

orion AGRISCIENCE



DANGER

KEEP OUT OF REACH OF CHILDREN



DesiquatTM

HERBICIDE

For Pre-harvest Dessication in Cereals and Legumes, Haulm Dessication in Potatoes and Control of Submerged Aquatic Weeds

Active Ingredient:

200 g/litre diquat as the dibromide salt in the form of a soluble concentrate



20 Litres



READ THE LABEL BEFORE USE

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HAZARD CLASSIFICATIONS: 6.1C, 6.3A, 6.9A, 8.1A, 9.1A, 9.3C

DANGER

Toxic if inhaled. Harmful if swallowed. Causes skin irritation. Causes damage to organs through prolonged or repeated exposure. May be corrosive to metals. Very toxic to aquatic life with long lasting effects. Harmful to terrestrial vertebrates.

PRECAUTIONS

Keep out of reach of children. Use only outdoors. Avoid contact with eyes and skin. Do not breathe in the spray mist. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

WORKPLACE ONLY

This product must only be used in a workplace

STORAGE

Keep in the original container only. Store tightly closed in a locked, secure and well ventilated area. When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.

PERSONAL PROTECTION

When mixing, loading or applying, wear coveralls with hood, tightly fitting at head, wrists and ankles, boots, chemical resistant gloves and eye protection. Wear respiratory protection if spray mist could be inhaled. Take off contaminated clothing and wash before reuse.

USE

Use outdoors only. Do not use with a mist blower or fogger. Apply with well maintained and calibrated spray equipment. Application must be by a qualified loader, contractor or person.

DISPOSAL

Dispose of this product by using it in accordance with this label. Dispose of the container via AgRecovery after triple rinsing (use the rinsate for spraying). Do not burn. Do not use the container for any other purpose.

ENVIRONMENTAL

Take all reasonable steps to ensure that this product does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water. Absorb spillage to prevent material damage. Contain and collect spillage for disposal.

First Aid

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

IF SWALLOWED: Rinse mouth. Get medical help.

IF ON SKIN: Wash with plenty of water. Seek medical help if irritation occurs.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do so. Continue rinsing. Seek medical advice if irritation persists.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get emergency medical help immediately.

For advice, call the Poisons Centre on **0800 POISON (0800 764 766)** or a Doctor.

Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMICAL (0800 243 6225)** (24 hrs).

Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit www.orionagriculture.co.nz

GENERAL INFORMATION

Desiquat is absorbed through leaves and inhibits photosynthesis. For the best results, emerged weeds should be young and actively growing

DIRECTIONS FOR USE

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.

PRE-HARVEST CROP DESSICATION

To desiccate weeds and advance crop maturity prior to harvest.

Barley, Wheat, Oats: Do **NOT** use on Oats for human consumption. Use 3 - 4 litres/ha Desiquat plus Synergy™ Wetter Sticker as an aerial treatment. Use 350 litres/ha of water unless local experience indicates lower rates are effective.

Red and White Clover, Lucerne: Use 3 litres/ha Desiquat plus Synergy Wetter Sticker in 300 - 350 litres/ha of water.

POTATOES: HAULM and WEED DESSICATION

Haulm Dessication: For very dense haulms use 3 - 4 litres in 600 - 1100 litres/ha of water and repeat 7 - 10 days later with 1.5 - 3 litres/ha and adjust the water rate to suit haulm density. Alternatively use 4 - 6 litres in 600 - 1100 litres/ha of water as a single application.

For moderate to thin haulms use 3 - 4 litres in 600 - 1100 litres/ha of water.

Notes: Do not use a wetting agent or apply during prolonged dry periods or when the soil is very dry as tubers may be damaged. To prevent run-off do not spray dewy or wet foliage. Rua varieties may not be desiccated effectively.

Weed Dessication: For broadleaf weeds use 3 - 4 litres in 350 - 450 litres/ha of water. Add Synergy Wetter Sticker if the haulms are fully browned off. For mixed grass and broadleaf weeds use 1.5 - 2 litres plus 1.5 - 2.0 litres of paraquat 200 in 350 - 450 litres/ha of water.

AQUATIC WEED CONTROL

For control of submerged broadleaf weeds including Canadian pondweed, lagarosiphon, pondweeds and hornwort in lakes and waterways.

Environment: The application of Desiquat to any natural water requires a consent from your local regional council. Injections from a fixed point must not be made. Treated natural water must not be bathed in, used for human consumption, fish farming or livestock watering for 24 hours after application. To maintain adequate oxygen supply for fish in lakes or any standing water, do not treat more than one quarter of the area at any one time. Treated water

should not be used for overhead irrigation until 10 days after treatment. Water from a flowing watercourse may be used 24 hours after treatment.

Flowing Water (Drains and Waterways): Use only if the water flow is less than 1 km/h (300m/sec or 18m/minute). Not effective in turbulent or muddy water or if suspended organic matter is more than 1ppm. For control of submerged weeds in flowing water treat when water levels are low and temperatures are high. For static or near static water use 15 litres/ha and for slow moving water use 30 litres/ha. Inject by trailing submerged nozzles behind a mobile platform or broadcast spraying onto the water surface. Start at the downstream end and work upstream to prevent build up of Desiquat.

Lakes and Ponds: Apply 30 litres per ha of water surface in sufficient water to get even coverage. For Handgun application mix 2 litres of Desiquat in 100 litres water and apply 1.5 litres of spray mix per 10 square metres. Alternatively, inject by trailing submerged nozzles behind a mobile platform.

APPLICATION METHODS

Boom Spraying: Apply at 200 - 400 litres of water per hectare using conventional spray equipment.

Aerial Application: Do not use less than 150 litres of spray mix per hectare and increase to 300 litres/ha for dense foliage.

SURFACTANT

A surfactant such as Synergy Wetter Sticker should be used with Desiquat in all situations except potato haulm desiccation.

COMPATIBILITY

Clean water must be used as Desiquat is inactivated on contact with soil particles. Half fill the spray tank with water, then add Desiquat with constant agitation. When mixing with other chemicals, add Desiquat first, and add surfactant (if added) last. Desiquat is compatible with most commonly used herbicides.

RAINFALL

Desiquat is rainfast 20 minutes after drying on the foliage but avoid application when rainfall is imminent.

WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P7159

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSN0 Act 1996, No. HSR000446

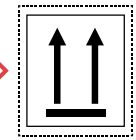
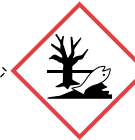
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www.orionagriculture.co.nz



UN 2922

CORROSIVE LIQUID, TOXIC, N.O.S. (DIQUAT DIBROMIDE 37%)

PACKING GROUP III

HAZCHEM CODE 2X

ADDITIONAL INFORMATION: CORROSIVE TO METAL

IN A TRANSPORT EMERGENCY, DIAL 111 POLICE OR FIRE BRIGADE.

DESICQUAT™

Batch No:

Date of manufacture:

orion

AGRISCIENCE

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