

ECOTOXIC



Roundup Ultra[®]MAX

Active Ingredient: 570g/litre glyphosate as the potassium salt in the form of a soluble concentrate.

A non-residual, non-selective herbicide for weed control prior to planting crops and pasture, prior to harvesting some crops and for general weed control in horticulture, agriculture, and forestry

GROUP 9 HERBICIDE

AGRECOVERY LOGO

Net: 18L
100L
110L
200L
500L
1000L



ROUNDUP ULTRA[®]MAX

HAZARD CLASSIFICATION

Toxic to aquatic life with long lasting effects

Qualified person This product must be under the control of a qualified person when applied directly onto or into water.

This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

ECOTOXIC

- Toxic to aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.
- Non-selective herbicide – toxic to plants. Avoid contact with foliage or green stems of fruit or crops, desirable plants and trees, since severe injury or death may occur.

Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Do not allow drift to occur outside the target area.

HANDLING PRECAUTIONS

STORAGE

- Keep out of reach of children.
- Store in original container tightly closed in a locked, dry, cool area away from foodstuffs, seeds & fertilisers. Store in accordance with NZS 8409 Management of Agrichemicals.
- Solutions of *Roundup Ultra[®]MAX* should be mixed, stored and applied only in stainless steel, aluminum, brass, copper, fibreglass, plastic or plastic lined containers. Do not mix or store this product in galvanised or unlined steel (except stainless steel) containers or spray tanks. *Roundup Ultra[®]MAX* or solutions of *Roundup Ultra[®]MAX* react with such containers to produce hydrogen gas which may form a highly combustible gas mixture which can flash or explode if ignited.
- Stores containing 1000 litres of *Roundup Ultra[®]MAX* require secondary containment and signage, and more than 1000 litres require emergency response plans.

PERSONAL PROTECTION

- Avoid contact with skin and eyes and avoid breathing spray mist.
- When using wear eye protection, waterproof gloves, suitable boots and cotton overalls.
- Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT

- Apply using well maintained spray equipment that is accurately calibrated.
- Flush equipment thoroughly with clean water after use.

DISPOSAL

- Triple rinse empty container and add rinsate to the spray tank. Return or recycle empty container. Otherwise crush and bury in a suitable landfill.
- Dispose of product only by using according to the label, or at an approved landfill.

FIRST AID: If swallowed, DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs remove

contaminated clothing and flush skin and hair with running water. If splashed in eyes, wash out immediately with water.

SPILLAGE: Wear appropriate protective clothing and prevent material from entering waterways. Contain and absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

Registered pursuant to the ACVM Act 1997 No. P8725

See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996 Approval Code HSR100587

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

PROPER SHIPPING NAME	HAZARD CLASS	UN No.	HAZCHE M	PACKING GROUP
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (glyphosate 57%)	9	3082	2x	III

Batch No.:

D.O.M.:

Registrant:

Bayer New Zealand Limited
B:Hive Building
74 Taharoto Road, Auckland
0622
New Zealand



Ph. 0800 428 246
EMERGENCY RESPONSE SERVICE (24 hrs) 0800 734 607

Label Code:

TRANSPORT: Do not carry more than 10L of *Roundup Ultra*[®]*MAX* on a passenger service vehicle.

MIXING AND COMPATIBILITY: *Roundup Ultra*[®]*MAX* mixes readily with clean water. Reduced results may occur if dirty water (e.g. from ponds), hard water containing calcium salts, or water containing metal ions (e.g. iron) is used. Ensure the spray tank is free of any residue of previous spray materials. Half fill the spray tank with water. Add the required amount of *Roundup Ultra*[®]*MAX*, agitate and continue filling the tank. Avoid foaming by keeping the filler nozzle below water level. Do not store mixed solutions for longer than 5 days. Do not use with *Baton*[®]. If adding other herbicides, ensure these are fully dispersed before adding the *Roundup Ultra*[®]*MAX*. Use tank mixtures promptly.

SHELF LIFE: When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

GENERAL INFORMATION

Roundup Ultra[®]*MAX* is a broad spectrum, non-selective, non residual herbicide that is not volatile and may be used in agriculture, horticulture, drains, aquatic areas, forestry and for other uses including general weed control. *Roundup Ultra*[®]*MAX* is recommended prior to sowing pasture, crops and for the control of a wide range of brushweeds.

Roundup Ultra[®]*MAX* is absorbed by plant foliage and green stems. It is inactivated immediately upon contact with the soil and does not provide residual weed control. *Roundup Ultra*[®]*MAX* moves from the point of foliage or stem contact into the root system controlling the plant above and below the ground. Visible effects may take up to 14 days or even longer depending on growing conditions. These effects are a gradual wilting and yellowing of the foliage which advances to deterioration of above and below ground parts.

Apply *Roundup Ultra*[®]*MAX* only to healthy, actively growing plants with adequate leaves for herbicide uptake. Avoid treating plants that are silt laden or affected by drought, frost, water logging, grazing or previous herbicide application.

Rainfall occurring up to 2 hours after application may reduce effectiveness. When *Slikka*[®] or *Pulse*[®] is added the rainfree period may be reduced to 30 minutes. If *Roundup Ultra*[®]*MAX* is applied to wet plants, efficacy may be reduced due to runoff.

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

Wheat, barley and oats - 7 days

Animal Safety

After application of *Roundup Ultra*[®]*MAX* a withholding period for grazing stock is not required (except where ragwort is present). However, it is recommended that grazing or cultivating is delayed for 1 day after treatment of annual weeds or 3 days if perennial weeds are present to ensure absorption of *Roundup Ultra*[®]*MAX*.

With brushweeds wait for stem dehydration to occur prior to burning or slashing.



RESISTANT WEEDS WARNING

Resistance to this herbicide could develop from excessive use. *Roundup Ultra*[®]MAX contains a **GROUP 9 HERBICIDE** and belongs to the glycine group of herbicides. *Roundup Ultra*[®]MAX has the inhibition of EPSP synthase mode of action. Some naturally occurring weed biotypes resistant to *Roundup Ultra*[®]MAX and other Group 9 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. To minimise this risk use strictly in accordance with label instructions and resistance management strategies at www.nzpps.org/resistance.

GENERAL USES:

Refer to “Weeds Controlled” section for rates of application.

- **General Weed Control**

Handgun – mix 625ml of *Roundup Ultra*[®]MAX with 100L of water.

Knapsack - mix 95ml of *Roundup Ultra*[®]MAX with 15L of water.

Small sprayers – mix 6.3ml of *Roundup Ultra*[®]MAX with every 1L of water.

Apply to completely wet the foliage but not to run-off.

- **Brushweed Control**

Roundup Ultra[®]MAX may be used to control a wide range of brushweeds and woody plants.

- **Agricultural Areas**

Roundup Ultra[®]MAX is non-selective and may damage or kill any plant in the sprayed area. *Roundup Ultra*[®]MAX 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 containing grass species, legumes and forage herb species.

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.

- **Pasture**

Direct (Spot) Application

Roundup Ultra[®]MAX 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.

Selective Wiper Application

For the control of erect weeds in pastures.

Pasture Renewal

Roundup Ultra[®]MAX may be used to non selectively control existing pasture species (grass species, legumes and forage herb species) prior to re-seeding pasture or establishing crops.

Pasture Seedhead Suppression (Unimproved Pasture)

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 170-190 ml *Roundup Ultra*[®]MAX/ha. Temporary pasture brownout will occur. **Do not use Slikka[®], Pulse[®] 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.



- **Spraying of Silage Before Cutting**

Where paddocks are to be used for cropping after silage, *Roundup Ultra*[®]*MAX* may be applied before the silage is cut. Use 1.9-2.5 L/ha plus Slikka[®] or Pulse[®] penetrant 100mL/100L of water in 100-200L 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.

- **Spraying of Silage or Hay Paddocks After Cutting**

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 Slikka[®] or Pulse[®] penetrant.

- **Broad-acre Crops: Wheat, barley and oats.** Can be used to control weeds prior to cultivation or prior to harvest. Spray 7 - 12 days prior to harvest when the grain moisture is less than 30%. Do not harvest within 7 days after spraying. Do not spray undersown crops. Do not spray crops that will be harvested for seed. Use rates up to 2.5 L/ha depending on the specific weeds to be treated. Avoid treating plants under drought stress.

- **Orchards/Vines: Citrus, Apples, Pears, Stonefruit, Kiwifruit, Grapevines**

Apply as a directed or shielded spray or with wiper equipment. For long term control of annual weeds *Roundup Ultra*[®]*MAX* 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 *Roundup Ultra*[®]*MAX*.

- **Market Gardens**

Roundup Ultra[®]*MAX* can be applied before or after seeding and prior to crop emergence. *Roundup Ultra*[®]*MAX* can be applied prior to transplanting or as a post harvest clean-up for longer term control of seedling weeds. *Roundup Ultra*[®]*MAX* may be tank mixed with Ramrod[®] or other suitable residual herbicides.

Use in accordance with the label recommendations for these products. Do not allow spray or spray drift to contact any part of a seed potato crop.

- **Asparagus**

Roundup Ultra[®]*MAX* 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.

- **Industrial and Non-Agricultural Areas**

Roundup Ultra[®]*MAX* can be used for the control of annual and perennial weeds as directed. For residual control *Roundup Ultra*[®]*MAX* 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.

- **Turfgrass and Recreational Areas**

Apply before establishing lawns, parks, reserves and ornamentals. *Roundup Ultra*[®]*MAX* can be applied around the base of established trees as a directed or shielded spray or by



wiper equipment. Do not allow spray or spray drift or the wiper surface to contact any part of the tree. In mown areas, allow sufficient re-growth before spraying.

- **Aquatic Areas**

- Drains and Waterways

- 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.

- **Forestry**

- *Roundup Ultra*[®]*MAX* can be applied for the control of grasses and a wide range of brushweeds. The addition of Slikka[®] or Pulse[®] penetrant 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.

APPLICATION INSTRUCTIONS

- For broadcast boom application flat fan, wide angle nozzles (e.g. 110°) using pressures of 200-280kPa are preferred. Set boom height to ensure a double overlap of the spray pattern at the top of the weed canopy. Apply in 100-200L of clean water per hectare. For orchard application wide angle, even spray nozzles are preferred.
- For knapsack or handgun applications adjust equipment to apply a fine spray. Use the minimum spray volume necessary to achieve uniform and complete coverage. Handgun spraying pressures of 1,000-2,000 kPa and No. 4 to No. 6 spray tips are recommended.
- Wiper Application – pre-mix 1 part of *Roundup Ultra*[®]*MAX* and 2 parts of clean water to prepare a 33% solution. Mix only enough herbicide for immediate needs and allow the wiping area to become fully saturated before commencing. The wiping area must remain moist and clean otherwise reduced results will occur. In heavy weed infestations or when treating perennial weeds such as Californian thistle or multi-crown ragwort, a double pass in opposite directions on the same day will give the best results. As weed density increases, decrease ground speed.
- Aircraft Application – *Roundup Ultra*[®]*MAX* may be applied by aircraft in forestry and non-cropping areas only. Aerial application of *Roundup Ultra*[®]*MAX* is not recommended on cropping land or near desirable plant species as even slight drift may cause severe injury or destruction. Do not apply in gusty or windy conditions or in other conditions conducive to drift, e.g. still air and inversion conditions.
- Mistblower Application – Use a solution of 190ml of *Roundup Ultra*[®]*MAX* in 10L of water. For the micron attachment increase to 1.23L of *Roundup Ultra*[®]*MAX* in 10L of water. Provide complete coverage and spray to wet but not to runoff.

® Roundup Ultra is a registered trademark of the Bayer group.

® Slikka is a registered trademark of ETEC Crop Solutions Limited.

® Pulse and Ramrod are registered trademarks of Nufarm Technologies, USA.

® Baton is a registered trademark of Nufarm Australia Ltd.



CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER

If you open this container you will be deemed to have accepted the conditions below.

CAUTION: PLEASE READ THIS NOTICE BEFORE OPENING THE CONTAINER

The results obtained from using this product may be affected by factors beyond Bayer New Zealand's control, including mixing, use, climatic conditions, time of application, crop or crop stage and the possible development of resistance to the active ingredient.

Limitation of liability

With the express exception of liabilities created by New Zealand law which cannot be excluded, restricted or modified, none of Monsanto Australia Pty Ltd or any of its affiliates ("Monsanto"), or any manufacturer of any component of the product or Bayer New Zealand Limited or any of its affiliates ("Bayer") shall be liable for any loss or damage (including consequential loss or damage), injury or death connected with, or arising out of, the product, regardless of the way in which it arises (including by way of negligence). To the extent permitted by law, all warranties, guarantees, representations and conditions, whether expressed or implied by law, trade, customer or otherwise are expressly excluded.

Remedy for failure to comply with warranty or guarantee

If there has been a failure to comply with a warranty or guarantee that cannot be excluded by law, the liability of Monsanto and Bayer is limited to a replacement of the good or the supply of an equivalent good.



WEEDS CONTROLLED

BRUSHWEEDS

Weed	Boom or Aerial L/ha	Handgun vol/ 100L	Knapsack ml/ 10L	Mistblower ml/ 10L
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BARBERRY	-	625ml	63	190
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Apply January to April from flowering to late fruit. Where bushes have been cut, regrowth should be 1.5m tall before spraying.

BLACKBERRY	5.7-12.3	625ml – 950ml	63	190
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Apply to healthy plants from blossom to ripe fruit stage prior to autumn frost (December to April). Only bushes with a well developed canopy of leaves should be treated. Early treatment (December to January) 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.

BOXTHORN	-	786ml	-	-
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Apply November to April 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	5.7 + Slikka® or Pulse®	625ml + Slikka® or Pulse®	63 + Slikka® or Pulse® 20ml	-
SLIKKA® OR PULSE® MUST BE USED	250ml/100L (min 500ml/ha)	200ml/100L		

Apply when fronds are unfurled (mid January 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	5.7+ Slikka® or Pulse®	625ml + Slikka® or Pulse®	63 + Slikka® or Pulse® 20ml	190 + Slikka® or Pulse® 20ml
SLIKKA® OR PULSE® MUST BE USED	250ml/100L (min 500ml/ha)	200ml/100L		

Aerial Application – Best results are obtained when plants are in full leaf.
Handgun Application – Apply all year round. Ensure full coverage.

BUDDLEJA	5.7	625ml	63	-
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Handgun – If actively growing treat all year.
Aerial – Treat buddleja up to 2m high during February to April.

GORSE	-	625ml + Slikka® or Pulse®	-	-
SLIKKA® OR PULSE® MUST BE USED		200ml/100L		

Apply all year round.
Spray to ensure complete coverage.



BRUSHWEEDS (continued)

Weed	Boom or Aerial L/ha	Handgun vol/100L	Knapsack ml/10L	Mistblower ml/10L
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OLD MAN'S BEARD - 625ml – 1.23 123 -

Apply November to March 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 March when plants are at least 0.5m long. Follow-up treatment will be necessary to control seedlings. Use the low rate for small vines.

PAMPAS GRASS / TOETOE - 625ml 63 -

Apply spring-autumn. Ensure complete coverage. Best results are achieved when applied after flowering.

RING FERN 625ml – 1.9 190ml 23 -

Control: Apply 1.9L/ha in January to April.

Pasture Manipulation: Apply 663ml-1.3L/ha December to April. Use the high rate for dense infestations. Burn 4-6 weeks after treatment and oversow with pasture.

SWEET BRIER 7.6 + Slikka® or Pulse® 625ml + Slikka® or Pulse® 63 + Slikka® or Pulse® 20ml
250ml/100L (min 200ml/100L
500ml/ha)

SLIKKA® OR PULSE® MUST BE USED



Apply from later flowering to early leaf yellowing. Best results achieved with full coverage.

WILLOW 8.5-11.4 + Slikka® or Pulse® 625ml + Slikka® or Pulse®
250ml/100L (min 200ml/100L
500ml/ha)

Apply from January to April before leaf fall begins. Total spray coverage is essential for best results. Use the high rate for pussy willow control.

ANNUAL WEEDS

Weed	Boom or Aerial L/ha	Handgun Vol/100L	Knapsack ml/10L	Mistblower ml/10L
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ANNUAL WEEDS Seedlings 625 ml – 1.23 123ml 12 38

Use higher rate for larger weeds.

BARLEY GRASS 625ml 123ml 12 38

CLEAVERS 950ml 313ml 31 95

RYEGRASS – short rotation (Annual, Italian, Hybrid)

Established < 8 months 1.9 – 2.5 + Slikka® or Pulse® 625ml + Slikka® or Pulse® 63 + Slikka® or Pulse® 10 ml 190 + Slikka® or Pulse® 10ml
100ml/100L 100ml/100L

Established > 8 months

2.5 + Slikka® or Pulse® or 100ml/100L 625ml + Slikka® or Pulse® or 100ml/100L 63 + Slikka® or Pulse® 10 ml 190 + Slikka® or Pulse® 10ml

Ensure plants are actively growing and have at least 5-10 cm of green leaf. Add Slikka® or Pulse® penetrant at all times.

PERENNIAL WEEDS

Weed	Boom or Aerial L/ha	Handgun Vol/100L	Knapsack ml/10L	Mistblower ml/10L
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AUSTRALIAN SEDGE	3.8 Aerial 5.7	625ml	63	190
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Apply from November to March. Where rank growth is present the area should be burnt 12-18 months prior to aerial application to ensure adequate spray coverage.

BROWNTOP	3.8	625ml	63	190
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Apply to 5-10cm high actively growing plants. Some regrowth may occur. Long term control requires a pasture renewal programme utilising annual crops and repeat applications of *Roundup Ultra*®MAX before re-establishing perennial pasture.

CALIFORNIAN THISTLE	2.5	625ml	63	190
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Apply after flower bud development but before autumn browning. To ensure maximum shoot emergence do not cultivate for 6 months prior to treatment.

Wiper – double pass at low speed is recommended in heavy infestations. Mowing thistles 10 days after treatment may assist control. Retreatment may be necessary in the following season.

COUCH	1.9-3.8	625ml	63	190
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For suppression use 1.9L/ha, for control use 2.5-3.8 L/ha when growing conditions are satisfactory. Autumn treatment is preferable. Use the high rate in late spring. Apply to plants with at least 4-5 leaves (at least 10-15 cm leaf length) and active shoot and root growth.

Do not cultivate for 6 months prior to application to ensure maximum shoot emergence. Some regrowth may occur.

Long term control requires a pasture renewal programme utilising annual crops and repeat applications of *Roundup Ultra*®MAX before re-establishing perennial pasture.

See the General Uses section for control of couch in a pre-harvest situation.

CHEWINGS FESCUE or RED FESCUE	5.7 + Slikka® or Pulse® or 100ml/100L	625ml + Slikka® or Pulse® 100ml/100L	-	-
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Apply to healthy actively growing plants with 10-15 cm leaf length. Spring treatment gives best results. Some regrowth may occur. Long term control requires a pasture renewal programme utilising annual crops and repeat applications of *Roundup Ultra*®MAX before re-establishing perennial pasture.

DOCK	2.5-5.7	625ml	63	-
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Treat plants in spring or summer when actively growing and in full leaf. Use low rate for seedlings and young plants. Use high rate for control of established plants.

FLOATING GRASS or SWEET GRASS	3.8	625ml	63	190
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Apply to actively growing plants when most have reached early seedhead.



INDIAN DOAB	5.7	625ml	63	-
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Apply when most plants have reached early seedhead.

JOHNSON GRASS or KIKUYU	3.8	625ml	63	190
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PERENNIAL WEEDS (continued)

Weed	Boom or Aerial L/ha	Handgun Vol/100L	Knapsack ml/10L	Mistblower ml/10L
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MERCER GRASS

Aquatic	5.7	950ml	95	284
Non-Aquatic	3.8	625ml	63	190

Apply to actively growing plants. Under dense growth conditions mulch and allow at least 10-15 cm of regrowth before treatment. Long term control requires a pasture renewal programme utilising annual crops and repeat applications of *Roundup Ultra*[®]MAX before re-establishing perennial pastures.

NODDING THISTLE	3.8	625ml	63	-
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Wiper Application: Apply when actively growing when at least 10cm of the weed can be wiped. In heavy infestations a double pass is recommended.

PASPALUM	2.5-3.8	625ml	63	190
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Use the low rate from January to April (early seedhead) prior to frosts. Use 3.8 L/ha on vegetative plants.

POTATO (SELF SET)	1.9	313ml	31	95
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PRAIRIE GRASS	950ml	-	-	-
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RAGWORT	3.8	625ml	63	-
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Apply when actively growing.

Wiper – apply when plants are 10-15cm above the pasture. In heavy infestations a double pass is recommended.

Caution: Ragwort plants may become more palatable following spraying and stock should be removed until the treated plants brown out.

RATSTAIL	3.1	-	-	-
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Apply to actively growing plants in autumn.

RAUTAH (CUTTY GRASS) or RUSHES	3.8	625ml	63	190
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Apply to actively growing plants from January to March. Burning or slashing may take place from 30 days after treatment following brownout.

Wiper (Rushes only). Apply November to May.

RYEGRASS PERENNIAL	2.5 + Slikka [®] or Pulse [®] 100ml/100L	625ml + Slikka [®] or Pulse [®] 100ml/100L	63+ Slikka [®] or Pulse [®] 10ml	
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Ensure plants are actively growing and have at least 5-10 cm of green leaf. Add Sliikka® or Pulse® penetrant at all times.

PERENNIAL WEEDS (continued)				
Weed	Boom or Aerial L/ha	Handgun Vol/100L	Knapsack ml/10L	Mistblower ml/10L
TALL FESCUE	3.8	625ml	63	190

Apply to actively growing plants January to March.

YARROW	1.9-3.8	-	-	-
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Apply to plants with 5-10cm of leaf. Cultivate with a minimum of 2 grubblings from 10 days after treatment. Use the 1.9L rate when a competitive crop to yarrow is to be drilled. Use the 3.8L rate when the crop to be drilled is a poor competitor.

