



WARNING
Keep out of reach of children
ECOTOXIC

REPLY® 600

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

ACTIVE INGREDIENT: Contains 600g/kg metsulfuron-methyl in the form of a water dispersible granule.

GSR6-048/F04



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REPLY® 600
NET CONTENTS: 500g



REPLY® 600



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 and plant life, including aquatic plants and with long-lasting effects. Hazardous to soil organisms. Avoid drift to non-target areas.

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

RECORD KEEPING: A record of use must be kept according to HSN0 Regulations and N.Z. Standard for the Management of Agrichemicals (NZS 8409). If 3 kg or more is applied within 24 hours, in places where the product is likely to enter air or water and leave the application area, a written record is to be kept for each application.

PERSONAL PROTECTION: When mixing or applying wear a face mask or goggles, rubber gloves and overalls. Do not eat, drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after use.

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

Shelflife: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

SPILLS: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain spill and collect spill in 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 DISPOSAL: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill in accordance with local regulations.

CONTAINER DISPOSAL: 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 skin with plenty of 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 advice. **IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Contact a POISON CENTRE or doctor for advice if person feels unwell.

EMERGENCY RESPONSE 0800 CHEMCALL: (0800 243 622)

MANAGEMENT CONSIDERATIONS:

General: Reply® 600 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, arresting cell division in the growing tips of roots. Action occurs very quickly and is followed by a slow decline in plant viability and subsequent death.

Pasture Re-establishment: Reply® 600 is extremely injurious to ryegrass/clover pastures. Soil residues may also prevent early re-establishment of ryegrass and clover and a minimum period of three 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.

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.

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

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 listed below, and add 1.5 litres per hectare for aerial applications when spraying gorse, manuka or kanuka.

Resistance Management GROUP 2 HERBICIDE

Reply® 600 is a member of the sulfonyl urea group of herbicides. Some naturally occurring weed biotypes resistant to Reply® 600 and other sulfonyl ureas may exist. These resistant weeds will not be controlled by Reply® 600 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.

APPLICATION:

Aerial: Apply using the half overlap flying technique with water rates of 200–400 litres/ha, as two overlapping passes of 100–200 litres/ha. For foaming nozzle systems apply a minimum of 230 litres water/ha as two overlapping passes of 115 litres water/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. 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.

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.

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

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

Marker dyes: Reply® 600 is compatible with most commonly used marker dyes, such as GroMark RedLine®, but tank mixtures with dyes based on acetic acid should be used within 24 hours.

Cleaning: To avoid injury to subsequently sprayed sensitive crops all traces of Reply® 600 must be removed from the mixing and spraying equipment immediately after use.

1. Drain tank. Then flush tank, pump and boom with clean water for 10 minutes.
2. Fill tank with clean water plus 1 litre chlorine bleach (3% sodium hypochlorite) per 100 litres water. Agitate, flush through system and drain.
3. Repeat step #2.
4. Remove all nozzles and filters and clean separately. Thoroughly rinse tank and flush clean water through pump and boom to remove chlorine solution.

RECOMMENDED USES:

Weed	Handgun	Knapsack	Mistblower	Boom/aerial and ground
	Rate/100L	Rate/10L	Rate/10L	Rate/ha
Barberry	35g	5g	10g	—
Blackberry	20–35g	5–8g	10–16g	200–300g
Bracken	35g	5g	10g	170g
Broadleaf weeds on waste areas, industrial sites	5g	1g	2g	50g
Broom	35g	5g	10g	—
Fennel	5g	1g	2g	50g
Gorse	20g	5g	10g (20g/ulv)	500g
(Seedling Gorse)	—	—	—	170g
Hawthorn	35g	5g	10g	—
Inkweed	25g	5g	10g	50g
Kanuka/Manuka	30g	5g	10g	300g
Matagouri	25g	5g	10g	170g
Old Man's Beard	35g	5g	—	170g
Privet	35g	5g	10g	—
Ragwort/Thistles	2.5–5g	1g	—	—
Sweet Briar	35g	5g	10g	170g
Wild Ginger	25g	5g	10g	—
Willows	35g	5g	10g	—

COMMENTS:

Barberry: Best results on bushes under 3 metres: treat from November to May.

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® 600 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 regrowth. 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 in Spring and frond regrowth is sprayed in the following March to June.

Broadleaf weeds, annual, perennial: Treat when actively growing.

Broom: Apply from November to May to actively growing bushes. Ensure the addition of Force® Penetrant at 100 ml/100 litres.

Fennel: Treat when actively growing.

Gorse: Apply at any time of the year. Add Force® Penetrant at 100ml/ 100 litres for handgun, 10ml/10 litres for knapsack and 1.5 litres per hectare for aerial applications. Retreatment may be required.

Hawthorn: Best results on bushes under 3 metres: treat from November to March.

Inkweed: Treat when actively growing.

Kanuka/Manuka: Apply at any time of the year, but reduced control may occur during periods of peak flowering. Ensure complete coverage of tall growing bushes. Aerial: Apply at least 400 litres water/ha. 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.

Old Man's Beard: Treat from November to May. Add Force® Penetrant at 100 ml/100 litres for handgun, 10ml/10 litres for knapsack and 1.5 litres/ha for aerial applications.

Privet: Apply in Spring and Autumn when actively growing.

Ragwort: Apply from rosette stage to flowering. Use the higher rate on multicrown plants. Direct spray to the centre of the plant. Seed from treated flowering plants will not be viable providing application is made before senescence (flowers discolour). After spraying remove stock until the treated plants are dead.

Sweet briar: Apply from November–April. Ensure complete coverage.

Wild Ginger: Apply from November–April.

Willows: Apply from November–April. Ensure complete coverage.

Forestry - Radiata pine only

Preplant treatment for radiata pine only. To control bracken, blackberry and seedling gorse, apply 170g Reply® 600 per hectare. Do not plant trees within 2 months of spraying.

Registered pursuant to the ACVM Act 1997 No. P 8544.

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSN0 Act 1996, Approval Code: HSR000242

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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