



WARNING

ECOTOXIC

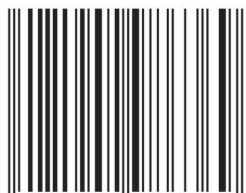
Keep out of reach of children

RECLAIM[®] BRUSHKILLER HERBICIDE

A herbicide for the control of a
range of brushweeds.

ACTIVE INGREDIENT: Contains 100g/litre picloram as the amine salt and 300 g/litre triclopyr as the butoxyethyl ester, in the form of an emulsifiable concentrate.

GSRB369/F04



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RECLAIM[®] BRUSHKILLER
NET CONTENTS: 20 Litres

Grosafe[®]

RECLAIM® BRUSHKILLER

HAZARD CLASSIFICATION:

Acute toxicity oral Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity, repeated exposure Category 2, Hazardous to the aquatic environment, acute Category 1, Hazardous to aquatic environment, chronic Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates



TOXICITY

WARNING: Harmful if swallowed. Causes serious eye irritation. May cause an allergic skin reaction. May cause organ damage from repeated oral exposure at high doses.

ECOTOXICITY

Highly toxic to aquatic plants. Toxic to plants and harmful to terrestrial vertebrates.

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Handle and apply with care, spray drift may cause severe damage to other desirable plants. Do not apply directly into or onto water. Avoid contamination of any water supply with product or empty container. Decontaminate equipment after use.

QUALIFIED HANDLER: This product must be under the control of an appropriately trained handler during mixing, loading and use.

RECORD KEEPING: Records of use must be kept when 3 kg or more is applied within 24 hours in a place where the substance is likely to enter air or water and leave the application area.

PERSONAL PROTECTION: When mixing or loading wear overalls, impervious gloves and eye/ face protection. Wash hands and exposed skin after work.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs, seeds and fertilisers. Storage must be in accordance with the current version of the New Zealand Standard for the Management of Agrichemicals (NZS8409). Stores containing more than 100 L require signage, secondary containment and an emergency response plan. When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact the distributor for further information about the use of this product if it is older than this.

SPILLS AND DISPOSAL: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain and collect spill. Absorb with suitable inert absorbent material and store in properly labelled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, advise the local water authority.

PRODUCT DISPOSAL: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

CONTAINER DISPOSAL: Triple rinse container and add residue to spray mixture. Recycle empty container through Agrecovery (www.agrecovery.co.nz), otherwise bury in a suitable land fill.

SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID: For advice call a doctor or the National Poisons Centre (0800 764 766). If swallowed, give a glass or two of water but do NOT induce vomiting. Get medical advice if you feel unwell. If splashed in eyes, wash out immediately with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention. If on skin, remove contaminated clothing immediately. Wash skin immediately with plenty of soap and water. If skin irritation or rash occurs, get medical advice. In case of inhalation of spray remove to fresh air. Get medical attention if breathing is difficult or person feels unwell.

EMERGENCY RESPONSE 0800 CHEMCALL: (0800 243 622)

SPRAY EQUIPMENT

Hand gun: Apply the recommended mix to give full coverage of leaves and stems, from all directions. Use a No. 6–8 tip and pressure of not less than 1,000 kPa or greater than 2,000 kPa.

Aerial application: Apply 200–400 litres spray-mix per hectare as a coarse spray (BCPC or ASAE S572). To minimise drift it is recommended to spray when wind speed is between 3 and 20 km/hr. Do not spray if sensitive plants are downwind. Aerial applications may require some follow-up ground spraying.

Knapsack: Apply the spray mix to give full coverage of leaves and stems.

Mistblower: Use only where good coverage can be achieved. Use a marker dye.

All applications must be in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS 8409).

CLEANING SPRAY EQUIPMENT

After use empty the spray unit and drain the whole system. Wash the spray tank with a pressure hose. Drain the spray unit and clean filters, pump, lines, hoses and nozzles. Quarter fill the tank with clean water and circulate through the pump, lines, nozzles. Repeat this process. Note: rinse water should be sprayed on ground already sprayed or on waste land away from desirable plants or water sources.

DECONTAMINATION: Before spraying sensitive crops with equipment that has been used to apply Reclaim® Brushkiller, rinse the system as above. Quarter fill the tank and add an alkali based laundry detergent at the rate of 500g (or ml) per 100 litres of water (halve the rate for concentrated cleaners). Circulate through the system for fifteen minutes. Do not use cleaners containing chlorine. Drain the system. Clean filters and nozzles. Flush the system with clean water.

MIXING: Half fill the spray tank with water and add the measured amount of Reclaim® Brushkiller. Start the agitator and add the remainder of the water. If required add Force® Penetrant. Maintain agitation while spraying. Mix only sufficient spray-mix for immediate use. Do not store spray-mix.

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.

STOCK SAFETY: Poisonous plants (such as inkweed, ragwort, tutu) can become more palatable after spraying. If concerned, stock should be kept away from treated areas until the plants have died.

RESISTANCE MANAGEMENT:

GROUP

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HERBICIDE

Reclaim® Brushkiller is a pyridine carboxylic-acid herbicide. Some weed species may become resistant following repeated uses. In such cases herbicides of different modes of action should be used. See: <http://nzpps.org/resistance/picolinic.php> for details of resistance management strategies.

CLOVER RE-ESTABLISHMENT: Residues of picloram (an active ingredient in Reclaim® Brushkiller) are harmful to legumes and may prevent early re-establishment after treatment. To check for such residues it is suggested a test area should be sown with clover 1–2 months prior to the planned drilling time.

DIRECTIONS FOR USE / DOSE RATES

Weed	Gun mls/100L water	Aerial litres/ha	Weed	Gun mls/100L water	Aerial litres/ha
Gorse	250–300	10	Lupin	100	2
Broom	250	10	Sweet Briar	300–500	12
Tutu	300	10	Matagouri	500	12
Blackberry	500–650	10	Woolly Nightshade	250	10

Knapsack: Use 6 ml Reclaim® Brushkiller per litre of water.

Mistblower: Use 100 ml / 10 litres. For ulv application use 500 ml / 10 litres, using the No. 3 or 4 hole.

COMMENTS

GORSE:

Ground application: Apply during the active growth period, from spring until early summer at a rate of 250 ml / 100 litres. In North Canterbury use 300 ml / 100 litres. If growth is slow or in adverse conditions add Force® Penetrant at 100 ml / 100 litres spray mix. A follow up treatment may be necessary for complete control.

Aerial application: Apply during active growth. Add Force® Penetrant to the spraymix at 2 litres/hectare. Bushes should be less than 3m high, with stems less than 3 cm in diameter.

BROOM: Apply during the active growth period, from spring until early summer. Bushes should be less than 3m high, with stems less than 3 cm in diameter.

TUTU: Apply to fresh regrowth after frond expansion.

BLACKBERRY: Apply during summer and autumn when bushes are growing actively. Higher rates will be required in the East Coast of the North Island and in Northland. Note: in Northland some strains of this weed are difficult to kill.

SWEET BRIAR: Apply in November to early January. Aerial application should be restricted to bushes less than 2m high.

MATAGOURI: For best results spray in November - December when the plants are growing actively.

WOOLLY NIGHTSHADE: Ground and aerial application: Apply when growing actively. The use of Force® Penetrant is recommended.

RAGWORT and other weeds: Use the gorse application rate for the control of such broadleaf weeds as ragwort, fennel, nettle, inkweed and thistles.

BARBERRY, OLD MAN'S BEARD, HAWTHORN, WOOLLY NIGHTSHADE, WATTLE, WILLOW and other brushweeds.

STUMP TREATMENT:

Mix 1 part Reclaim® Brushkiller with 20 parts water or diesel oil. Using a paintbrush or knapsack sprayer apply

to the freshly cut surface and stems to ground level. If using diesel oil maintain agitation.

TREES, Stem treatment: With an axe or hatchet, make shallow cuts at waist height, shaped to trap 1–2 ml Reclaim® Brushkiller applied with a drench gun or similar. Treat when trees are growing actively.

RADIATA PINE: Aerial Release:

Weed	Dose rate	Comments
Thistles, lupins, gorse, broom, Himalaya honeysuckle, tutu, buddleia, wattle	1–2 litres/ha	Use the high rate only on dormant trees within one year of planting. Some minor tree distortion may occur. Suppression only of brushweeds will be obtained—follow-up treatment may be required for full control. Use the low rate if pine trees are not dormant. Use on first year trees only.

Consult your Grosafe representative.

Registered pursuant to the ACVM Act 1997, No P8982.

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

Approved pursuant to HSN0 Act 1996, Approval code: HSR 002485

See www.epa.govt.nz for approval conditions.

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.

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www.grosafe.co.nz

Batch No:

Date of Manufacture:

GSRB369/B04

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AGRECOVERY
Rural Recycling Programme