

DANGER

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

DIQUAT 200 HERBICIDE

**ACTIVE INGREDIENT: 200 g/L DIQUAT as the
dibromide salt in the form of a soluble concentrate**

For use as a desiccant to control a wide range of broadleaf weeds in Barley, Green Beans, Lucerne, Peas, Red Clover, Wheat and White Clover and haulm destruction in Potatoes.



Registered pursuant to ACVM Act 1997, Approval No. P8096
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to HSNO Act 1996, Approval No. HSR000446
See www.epa.govt.nz for approval conditions

DIQUAT 200 HERBICIDE

This product **MUST** be Tracked and controlled by an Approved Handler.

HSNO classification: 6.1C, 6.3A, 6.9A, 8.1A, 9.1A, 9.3C

DANGER

May be fatal if swallowed, inhaled or absorbed through the skin. May cause skin irritation. May cause eye damage from repeated oral exposure at high doses. This product is corrosive to metal.

ECOTOXICITY

Very toxic to aquatic organisms. Harmful to terrestrial vertebrates.

PRECAUTIONS

Store in original tightly closed away from foodstuffs and under lock and key. Avoid contact with seeds, fertilisers and other pesticides. Avoid contact with skin and inhalation of spray mist. When mixing and applying wear waterproof gloves. **DO NOT** eat, drink or smoke when using. Wash splashes of concentrate off skin immediately. Wash hands and face before meals and after work. Wash protective clothing daily after work. Avoid spray drift onto desirable plants, including crops, shrubs and trees. Tracking records must be kept. **DO NOT** carry on a passenger vehicle. Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409. Avoid contamination of any water supply with chemical or empty container.

CONTAINER DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, crush and bury in a suitable landfill. **DO NOT** reuse this container for any other purpose.

PRODUCT DISPOSAL

Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

FIRST AID

If swallowed **DO NOT** induce vomiting. For advice, contact the National

Poison Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

SAFETY DATA SHEET

A Safety Data Sheet is available from Kenso Corporation (M) Sdn Bhd on request.

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.



NET CONTENTS:



EMERGENCY RESPONSE
Ring 0800 CHEMCALL, or
0800 243 622 (24 hours)



Product of Australia

Batch No.:

Date of Manufacture:

UN NO: 1760

CORROSIVE LIQUID,
N.O.S. (CONTAINS DIQUAT
20%)

PACKING GROUP III

HAZCHEM 2X

CONTAINS SPILLAGE



In a transport emergency
dial 111, Police or Fire Brigade.
For specialist advice in emergency
only, call 0800 243 622 (24 hours)

DANGER
KEEP OUT OF REACH OF CHILDREN
READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

DIQUAT 200 HERBICIDE

ACTIVE INGREDIENT: 200g/L DIQUAT as the dibromide salt in the form of a soluble concentrate.

For use as a desiccant to control a wide range of broadleaf weeds in Barley, Green Beans, Lucerne, Peas, Red Clover, Wheat and White Clover and haulm destruction in Potatoes.

Registered pursuant to ACVM Act 1997, Approval No. P8096
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996, Approval No. HSR000446

See www.epa.govt.nz for approval conditions



Kenso Corporation (M) Sdn Bhd
Office A, 49B, Apollo Drive
Rosedale, Auckland 0632 NZ
Phone: (09) 410 0861

GENERAL INFORMATION

Diquat 200 is a non - residual fast acting herbicide active on green plant tissues only. It is particularly effective in controlling most annual and many perennial broadleaf weeds, but clover will recover quickly. Diquat 200 is inactivated on contact with soil.

DIRECTIONS FOR USE POTATOES

Use	Situation	Rate	Critical Comments
Haulm destruction	Very dense haulms	Two applications 7 to 10 days apart in 600 to 1100 litres/ha. 1 st application 3 to 4 litres/ha. 2 nd application 1.5 to 3 litres/ha. OR 4 to 6 litres in 600 to 1100 litres of water/ha as a single application.	As a general guide Diquat 200 should be applied to the crop about 14 days before proposed harvesting date. Leaf kill following Diquat 200 treatment is rapid and usually complete after four days, but stem kill will take up to 14 days, depending on such factors as density of haulms and weather conditions following spraying (kill is more rapid during bright weather). Under conditions of hardened top growth, the split application is preferable for best results.
	Moderate to sparse haulms	3 to 4 litres in 600 to 1100 litres of water/ha.	Single application satisfactory.
Pre-Digging weed control	Broadleaf weeds only	3 to 4 litres in 350 to 450 litres of water/ha.	Where digging has been postponed for an extended period, weed growth may need to be removed to provide a clean harvest. A non-ionic wetting agent MUST be added at label rates.
	Broadleaf and Grass weeds	1.5 to 2 litres GRAMOXONE plus 1.5 to 2 litres Diquat 200 in 350 to 450 litres of water/ha.	A non-ionic wetting agent MUST be added at label rates.

Notes

- ❖ Diquat 200 is NOT recommended for use on the Rua variety.
- ❖ The rate of Diquat 200 necessary will be governed by the vigour and density of the haulm at the time desiccation is required. Potato varieties with vigorous, dense tops such as Sebago and Tahi may require two applications applied 7 to 10 days apart to ensure complete spray penetration.
- ❖ Avoid application of Diquat 200 to potatoes when the haulms are heavily laden with early morning dew. This can cause the chemical to be shed, leading to poor leaf desiccation. During prolonged dry periods the use of any haulm destroyer may damage the tubers. DO NOT spray when the soil is very dry.
- ❖ DO NOT use a wetting agent with Diquat 200 for potato haulm applications.

This product MUST be Tracked and controlled by an Approved Handler.



HSNO classification: 6.1C, 6.3A, 6.9A, 8.1A, 9.1A, 9.3C

DANGER

May be fatal if swallowed, inhaled or absorbed through the skin. May cause skin irritation. May cause eye damage from repeated oral exposure at high doses. This product is corrosive to metal.

ECOTOXICITY

Very toxic to aquatic organisms. Harmful to terrestrial vertebrates.

PRECAUTIONS

Store in original tightly closed away from foodstuffs and under lock and key. Avoid contact with seeds, fertilisers and other pesticides. Avoid contact with skin and inhalation of spray mist. When mixing and applying wear water-proof gloves. DO NOT eat, drink or smoke when using. Wash splashes of concentrate off skin immediately. Wash hands and face before meals and after work. Wash protective clothing daily after work. Avoid spray drift onto desirable plants, including crops, shrubs and trees. Tracking records must be kept. DO NOT carry on a passenger vehicle. Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409. Avoid contamination of any water supply with chemical or empty container.

CONTAINER DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

PRODUCT DISPOSAL

Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

EMERGENCY RESPONSE
Ring 0800 CHEMCALL, or
0800 243 622 (24 hours)



UN NO : 1760
CORROSIVE LIQUID, N.O.S.
(CONTAINS DIQUAT 20%)
PACKAGING GROUP III
HAZCHEM 2X
CONTAINS SPILLAGE
In a transport emergency dial 111, Police or Fire Brigade.
For specialist advice in emergency only, call 0800 243 622 (24 hours).

CROPS

Crop	Use	Rate	Critical Comments
Barley , Wheat Note: Oat crops grown for stock feed may be similarly treated but not used for human consumption	Pre-harvest crop and weed desiccation.	Aerial- apply 3 to 4 litres in a minimum of 350 litres of water /ha. (Non-ionic wetting agent MUST be used at label rates.)	To remove weeds, hasten maturity and reduce the risk of harvesting losses from adverse weather. Weeds growing in a fully matured crop may be desiccated to allow clean bulk harvesting.
Hormone-hazardous areas	Gorse	700 ml plus 200ml of a nonionic wetting agent per 100 litres of water.	Where risk of damage to sensitive crops precludes the use of hormone sprays Diquat 200 is an alternative. Thorough coverage is essential.
Green Beans, Lentils, Peas, Soya Beans	As a desiccant and also to remove weeds and prevent secondary crop growth	3 to 4 litres in 300 to 350 litres of water/ha. Aerial- a minimum of 4 litres in 350 litres of water/ha. (Non-ionic wetting agent MUST be used at label rates.)	Apply 7 days prior to harvesting, as soon as the seeds are fully developed and the pods are drying.
Lucerne, Red Clover, White Clover	Desiccation	3 litres in 300 to 350 litres of water/ha. (Non-ionic wetting agent MUST be used at label rates.)	As soon as the seed from the main flowering has matured, further crop growth can be halted in preparation for harvest.

AQUATIC WEED CONTROL

Situation	Weeds Controlled	Rate	Critical Comments
Lakes and ponds (still water)	Controls a range of aquatic weeds including: Canadian pondweed (<i>Elodea canadensis</i>), Lagarosiphon (<i>Lagarosiphon major</i>),	Boom- 30 litres per hectare. Handgun- 2 litres /100 litres of water, applying 1.5 litres of spray mix / 10 square metres.	In boom application from aircraft or boat, use sufficient water to obtain even coverage. Alternatively, apply below surface using trailing nozzles behind a mobile platform.
Drains and waterways (flowing water)	Pondweeds (<i>Potamogeton crispus</i> and <i>Potamogeton ochreatus</i>), Hornwort (<i>Ceratophyllum demersum</i>)	30 litres per hectare.	Apply by trailing nozzles below surface behind a mobile platform, or broadcast spraying (travelling upstream) is recommended. DO NOT treat where water is flowing at more than 1 km per hour (30cm / sec).

Diquat 200 is recommended and approved for use in lakes and waterways for the control of weeds growing below the water surface (i.e. submerged weeds). For control of grass and broadleaf weeds growing on drain banks and also above the water surface (emergent weeds), refer to GRAMOXONE label.

WARNING

Injections from a fixed point must NOT be made.

When applied to any natural water, treated water must NOT be bathed in, used for human consumption, fish farming or livestock watering for 24 hours after application.

In a lake or any standing water, to maintain adequate oxygen supply to fish, NOT more than one quarter of the area should be treated at one time.

Treated still water should NOT be used for overhead irrigation, until 10 days after treatment.

However, water from a flowing water course may be used 24 hours after treatment.

Consult the appropriate Regional Council before discharging Diquat 200 into natural water.

NOTES

Diquat 200 is NOT effective in turbulent, muddy water or where suspended organic matter is above 1 ppm.

Treatment is best when water levels are at their lowest and temperatures at their highest.

Diquat 200 at the recommended rates is not toxic to fish.

A non-ionic wetting agent should be added to Diquat 200 at label rates for aerial application, but it is not required when using the injection technique.

MIXING

Use clean water only (dirty water will interfere with the action of the chemical). Partly fill spray tank with water, add the Diquat 200 and add a non-ionic wetting agent (where recommended), mix, then top up with water to required volume.

APPLICATION

Conventional spray equipment may be used for application. In all cases complete coverage is essential. For boom spraying use a minimum of 300 litres of water per hectare, but up to 1100 litres per hectare may be necessary when using for "Potato Haulm Destruction" (refer to specific directions above). After use, wash out all spraying gear with 2 or 3 changes of clean water.

WETTING AGENT

Diquat 200 contains no wetting agent and a non-ionic wetting agent MUST be added to the spray mixture at label rates, with the exception of the following uses:

(i) Potato Haulm Destruction - DO NOT add a wetting agent.

(ii) Submerged Aquatic Weed Control (Injection Method) - DO NOT add a wetting agent.

WITHHOLDING PERIOD

Beans, Lentils and Peas 7 days

FIRST AID

If swallowed DO NOT induce vomiting. For advice, contact the National Poison Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

SAFETY DATA SHEET

A Safety Data Sheet is available from Kenso Corporation (M) Sdn Bhd on request.

CONDITION 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.

Registered pursuant of ACVM Act 1997, Approval No. P8096

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996, Approval No. HSR000446

See www.epa.govt.nz for approval conditions

Batch No. :

Date of Manufacture :