

DANGER | TOXIC ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

ExtractaTM
Herbicides

Paraquat 250

Manufactured for Wholesale Seeds Ltd by:

Danken New Zealand Ltd

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Active Ingredient: 250 g/L Paraquat as the dichloride salt in the form of a soluble concentrate

GROUP 22 HERBICIDE

PerformaTM
Crop Protection

For weed control in Clover Seed Crops, Drains, Lucerne, Waterways and the control of Barley Grass.

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Registered pursuant to the ACVM Act 1997, No. P10188
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, HSR000828.
See www.epa.govt.nz for approval conditions



Batch No:

Date of Manufacture:

Net Contents:

20 Litres

Wholesale Seeds

5 Bryant Street, Ashburton | 03 307 9260 | Wholesaleseeds.co.nz

PLEASE READ THE LABEL COMPLETELY BEFORE USE

GHS CLASSIFICATION:

Acute inhalation toxicity Category 1

Acute oral toxicity Category 3

Skin irritation Category 2

Eye irritation Category 2

Specific target organ toxicity (repeated exposure) Category 1

Hazardous to the aquatic environment acute Category 1

Hazardous to the aquatic environment chronic Category 1

Hazardous to terrestrial vertebrates

Hazardous to terrestrial invertebrates

DANGER

Fatal if inhaled.

Toxic if swallowed.

Causes skin irritation.

Causes serious eye irritation.

Causes organ damage from repeated oral exposure at high doses.

Very toxic to aquatic life with long lasting effects.

Toxic to terrestrial vertebrates.

Toxic to terrestrial invertebrates.



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. For additional information refer to EPA Notices: Hazardous Substance (Disposal) Notice 2017.

SYMPTOMS OF POISONING

An early symptom of poisoning may be vomiting, although other symptoms include stomach pains, nausea and burning of the mouth. In the event of any of the above symptoms the first aid treatment prescribed below must be followed in full.

PRECAUTIONS

Responsible Handling Information is available at www.danken.co.nz and this information should be read and understood before using this substance.

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

This product MUST be Tracked.

This substance MUST be under the personal control of a Certified Handler.

This substance is restricted to use in the workplace only.

Any person mixing, loading or handling this product must be a qualified loader.

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

Store in original container, tightly closed in a well-ventilated place. Store under lock and key.

Use only outdoors or in a well-ventilated area.

DO NOT transfer this product into food or drinks containers, or into unlabelled containers.

Avoid contact with seeds, fertilisers and other pesticides.

DO NOT use Extracta™ Herbicides Paraquat 250 in a mistblower.

Protect eyes while mixing, loading and using this product. Avoid contact with skin and eyes.

When opening the container, preparing for use and using the product, wear protective clothing such as overalls, elbow-length chemical resistant gloves, respiratory protection and face shield or goggles. Use respiratory protection complying with AS/NZS Standard 1716 that covers the nose and mouth and is capable of filtering spray droplets such as half face respirator with a high efficiency particulate filter.

DO NOT get in eyes, on skin or on clothing. DO NOT inhale spray mist. DO NOT eat, drink or smoke while using this product.

If product on skin, immediately wash area with soap and water. If clothing becomes contaminated with product, remove clothing immediately.

After use and before eating, drinking or smoking, take off contaminated clothing, wash hands, arms and face thoroughly with soap and water.

After each days use, take off contaminated clothing. Wash gloves and face shield or goggles and contaminated clothing before re-use.

Apply with well maintained and calibrated spray equipment.

Tracking records MUST be kept.

Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409.

DO NOT carry on a passenger service vehicle.

Avoid contamination of any water supply with chemical or empty container. DO NOT apply into or onto water.

FIRST AID

Get medical advice if you feel unwell.

Specific treatment is urgent. If available, give an adsorbent such as activated charcoal, bentonite or Fuller's Earth.

IF INHALED: remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

IF SWALLOWED: immediately call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. Rinse mouth. If medical advice is needed, have product container or label at hand.

IF ON SKIN: wash with plenty of soap and water. Remove all contaminated clothing immediately. If skin irritation occurs, get medical advice. Immediately call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

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.

EMERGENCY RESPONSE

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

SAFETY DATA SHEET

Additional information is provided in the safety data sheet which is available from the distributor.

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.

GENERAL INFORMATION

Extracta™ Herbicides Paraquat 250 is a non-residual fast-acting herbicide active on green plant tissues only. Most grasses and flat weeds are controlled, but clovers recover quickly. It is inactivated on contact with the soil. Contents of this container are dyed blue for identification.

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

RESISTANCE MANAGEMENT

GROUP 22 HERBICIDE

Extracta™ Herbicides Paraquat 250 contains the GROUP 22 Bipirydylum herbicide, paraquat. Do not use another product containing herbicides in the same group in conjunction with Extracta™ Herbicides Paraquat 250. Where possible, alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up. Since the occurrence of resistant weeds is difficult to detect prior to use, Danken NZ Ltd accepts no liability for any losses that may result from the failure of Extracta™ Herbicides Paraquat 250 to control resistant weeds.

For further resistance management information refer to www.resistance.nzpps.org for alternate modes of action and the details of resistance management strategies for the crops listed on the label.

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.

Crop / Situation	Weeds Controlled	Rate	Critical Comments
Banks of Drains and Waterways	Grasses, Broadleaf weeds, emerged aquatic weeds	Handgun: 600 mL per 100 litres of water DO NOT apply more than 400 litres of prepared spray mixture per ha per year	Note: Extracta™ Herbicides Paraquat 250 is not recommended for the control of submerged weeds but Diquat 200g/l SL is approved and recommended for this use.
Clover Seed Crops	Suppression of Ryegrass, volunteer grasses, and control of flat weeds	1.2 to 1.6 litres in 250 to 300 litres of water/ha DO NOT apply more than 2.4 litres product per ha per year	Apply 2 weeks before closing. If irrigation is available water the crop 1 or 2 weeks after spraying.
Fence Lines, Stock Yards	General weeds	Handgun: 400 mL per 100 litres of water DO NOT apply more than 600 litres of prepared spray mixture per ha per year	For a clean up of weeds along fence lines and around stock yards.
Lucerne	Most fibrous rooted grasses and Annual Broadleaf weeds	1.6 to 2.4 litres with 0.8 to 1.4 kg simazine (90% a.i.) in 250 to 300 litres of water/ha DO NOT apply more than 2.4 litres product per ha per year	Apply this mixture during winter (when lucerne is dormant). The addition of simazine (90% a.i.) provides season- long control and kills more weed species.
	Shepherd's Purse, Subterranean Clover in established stands	1.6 to 2.4 litres with 850 g atrazine (90% a.i.) in 250 to 300 litres of water /ha DO NOT apply more than 2.4 litres product per ha per year	The mixtures should be well agitated before and during spraying.

Crop / Situation	Weeds Controlled	Rate	Critical Comments
Non-selective Weed Control	Barley Grass	Handgun: Apply 240 mL/100 litres of water DO NOT apply more than 1000 litres of prepared spray mixture per ha per year	Applied while the seedhead is still green will kill the seed. DO NOT spray once the seedheads have begun to turn brown. Ensure complete wetting of plants and seedheads.
	Barley Grass (vegetative or green seedhead stage)	Handgun: Apply 240 mL with 90 g simazine (90% a.i.) /100 litres of water DO NOT apply more than 1000 litres of prepared spray mixture per ha per year	Gives complete control of plants and seeds and proofs sprayed areas against reinfestation for up to 6 months. The mixture can be applied during autumn, winter and early spring. The mixture is not recommended for selective control of Barley Grass in pasture. DO NOT spray once seedheads have begun to turn brown.
	Australian Sedge	Handgun: 100 mL plus 500 mL 2,4-D (72% a.i.) per 100 litres of water. DO NOT apply more than 2400 litres of prepared spray mixture per ha per year	Apply in the active growth period between November and April. Ensure thorough wetting of all foliage. Half overlap flying is recommended to ensure better coverage of the sedge.
	Tall Fescue, Rushes	Handgun: 600 mL in 100 litres of water DO NOT apply more than 400 litres of prepared spray mixture per ha per year	Spot spray during spring and autumn, preferably to regrowth following hard grazing or mowing.

EPA RESTRICTIONS:

- The maximum single rate of Extracta™ Herbicides Paraquat 250 is 2.4 litres of PARAQUAT 250 / ha per year.
- Growers must ensure the maximum rate of 2.4 litres /ha is NOT exceeded per year.
- Extracta™ Herbicides Paraquat 250 can only be used for agricultural purposes.
- Agricultural purposes include uses for agricultural and production horticulture purposes. It does NOT include use for forestry plantations or biosecurity purposes.
- Production horticulture includes commercial cropping systems and commercial ornamental horticulture production. It does NOT include amenity horticulture in publicly accessible areas or horticulture areas which would be considered domestic horticulture.

SPRAY DROPLET SPECIFICATION

A person applying this substance must ensure that the substance spray is delivered as a coarse quality spray for ground based application and coarse to very coarse droplets for aerial application as classified by the American Society of Agricultural and Biological Engineers (ASABE) droplet size classification scheme (American National Standard ANSI/ASABE S572.1, March 2009)

BUFFER ZONES

The person in charge of the application of Extracta™ Herbicides Paraquat 250 and any person applying Extracta™ Herbicides Paraquat 250 must ensure that the respective specified distances from a downwind sensitive area are followed, as outlined in the table below:

Application method	Sensitive receptor	Downwind Buffer Zone	
		Application rates: less than 1.6 litres/ha	Application rates: 1.6 litres to 2.4 litres/ha
All ground-based applications: (excluding use of non- motorised handheld equipment)	Aquatic Organisms	Nil	5 metres
	Non-target plants (non- threatened)	Nil	5 metres
	Non-target plants (threatened)	5 metres	5 metres
All aerial applications	Aquatic Organisms	5 metres	15 metres
	Non-target plants (non- threatened)	40 metres	40 metres
	Non-target plants (threatened)	60 metres	100 metres

DO NOT apply when wind speeds are less than 3 km/h or more than 20 km/h as measured at the application site.

MIXING

Extracta™ Herbicides Paraquat 250 contains sufficient wetting agents for most uses. Add the required quantity of product to the spray tank and agitate to give even mixing. Agitate again if left standing. Use only clean water for mixing. Water should be free from clay, silt and algae.

APPLICATION

Can be applied by air or ground equipment. Conventional spray equipment may be used but complete coverage of the weed foliage is essential. For boom spraying 200 to 300 litres of water per hectare will generally give optimum coverage. At the completion of spraying all application equipment should be thoroughly washed. Two or three changes of clean water are usually sufficient.

STORAGE

Store in the closed, original container in a cool, dry, well ventilated area. DO NOT store for prolonged periods in direct sunlight. See Safety Data Sheet for additional storage information. Stores containing quantities of 50 litres or more require signage and quantities of 100 litres or more require secondary containment.

