



WARNING
Keep out of reach of children
ECOTOXIC

REPLY® 200

A herbicide for the control of gorse and other scrub weeds in pasture and waste areas.

ACTIVE INGREDIENT: Contains 200 g/kg metsulfuron-methyl in the form of a water dispersible granule.

GSR2185/F04



REPLY® 200



HAZARD CLASSIFICATIONS:

Eye irritation Category 2; Hazardous to the aquatic environment acute Category 1; Hazardous to the aquatic environment chronic Category 1; Hazardous to soil organisms

TOXICITY

WARNING: Causes serious eye irritation.

ECOTOXICITY

Very toxic to aquatic life and with long lasting effects. Very toxic to plant life. Do not apply directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Do not mix or load near any body of water, avoid spray drift over, or spillage into open water.

QUALIFIED HANDLER: A person mixing, loading, or applying this substance must be a suitably qualified or under the guidance of a suitably qualified person.

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: Avoid contact with eyes, skin and inhalation of spray. When mixing wear a face mask or goggles, rubber gloves and overalls. Do not eat, drink or smoke while using. Wash hands and face before rest, meals and after work. Wash protective clothing after use.

STORAGE: Store in accordance with the current version of NZS 8409 Management of Agrichemicals. Store product in original container, tightly closed, in a cool, dry place. Keep out of reach of children, and away from foodstuffs. Stores containing more than 100 kg are subject to requirements for signage, secondary containment and emergency response plans.

SPILLS: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain 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, warn the local water authority.

DISPOSAL: Avoid contamination of water supply with chemical or empty container.

Product : If possible dispose of by using according to the label, otherwise dispose of in an approved landfill.

Container: Triple rinse empty container and add rinsate to the spray tank. Do not use packaging for storage of other products. Empty packaging should be crushed and disposed of at an approved landfill.

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

FIRST AID: For advice call the National Poison Centre, telephone 0800 POISON [0800 764 766]. Have product label or Safety Data Sheet at hand.

IF SWALLOWED: Rinse mouth with water. Contact a POISON CENTRE or doctor if person feels unwell. **IF ON SKIN:** Wash with soap and water. If skin irritation occurs get medical advice. **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 attention.

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Contact a POISON CENTRE or doctor if person feels unwell.

EMERGENCY RESPONSE 0800 CHEMCALL: (0800 243 622)

GENERAL INFORMATION:

Reply®200 is non-volatile and non-hormonal and this in conjunction with very low use rates adds to environmental acceptability. Best results are obtained when applied to actively growing weeds during late spring to autumn.

Mode of action: Rapidly absorbed by foliage and translocated in the plant. Stops plant growth by arresting cell division in the growing tips of roots and leaves. This action occurs very quickly and is followed by a slow decline in plant vigour and subsequent death.

Pasture Re-establishment: Reply®200 is extremely injurious to ryegrass/white clover pasture. Soil residues may also prevent early re-establishment of ryegrass and clover and a minimum period of 3 months should elapse before oversowing. As persistence of the soil residue varies according to dose rate, soil type and rainfall, it is suggested that small areas be oversown 1-2 months prior to the planned time for sowing to check for possible harmful residues. Where a quick cover of vegetation is required, a resistant grass such as browntop can be oversown.

Rainfall: Rainfall within 1 hour following treatment may reduce effectiveness.

Surfactant: Add **Force® Penetrant** at 100 ml/100 litres of spray mix for handgun application as directed for specific weeds below, and add 1.5 litres per hectare for aerial applications when spraying gorse, manuka or kanuka.

Resistance Management:

GROUP	2	HERBICIDE
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Reply®200 is a member of the sulfonyl group of herbicides. Some naturally occurring weed biotypes resistant to **Reply®200** and other sulfonyl ureas may exist. These resistant weeds will not be controlled by **Reply®200** or other sulfonyl urea herbicides and may become dominant in that field. Cultural practices such as tillage, preventing weed escapes from going to seed and using herbicides with different modes of action within and between seasons can aid in delaying the spread and possible dominance of resistant weed biotypes.

RECOMMENDED FOR USE:

Weed	Handgun	Knapsack	Mistblower	Boom/aerial and ground
	Rate/100L	Rate/10L	Rate/10L	Rate/ha
Blackberry	60-100g	15g	30g	600-900g
Bracken	100g	15g	30g	500g
Broom	100g	15g	30g	—
Gorse	45g	15g	30g (60g/ulv)	1.5kg
Seedling gorse	—	—	—	500g
Kanuka	100g	15g	30g	900g
Manuka	100g	15g	30g	900g
Matagouri	75g	15g	30g	500g
Sweet Briar	100g	15g	30g	500g
Ragwort/Thistles	15g	3g	—	—

Blackberry: Use the highest rate on harder to kill blackberry types such as those occurring in Northland and on the East Coast of the North Island. **Reply®200** may be applied from November to June, but best results will be obtained from treatment from January to May. Whenever possible use ground application equipment. After treatment, when the canes become brittle, slashing, burning and/or intensive stocking with sheep or goats is recommended to prevent re-growth. Re-growth may require treatment two years after spraying. **Bracken:** Apply when fronds are unfurled (Jan-June) but before frost browning. Best results can be expected when plants are burnt and frond regrowth is sprayed. **Broom:** Apply from November to May to actively growing bushes. Ensure the addition of **Force® Penetrant** at 100 ml/100 litres. **Gorse:** Apply at any time of the year. Add **Force® Penetrant** at 100 ml/ 100 litres for handgun, 10 ml/10 litres for knapsack and 1.5 litres per hectare for aerial applications.

Kanuka/Manuka: Apply at any time of the year. The addition of **Force® Penetrant** at 1.5 litres/ha is recommended when applying aerially.

Matagouri: Apply when bushes are actively growing, generally December-April. The addition of **Force® Penetrant** at 1.5 litres/ha is recommended when applying aerially.

Sweet briar: Apply from November-April. Ensure complete coverage of trees.

Forestry - Radiata pine only: Use only as a pre-plant treatment. Use 500 g/ha for the control of bracken, blackberry and seedling gorse. Do not plant trees within 2 months of spraying.

Application:

Aerial: Apply using the half overlap flying technique with minimal water rates of 200-400 litres/ha. Use nozzle configuration and flight pattern that ensures canopy penetration and full coverage of bushes otherwise significant regrowth will occur. Aerial application is recommended for use in non-crop areas only.

Handgun spraying: Apply to achieve full coverage offoliage and stems and penetration into bushes. Spray to the point of run-off. Use pressures of 1500-2500 kPa through a No.6 nozzle tip. For gorse, spraying to run-off is essential. The amount of spray required will vary with the height density and type of scrub weed. Following aerial application it is vital to implement follow-up spraying and/or management practices such as slashing, crushing or burning of bushes and oversowing of pasture species.

Knapsack: Use a hand knapsack only on small bushes where full coverage of foliage and stems can be achieved.

Mistblower: Obtain good coverage offoliage stems and penetration into bushes. For ULV attachments, use the largest setting.

Marker Dye Compatibility: **Reply®200** is compatible with most commonly used marker dyes, but tank mixtures with dyes based on acetic acid should be used within 24 hours.

Withholding Period: Do not graze treated areas with dairy cows within 3 days after application or 1 day for other stock.

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.

Registered pursuant to the ACVM Act 1997 No. P 7237.
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSN0 Act 1996, Approval Code: HSR000245
See www.epa.govt.nz for approval controls

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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Batch No: _____ Date of Manufacture: _____

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