wetting of the leaf surface. DO NOT use a lower rate or treat at a later growth stage.
	Saffron Thistle	All states	2.8 L/ha plus 1 L Agral in 200 L water	Apply as an overall treatment to prevent seeding. Alternatively spot spray on the same basis.
Lucerne	Capeweed and *Erodium* spp.	All states	350 mL/haΔ in 200 L water	Early autumn application — Heavy grazing is necessary to reduce Lucerne to 2 cm in height before spraying.
			700 mL/haΔ in 200 L water	Late winter application

continued

Crop	Weeds	States	Rate Δ	Critical Comments	
Oil Seed Poppies	Weed control	Tas only	300 mL to 1.4 L/ha	Use in accordance with recommendations made by Department of Primary Industries or the poppy contracting company**. DO NOT add Agral or any other wetting agent to the spray solution.**	
Pasture Renovation and establishment	Capeweed and *Erodium* spp. (Storksbill)	All states	750 mL to 940 mL/ha plus Agral in a minimum of 100 L water	Apply by boom spray as an overall spray on 'run-down' pasture after heavy grazing. Pasture should not be greater than 4 cm long when sprayed. Grazing should be carried out during previous spring, summer and early autumn. Where Capeweed is in the very young seedling stage (2 or 3 true leaves only) rates may be reduced to 350 mL/ha. Where Capeweed infestation is high, oversowing with new pasture seed by direct drilling is advisable. Direct drill 3 to 7 days after spraying using a pasture mix suitable for the district.	
Berries and other small fruit (except grapes) **Broccoli, head cabbages, cauliflower and Chinese cabbage (type Pe-tsai)** **Bulb onions** **Fruiting Vegetables: other than cucurbits** **Cucumbers** **Leafy vegetables** **Legume vegetables** **Root and tuber vegetables**	Broadleaf weeds	All states	1.4 L/ha Δ	Seedling weeds	Apply as a blanket spray prior to crop emergence. Once crops have emerged, or seedlings have been transplanted, apply as shielded spray between crop rows. Do not allow spray to contact any part of the crop.
Wheat, Oats	Capeweed	Qld, NSW, Vic, Tas, SA only	550 mL/ha in 200 L of water	Small seedlings.	**Do not add wetting agent**. Spray when the crop is between the 4 (wheat) or 3 (oats) leaf and early tillering stage.

Δ WETTING AGENT: Add Agral at the rate of 200 mL/100 L or BS1000 at 160 mL/100 L of prepared spray unless otherwise specified.

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

WITHHOLDING PERIODS:
GRAZING:
DO NOT GRAZE OR CUT SPRAYED VEGETATION FOR STOCK FOOD FOR AT LEAST 1 DAY AFTER APPLICATION.

HARVEST:
BERRIES AND OTHER SMALL FRUITS, HOPS, BROCCOLI, CAULIFLOWER, HEAD CABBAGE, CHINESE CABBAGE, BULB ONIONS, FRUITING VEGETABLES (OTHER THAN CUCURBITS), CUCUMBERS, LEAFY VEGETABLES, LEGUME VEGETABLES, ROOT AND TUBER VEGETABLES, WHEAT AND OATS: NOT REQUIRED WHEN USED AS DIRECTED.
POPPIES: DO NOT HARVEST FOR 2 DAYS AFTER APPLICATION.

EXPORT OF TREATED PRODUCE
Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with Kenso Agcare Diquat 200 Herbicide. If you are growing edible produce for export, please check with Kenso Corporation (M) Sdn Bhd for the latest information on MRLs and import tolerances BEFORE using Kenso Agcare Diquat 200 Herbicide.

GENERAL INSTRUCTIONS
Diquat 200 Herbicide is an aqueous solution of diquat, a non-volatile herbicide with unique properties. It very quickly kills green growth with which it comes into contact and is particularly effective against broad-leafed weeds. It is rapidly absorbed and is not affected by rain falling shortly after application. It is inactivated on contact with the soil and crop roots and seeds below the soil remain unharmed. It can be safely applied around bushes and trees which have no green bark. It is non-volatile, easily mixed with water and active at low concentrations.

Mixing
Add the required quantity of product to water in the spray tank and stir to give even mixing. Mix again if left standing. Use clean water only, as suspended soil particles in dirty water interfere with herbicidal action.

Method Of Application
For best results an even and complete coverage and good penetration of the spray into the target foliage is necessary. Best results will be obtained when application is made in dull weather or at the end of the day.

Application Rates
Para-ken 250 is preferred where grasses are dominant and Diquat 200 where there are mainly broadleaf weeds.

Boom Spraying
A boom sprayer fitted with flat fan nozzles is preferred to ensure even coverage and to minimize drift. The boom should be set at sufficient height above the crop to provide a complete double overlap of the flat spray pattern. Spray drop arms on booms are useful for dense crops. A minimum spray volume of 100 L/ha is recommended. Aim for spray droplets not smaller than a MEDIUM spray droplet size.

High Volume Spot Spraying
Handheld equipment use 250 mL of product per 100 L of water and spray to visible wetness (about 700 to 1000 L/ha).

Aerial Application
Flying height, pressure, nozzle size and positioning on the aircraft should be such as to minimize spray drift. Apply 30 to 60 L of spray per hectare. Avoid spraying in high winds or under temperature inversion conditions. Wash any spillage during filling of the aircraft and make sure there are no leaks in the spraying system. Inspect the aircraft regularly for signs of corrosion and ensure the paintwork is in good condition.

Caution – Use by Aircraft
Although this product is no different in drift behaviour from other chemicals, it has a rapid spotting effect on green foliage and, as with all herbicides, special care must be taken to avoid drift on to an adjacent crop. Aircraft operators must not apply during periods of thermal (temperature) instability and should avoid wind conditions and flying heights conducive to drift.
Weed Control in Berries and Other Small Fruit (Except Grapes), Broccoli, Head Cabbages, Cauliflower and Chinese Cabbage (Type Pe-Tsai), Bulb Onions, Fruiting Vegetables: Other Than Cucurbits, Cucumbers, Leafy Vegetables, Legume Vegetables, Root and Tuber Vegetables:

Pre-planting and pre-crop emergence
To control weeds in seedbeds before sowing, or post-sowing pre-crop emergence, blanket spray with this product using boom spray equipment or hand-held sprayers.

Pre-emergence inter-row weed control
Use shielded nozzles for rapid control of weeds in inter-row spaces of row crops, after crop seedlings have emerged, or when transplanted crops are established. Direct the spray so that it does not touch the crop.

GROUP 22 HERBICIDE

RESISTANT WEED WARNING
Diquat 200 Herbicide is a member of the bipyridyl group of herbicides. Diquat 200 has the inhibitor of photosynthesis at photosystem I mode of action. For weed resistance management Diquat 200 is a Group 22 herbicide. Some naturally occurring weed biotypes resistant to Diquat 200 and other Group 22 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 Diquat 200 or other Group 22 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 Diquat 200 to control resistant weeds.

PRECAUTIONS:
RE-ENTRY PERIOD:
DO NOT allow entry to treated areas until the spray has dried unless using an enclosed cab or wearing cotton overalls and gloves. Workers performing scouting or irrigation activities must comply with the re-entry periods specified below.

	Re-entry Period (Days)	
Rate	**Scouting**	**Irrigation**
Up to 700mL/ha	0	0
Up to 1.4L/ha	0	0
Up to 2.8L/ha	1	7

PROTECTION OF LIVESTOCK
Domestic pets and poultry – keep away from treated areas

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Very toxic to aquatic life.
DO NOT contaminate wetlands or watercourses with this product or used containers. Toxic to birds. However, the use of this product as directed is not expected to have adverse effects on birds. Toxic to beneficial foliar arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial foliar arthropods. Minimise spray drift to reduce harmful effects on beneficial foliar arthropods in non-crop areas.