

DANGER

KEEP OUT OF REACH OF CHILDREN



syngenta[®]

Active Ingredient:

REGLONE contains 200 g/litre DIQUAT as the dibromide salt in the form of a soluble concentrate.

GROUP D HERBICIDE

For use as a desiccant in Barley, Green Beans, Lentils, Lucerne, Peas, Red Clover, Soya Beans, Wheat and White Clover, haulm destruction in Potatoes, and aquatic weed control.

Net Contents: 20 litres

Registered pursuant to the ACVM Act 1997, No. P0001.

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval Code HSR000446.

Syngenta Crop Protection Limited

Tower 2, Level 7, 110 Symonds Street, Auckland

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PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.

Any person mixing, loading or handling this product must be a qualified loader or under the guidance of a qualified loader.

Any person applying this product must be a qualified contractor/person or under the guidance of a qualified contractor/person.

This substance is restricted to use in the workplace only.



HSNO Classifications 6.1C, 6.3A, 6.9A, 8.1A, 9.1A, 9.3C

DANGER

Toxic if swallowed, inhaled or absorbed through the skin.

Causes skin irritation.

May cause damage to the eyes from repeated exposure at high doses.

May be corrosive to metals.

Very toxic to aquatic life with long lasting effects.

Harmful to terrestrial vertebrates.

PRECAUTIONS

Store in original corrosive resistant container, tightly closed, away from foodstuffs and under lock and key. Use only outdoors in a well-ventilated area.

DO NOT breathe spray. Avoid contact with skin, eyes and inhalation of spray mist.

Wash splashes of concentrate from skin immediately.

If medical advice is needed, have product container or label at hand.

Wash contaminated clothing before reuse.

DO NOT eat, drink or smoke when using this product.

Wash hands and face before eating, drinking or smoking and after work.

When mixing and applying wear full protective clothing such as impervious gloves, eye protection, respirator, waterproof hat, coat and trousers (worn outside rubber boots).

Wash protective clothing daily after work and before re-use.

DO NOT carry on a passenger service 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.

Avoid spray drift onto desirable plants, including crops, shrubs and trees.

Container disposal: Ensure the container is empty. Triple rinse empty container and add rinsate to the 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 medical advice is needed, have product container or label at hand.

IF SWALLOWED immediately contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. DO NOT induce vomiting. Rinse mouth.

IF INHALED remove to fresh air and keep at rest in a position comfortable for breathing. Contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth.

IF ON SKIN or HAIR wash with plenty of soap and water. DO NOT scrub the skin. Remove all contaminated clothing immediately. Contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if you feel unwell.

IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

SPILLAGE

In the event of a leak or spillage - contain the spillage, taking particular care to prevent entry to drains or waterways:

- Keep people away.
- Absorb spillage with material such as sawdust or soil and dispose of safely. Soil offers the added advantage of inactivating the active ingredient on contact.
- Sweep up contaminated material and place in drums for disposal in accordance with the requirements of the EPA New Zealand controls and in a manner acceptable to the local authorities. For major spillages, inform the Fire Service immediately, and then local health protection officers at your District Health Board or hospital.
- Overalls, eye protection, chemical resistant gloves and gumboots should be worn during clean up and disposal.

GENERAL INFORMATION

REGLONE 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. REGLONE is inactivated on contact with soil.

BEWARE: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

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 of water/ha 1 st application 3 to 4 litres/ha 2 nd application 1.5 to 3 litres/ha OR 4 to 6 litres in 900 to 1100 litres of water/ha as a single application	As a general guide REGLONE should be applied to the crop about 14 days before proposed harvesting date. Leaf kill following REGLONE 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 REGLONE in 350 to 450 litres of water/ha	A non-ionic wetting agent MUST be added at label rates.

Notes

- REGLONE is NOT recommended for use on the Rua variety.
- The rate of REGLONE 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 REGLONE 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 REGLONE for potato haulm applications.

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 200 mL of a non-ionic wetting agent per 100 litres of water	Where risk of damage to sensitive crops precludes the use of hormone sprays REGLONE 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>), Pondweeds (<i>Potamogeton crispus</i> and <i>Potamogeton ochreatus</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)	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 (30 cm/sec).

REGLONE is recommended and approved for use in lakes and waterways for the control of weeds growing below the water surface (ie 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 REGLONE into natural water.

NOTES

- REGLONE 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.
- REGLONE at the recommended rates is not toxic to fish.
- A non-ionic wetting agent should be added to REGLONE 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 REGLONE 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). After use, wash out all spraying gear with 2 or 3 changes of clean water.

WETTING AGENT

REGLONE 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:

- (a) Potato Haulm Destruction - **DO NOT** add a wetting agent.
- (b) Submerged Aquatic Weed Control (Injection Method) - **DO NOT** add a wetting agent.

WITHHOLDING PERIOD

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds

Beans, Lentils, Peas 7 days

RESISTANCE MANAGEMENT

GROUP	D	HERBICIDE
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REGLONE Non-Residual Herbicide is a member of the bipyridyl group of herbicides. REGLONE has the inhibitor of photo-synthesis at photosystem I mode of action. For weed resistance management REGLONE is a Group D herbicide. Some naturally occurring weed biotypes resistant to REGLONE and other Group D 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 REGLONE or other Group D herbicides. Consult your local supplier, consultant, a Syngenta representative or New Zealand Plant Protection Society (Inc) - www.resistance.nzpps.org for alternate modes of action and the details of resistance management strategies (if any) for the crops listed on the label. Since the occurrence of resistant weeds is difficult to detect prior to use, Syngenta Crop Protection Limited accepts no liability for any losses that may result from the failure of REGLONE to control resistant weeds.

STORAGE

Store in the closed, original container in a cool, dry, well ventilated area. Store locked up. **DO NOT** store for prolonged periods in direct sunlight. See Safety Data Sheet for additional storage information. Stores containing quantities of 100 litres or more require signage and secondary containment.

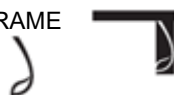
SAFETY DATA SHEET

If additional hazard information is required, refer to the Safety Data Sheet. For a copy, visit our website at www.syngenta.co.nz

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta’s liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company



Distributed by and registered to Syngenta Crop Protection Limited, Tower 2, Level 7, 110 Symonds Street, Auckland.

Bar Code:

Batch No.	
Date of Manufacture:	

Agrecovery icon

**UN 1760
CORROSIVE LIQUID, N.O.S.
(diquat)
PACKING GROUP III, HAZCHEM 2X
CONTAIN SPILLAGE**



**In a transport emergency dial 111, Police or Fire Brigade.
For specialist advice in an emergency only, call 0800 734 607 (24 hours).**