

ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

Ultimate™



HERBICIDE

Contains: 25g/litre metsulfuron-methyl & 75g/litre triclopyr as the butoxy ethyl ester in the form of an emulsifiable concentrate

For the control of blackberry, gorse and many other scrub weeds in pasture, forest site preparation and waste areas

151015



PLEASE READ ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE.

BEWARE: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

HAZARD CLASSIFICATIONS: 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A

APPROVED HANDLER: This product must be under the control of an approved handler during use. See MSDS for full details.

RECORD KEEPING: Records of use must be kept under certain circumstances. See MSDS for full details.

WARNING: May cause skin and eye irritation. Avoid contact with skin and eyes. May cause sensitisation from prolonged skin contact. May cause organ damage from repeated oral exposure of high doses.

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 spilled on the skin, remove contaminated clothing and affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Seek medical attention.

PERSONAL PROTECTION: When handling, wear waterproof gloves, eye protection, overalls and boots. DO NOT eat, drink or smoke while using. Wash thoroughly after use and before eating.

ECOTOXICITY: Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Very toxic to the soil environment.

STORAGE: Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children. Use spray solutions the same day.

DISPOSAL: Triple rinse empty container and add rinsate to the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in a suitable landfill. Dispose of product only by using according to the label.

MATERIAL SAFETY DATA SHEET: Additional information is listed in the MSDS available from Zelam Limited or www.zelam.com.

Approved pursuant to the HSNO Act 1996, No: HSR000244. See www.epa.govt.nz for approval conditions.

Registered pursuant to the ACVM Act 1997, No. P006075 See www.foodsafety.govt.nz for registration conditions.

DIRECTIONS FOR USE

WEED	GUN ml/100 litres	AERIAL litres/ha		DIRECTIONS FOR USE
BLACKBERRY	500 - 750	5 - 7.5	100	Use the higher rate on harder to kill blackberry types such as those occurring in Northland and on the East Coast. Apply during summer and autumn when bushes are in active growth. In the autumn apply prior to leaf discolouration. Best results will be achieved using ground application equipment. Do not add any additional surfactant.
BRACKEN	350 - 750	4	100	Apply January - June when fronds are fully unfurled but before frost browning. Use the high rate in dense situations where old trash exists. Best results will be achieved if plants are firstly crushed and burnt then frond regrowth sprayed the following summer.
BROOM	500	--	120	Apply when plants have fully expanded foliage which remain on the plant when the plant is shaken, usually November - May. Always add DewDrop organo silicone at 50ml/100 litres. Follow up application may be required 1 - 2 years later.
FENNEL	100	1.2	25	For best results apply when plants are actively growing and in full leaf, November - May.
GORSE	350	12	100	Apply at any time of the year but best results will be achieved when application is made to actively growing plants. The addition of DewDrop organo silicone at 50 ml/100 litres is only required when application is made in winter or when plants are under stress from drought, frost or wind burn. No additional surfactant is required for aerial applications.
HAWTHORN	--	5	120	Apply when plants are in full leaf, November - March.
MANUKA/ KANUKA	--	7	120	Apply at any time of the year. For aerial application, best results will be achieved on tall plants that have formed a canopy. For aerial application always add DewDrop at 1 litre/ha.
MATAGOURI	500	5	100	Apply when bushes are actively growing and have a full leaf cover, December - April.
RAGWORT	50 - 100	--	25	Best application time is when plants are in the rosette - cabbage stage. Use the higher rate on multicrown or flowering plants. To minimise pasture damage direct spray to the centre of the plant. Caution: Plants may become more palatable after spraying. Stock should be removed until treated plants die down.
SWEET BRIAR	--	5	120	Apply when plants are in active growth, usually from November - April.

MIXING: Ultimate can be added directly to the spray tank if it has good agitation otherwise premix with a small amount of water before adding to spray tank.

APPLICATION: Aerial: Use 200 - 400 litres of water per hectare. Apply with calibrated aircraft using the half overlap opposite pass technique. It is advised to follow up with ground application to control any re-growth. **Handgun:** Apply to achieve full coverage of both foliage and stems from all directions. Use pressures of 1200 -2000 kPa. **Knapsack:** Use a hand knapsack only on small bushes where full coverage of foliage and stems can be achieved.

SPRAYER CLEAN UP: Equipment used for the application of Ultimate should not be used for applying other materials to desirable plants unless a thorough decontamination is carried out.

RAINFALL: Spraying should stop if heavy rain begins. Moderate - heavy rainfall within one hour of treatment may reduce final kill.

DRIFT: Apply Ultimate carefully. Spray drift may cause serious damage to other plants. Ultimate is not volatile.

TANK STABILITY: Use spray solutions the same day.

MARKER DYES: May be added.

PASTURE RE-ESTABLISHMENT: Ultimate is injurious to ryegrass and white clover pasture. DO NOT re-sow within 3 months of application.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residues Limits of Agricultural Compounds) Food Standards

WITHHOLDING PERIOD: DO NOT graze treated areas with dairy cows within 3 days of application or 1 day for other stock. Treated plants may become more palatable after spraying and stock should be kept away until these plants have died down.

PASTURE SEEDING: DO NOT re-sow sprayed areas within 3 months.

RESISTANCE MANAGEMENT: **GROUP B+03 HERBICIDE** Ultimate contains metsulfuron-methyl, a sulfonyl urea herbicide that inhibits acetolactate synthase plus triclopyr, a pyridine carboxylic acid herbicide with the auxin mimic mode of action. Certain weed biotypes resistant to Ultimate and other group B herbicides could exist or develop due to natural genetic variation. To minimise the risk of any resistant plants dominating the weed population use strictly in accordance with label instructions. Do not use group B herbicides exclusively and follow resistance management strategies that may exist for particular weeds on this label. For further information see www.resistance.nzpps.org

NOTICE TO BUYER: The manufacturers and vendors of Ultimate warrant the formulation to contain the specified active ingredient within accepted tolerance when packed but make no warranty of any kind on the use of this material and accept no responsibility for results, whether the material has been used in accordance with directions or not.

REGISTERED TO: Tapuae Partnership, Hudson Road,
New Plymouth, NZ
Tel: 06 755-9234 Fax: 06 755-1174
EMERGENCY PHONE: 0800 CHEMCALL 0800 243 6225

