

Handgun - mix 660ml of RAINBOW & BROWN GLYPHOSATE 540 Herbicide with 100 litres of water (0.66% solution).
Knap sack - mix 100ml of RAINBOW & BROWN GLYPHOSATE 540 Herbicide with 15 litres of water.
Small sprayers - mix 6.5ml of RAINBOW & BROWN GLYPHOSATE 540 Herbicide with every 1 litre of water. Apply to completely wet the foliage but not to run-off.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide may be used to control a wide range of brushweeds and woody plants.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide may be used for the control of annual and perennial weeds as directed in agricultural land prior to sowing any edible or non-edible crop or pasture. Where white clover control is required, tank mix with a suitable white clover herbicide and observe recommended waiting periods prior to planting legumes. Cultivation may start from 3 days after spraying perennial weeds and 1 day for annual weeds.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide is non-selective and may damage or kill any plant in the sprayed area. Apply as a directed low pressure spray. Retreatment and/or pasture improvement may be necessary to restrict seedling re-establishment.

For the control of erect weeds in pastures. Pre-mix 1 part RAINBOW & BROWN GLYPHOSATE 540 Herbicide in 3 parts clean water to make a 25% solution. Mix only enough for immediate use. Plants must be clean and dry and the wiper fully saturated. Apply up and down slopes for effective applications.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide may be used to control existing pasture species prior to re-seeding pasture or establishing crops.

Use in unimproved pasture to delay onset of flowering and to maintain pasture grasses in a vegetative growth phase. Treat spring pasture at early grass seedhead emergence with 1800/200ml RAINBOW & BROWN GLYPHOSATE 540 Herbicide /ha. Temporary pasture brownout will occur. Do not use Organosilicone or any other surfactant. Accurate spray calibration is important. Grazing can be carried out at any time after 3 days from treatment, but for optimum results graze from 21 days after treatment. **DO NOT USE ON RYEGRASS OR OTHER IMPROVED PASTURES AS YIELD SUPPRESSION MAY OCCUR. IT IS ADVISABLE NOT TO TREAT MORE THAN 10-15% OF THE FARM IN ANY ONE YEAR. DO NOT USE WHEN SOIL MOISTURE LEVELS ARE INADEQUATE FOR PASTURE GROWTH FOLLOWING APPLICATION.**

Where paddocks are to be used for cropping after silage, RAINBOW & BROWN GLYPHOSATE 540 Herbicide may be applied before the silage is cut. Use 2.0-2.7 L/ha plus Organosilicone 100mL/100L of water in 100-200 litres of water per hectare. Use the high rate on perennial ryegrass or if the silage is rank or lodged. Refer to higher label rates on other specific weeds. After spraying wait at least 4 days before cutting. Grass quality is maintained for 7-10 days after the initial planned cutting date, even into the early stages of brown-out.

Before spraying ensure that there is at least 5-10 cm of actively growing green leaf on all tillers. Typically this takes three weeks or more after cutting. Refer to application rates in the table. Always use Organosilicone.

For wheat, barley and oats - apply 7-12 days prior to harvest when the grain moisture content is less than 30%. For preharvest weed control only. Do NOT use as a preharvest desiccant. Do not harvest within 7 days after treatment to allow time for the herbicide to translocate into the weed roots. Do not apply to undersown crops including clovers as they may be severely damaged. Do not apply to crops which will be harvested for seed. Use rates up to 2.67 litres/ha (1.44 kg ai/ha) depending on the specific weeds to be treated. Avoid treating drought stressed plants.

Apply as a directed or shielded spray or with wiper equipment. For long term control of annual weeds RAINBOW & BROWN GLYPHOSATE 540 Herbicide may be tank mixed with a suitable residual herbicide. Do not apply near unprotected trees less than 3 years old. Do not allow spray or spray drift to contact any part of stonefruit trees, or green bark, suckers, buds, foliage or fruit of other trees. Do not allow wiper surfaces to contact any part of the trees. Weed foliage coated in copper or calcium based compounds may reduce the activity of RAINBOW & BROWN GLYPHOSATE 540 Herbicide.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide can be applied before or after seeding and prior to crop emergence. **RAINBOW & BROWN GLYPHOSATE 540** Herbicide can be applied prior to transplanting or as a post harvest clean-up for longer term control of seedling weeds. **RAINBOW & BROWN GLYPHOSATE 540** Herbicide may be tank mixed with suitable residual herbicides. Use in accordance with the label recommendations for these products.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide can be applied:
Following the final harvest and immediately after removal of all spears but before crop regrowth occurs. Prior to planting or crop emergence. Do not treat emerging spears. In established ferns as a directed or shielded spray or with wiper equipment. Do not allow spray, spray drift or the wiper surface to contact any part of the asparagus plants.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide can be used for the control of annual and perennial weeds as directed. For residual control RAINBOW & BROWN GLYPHOSATE 540 Herbicide can be tank mixed with Simazine or another suitable residual herbicide. Exercise caution when using residual herbicides prior to planting trees, shrubs or other ornamental plants.

Apply before establishing lawns, parks, reserves and ornamentals. RAINBOW & BROWN GLYPHOSATE 540 Herbicide can be applied around the base of established trees as a directed or shielded spray or by wiper equipment. Do not allow spray, spray drift or the wiper surface to contact any part of the tree. In mown areas, allow sufficient re-growth before spraying.

Ensure that 75% of the weed to be treated is above water level or efficacy may be reduced. Following spray application do not submerge the treated plant as this will cause the herbicide to be washed off. Avoid treating silt laden plants.

RAINBOW & BROWN GLYPHOSATE 540 Herbicide can be applied for the control of grasses and a wide range of brushweeds. The addition of Organosilicone is required for the control of bracken and gorse. Do not allow spray, spray drift or the wiper surface to contact the foliage or green bark of desirable trees as severe injury can occur.

68a Tallyho Street, Rotorua, 3015
P O Box 100 49, Mail Centre, Rotorua 3046
Ph. Freecall 0508 299 299
www.RainbowBrown.co.nz
24-HOUR EMERGENCY
PHONE (0800 CHEMCALL) 0800-243 622



Weed	Boom or Aerial L/Ha	Handgun L/100L	Knapsack mL/10L	Mistblower mL/10L	Critical Comment
Barberry	-	0.66	66	200	Apply Jan. to April from flowering to late fruit. Where bushes have been cut, regrowth should be 1.5 meters tall before spraying.
Blackberry	6-12.3	0.66 - 1	66	200	Apply to healthy plants from blossom to ripe fruit stage prior to Autumn frosts (Dec. to Apr.). Only bushes with a well developed canopy of leaves should be treated. Early treatment (Dec. to Jan.) may be preferred in drought prone areas. Leave sprayed blackberry for 40-60 days before burning or slashing and oversow the area. Where treatment has been carried out under marginal conditions some regrowth can be expected within 1-2 years. For aerial application of hard to kill blackberry or where no follow-up pasture management is anticipated, use the higher rate.

Weed	Boom or Aerial L/Ha	Handgun L/100L	Knapsack mL/10L	Mistblower mL/10L	Critical Comment
Boxthorn	-	0.83	-	-	Apply Nov. to Apr. to actively growing plants. Avoid salt damaged plants. Spray to ensure complete coverage of dense thickets. DO NOT use additional surfactant as poor results may occur.
Bracken	6 + 250mL Organosilicone per 100L (Min 500mL/Ha)	0.66 + 200mL Organosilicone per 100L	66 + 20mL Organosilicone	-	Apply when fronds are unfurled (mid Jan. to June) but prior to frost browning. DENSE VIRGIN BRACKEN WITH HIGH TRASH CONTENT AND LOW LEAF TO ROOT RATIO SHOULD BE BURNT IN SPRING AND THE UNFURLED FROND REGROWTH SPRAYED THE FOLLOWING MARCH TO JUNE.
Broom	6 + 250mL Organosilicone per 100L (Min 500mL/Ha)	0.66 + 200mL Organosilicone per 100L	66 + 20mL Organosilicone	200 + 20mL Organosilicone	Aerial Application - Best results are obtained when plants are in full leaf. Handgun Application - Apply all year round. Ensure full coverage.
Buddleja	6	0.66	66	-	Handgun - If actively growing treat all year. Aerial - Treat buddleja up to 2 meters high during Feb. to Apr.
Gorse	-	0.66 + 200mL Organosilicone per 100L	-	-	Apply all year round. Spray to ensure complete coverage.
Old Man's Beard	-	0.66-1.3	130	-	Apply Nov. to Mar. prior to leaf senescence. Vines too high for complete coverage should be cut at ground level in winter or spring and the regrowth sprayed in Mar. when plants are at least 0.5 meters long. Follow-up treatment will be necessary to control seedlings. Use the low rate for small vines.

Weed	Boom or Aerial L/Ha	Handgun L/100L	Knapsack mL/10L	Mistblower mL/10L	Critical Comment
Pampas Grass / Toetoe	-	0.66	66	-	Apply Spring-Autumn. Ensure complete coverage. Best results are achieved when applied after flowering.
Ring Fern	0.66-2	0.2	23	-	Control: Apply 2 litres/ha in Jan. to Apr. Pasture Manipulation: Apply 700ml - 1.4 litres/ha Dec. to Apr. Use the high rate for dense infestations. Burn 4-6 weeks after treatment and oversow with pasture.
Sweet Brier	8 + 250mL Organosilicone per 100L (Min 500mL/Ha)	0.66 + 200mL Organosilicone per 100L	66 + 20mL Organosilicone	-	Apply from late flowering to early leaf yellowing. Best results achieved with full coverage.
Willow	9-12 + 250mL Organosilicone per 100L (Min 500mL/Ha)	0.66+ 200mL Organosilicone per 100L	-	-	Apply from Jan. to Apr. before leaf fall begins. Total spray coverage is essential for best results. Use the high rate for pussy willow control.

WEEDS CONTROLLED – ANNUAL WEEDS

Weed	Boom or Aerial L/Ha	Handgun L/100L	Knapsack mL/10L	Mistblower mL/10L	Critical Comment
Annual Weeds	0.66-1.3	0.13	13	40	Use higher rate for larger weeds.
Barley Grass	0.66	0.13	13	40	
Cleavers	1	0.33	33	100	
Ryegrass Short rotation (Annual, Italian, Hybrid)					Ensure plants are actively growing and have at least 510 cm of green leaf. Add Organosilicone at all times.
Established <8 months	2-2.7 + 100mL Organosilicone per 100L	0.66 + 100mL Organosilicone per 100L	66 + 10mL Organosilicone	200 + 10mL Organosilicone	
Established >8 months	2.7 + 100mL Organosilicone per 100L	0.66 + 100mL Organosilicone per 100L	66 + 10mL Organosilicone	200 + 10mL Organosilicone	