

**KEEP OUT OF REACH OF CHILDREN  
READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING**

# **MAX-OUT 540**

**HERBICIDE**

**ACTIVE INGREDIENT: 540 g/L GLYPHOSATE as the potassium salt in  
the form of a soluble concentrate.**

**GROUP 9 HERBICIDE**

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.

Registered pursuant of ACVM Act 1997, No. P008991  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
Approved pursuant to HSNO Act 1996, No. HSR101458  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions



**NET CONTENTS: 20L**

Registrant:  
**Kenso Corporation (M) Sdn Bhd**  
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NZ Agent:  
**Kenso NZ Limited**  
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# MAX-OUT 540 HERBICIDE

## HAZARD CLASSIFICATION

Aquatic chronic, Category 2

## PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of an appropriately trained and experienced person during storage, use and disposal. For guidance refer to the requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.

## WARNING

### ECOTOXIC

Toxic to aquatic organisms. Avoid contamination of any water supply with chemical 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 and in a locked, dry, cool area away from foodstuffs, seeds, and fertilizers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

Solutions of Max-Out 540 Herbicide should be mixed, stored and applied only in stainless steel, aluminum, brass, copper, fiberglass, plastic or plastic lined containers. Do not mix or store this product in galvanized or unlined steel (except stainless steel) containers or spray tanks. Max-Out 540 Herbicide or solutions of Max-Out 540 Herbicide 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 or more of Max-Out 540 Herbicide require secondary containment, signage, and emergency response plans.

## PERSONAL PROTECTION

Avoid contact with skin or eyes and avoid breathing spray mist. When handling wear chemical resistant; coveralls, gloves, appropriate eye protection respiratory protection (organic vapour minimum specification) and boots. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

## EQUIPMENT

Apply using well maintained and accurately calibrated spray equipment.

Spray tanks, lines and nozzles should be thoroughly rinsed with clean water following application.

## DISPOSAL

Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)) or dispose of safely at a suitable local authority

refuse receipt facility or approved hazardous substances waste disposal facility. Do not burn. Do not use container for any other purpose.

## 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 concentrate or spray solution enters the eyes wash out immediately with water. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. Obtain medical attention.

## SAFETY DATA SHEET

A Safety Data Sheet is available from the Kenso NZ website: [www.kenso.co.nz](http://www.kenso.co.nz)

## CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.



**EMERGENCY RESPONSE**  
Ring 0800 CHEMCALL, or  
0800 243 622 (24 hours)

Product of China



9 421028 660518



Batch No.:

Date of Manufacture:

UN NO: 3082

ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, LIQUID, N.O.S.

(CONTAINS GLYPHOSATE)

MARINE POLLUTANT, PACKING GROUP III,  
HAZCHEM 2X, CLASS 9



In a transport emergency dial 111, Police or Fire Service. For specialist advice in emergency only, call 0800 243 622 (24 hours)



**WEEDS CONTROLLED**

BRUSHWEEDS					
Weed	Boom or Aerial L/ha	Handgun vol/100L	Knapsack ml/10L	Mistblower ml/10L	Critical Comment
<b>BARBERRY</b> ( <i>Berberis glaucocarpa</i> )	-	660ml	66ml	200ml	Apply January to April from flowering to late fruiting. Where bushes have been cut, regrowth should be 1.5m tall before spraying.
<b>BLACKBERRY</b> ( <i>Rubus fruticosus</i> )	6L-13L	660ml – 1L	66ml	200ml	Apply to healthy plants from blossom to ripe fruit stage prior to Autumn frosts (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.
<b>BOXTHORN</b> ( <i>Lycium ferocissimum</i> )	-	830ml	-	-	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.
<b>BRACKEN</b> ( <i>Pteridium aquilinum</i> )	6L + Silken 250ml/100L (min 500ml/ha)	660ml + Silken 200ml/100L	66ml + Silken 20ml	-	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.
SILKEN MUST BE USED					
<b>BROOM</b> ( <i>Cytisus scoparius</i> )	6L + Silken 250ml/100L (min 500ml/ha)	660ml + Silken 200ml/100L	66ml + Silken 20ml	200ml + Silken 20ml	<b>Aerial Application</b> – Best results are obtained when plants are in full leaf. <b>Handgun Application</b> – Apply all year round. Ensure full coverage.
SILKEN MUST BE USED					
<b>BUDDLEIA</b> ( <i>Buddleja davidii</i> )	6L	660ml	66ml	-	<b>Handgun</b> – If actively growing treat all year. <b>Aerial</b> – Treat buddleia up to 2m high during February to April.
<b>GORSE</b> ( <i>Ulex europaeus L</i> )	-	660ml + Silken 200ml/100L	-	-	Apply all year round. Spray to ensure complete coverage.
SILKEN MUST BE USED					
<b>OLD MAN'S BEARD</b> ( <i>Clematis vitalba</i> )	-	660ml – 1.3L	130ml	-	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.
<b>PAMPAS GRASS/TOETOE</b> ( <i>Cortaderia spp.</i> )	-	660ml	66ml	-	Apply Spring-Autumn. Ensure complete coverage. Best results are achieved when applied after flowering.
<b>RING FERN</b> ( <i>Paesia scaberula</i> )	660ml-2L	200ml	23ml	-	<b>Control:</b> Apply 2L/ha in January to April. <b>Pasture Manipulation:</b> Apply 700ml-1.4L/ha December to April. Use the high rate for dense infestations. Burn 4-6 weeks after treatment and oversow with pasture.
<b>SWEET BRIER</b> ( <i>Rosa rubiginosa</i> )	8L + Silken 250ml/100L (min 500ml/ha)	660ml + Silken 200ml/100L	66ml + Silken 20ml	-	Apply from late flowering to early leaf yellowing. Best results achieved with full coverage.
SILKEN MUST BE USED					
<b>WILLOW</b> ( <i>Salix species</i> )	9L-12L + Silken 250ml/100L (min 500ml/ha)	660ml + Silken 200ml/100L	-	-	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	Critical Comment
<b>ANNUAL WEEDS</b> (Seedlings)	660ml – 1.3L	130ml	13ml	40ml	Use higher rate for larger weeds.
<b>BARLEY GRASS</b> ( <i>Hordeum murinum</i> )	660ml	130ml	13ml	40ml	
<b>CLEAVERS</b> ( <i>Galium aparine</i> )	1L	330ml	33ml	100ml	
<b>RYEGRASS</b> – short rotation (Annual, Italian, Hybrid)					Ensure plants are actively growing and have at least 5-10 cm of green leaf. Add Silken at all times.
Established < 8 months	2L – 2.7L + Silken 100ml/100L	660ml + Silken 100ml/100L	66ml + Silken 10 ml	200ml + Silken 10ml	
Established > 8 months	2.7L + Silken 100ml/100L	660ml + Silken 100ml/100L	66ml + Silken 10 ml	200ml + Silken 10ml	

**PERENNIAL WEEDS**

Weed	Boom or Aerial L/ha	Handgun vol/100L	Knapsack ml/10L	Mistblower ml/10L	Critical Comment
<b>AUSTRALIAN SEDGE</b> ( <i>Carex longibrachiata</i> ) Wiper*	4L Aerial 6L	660ml	66ml	200ml	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.
<b>BROWNTOP</b> ( <i>Agrostis capillaris</i> )	4L	660ml	66ml	200ml	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 Max-Out 540 Herbicide before reestablishing perennial pasture.
<b>CALIFORNIAN THISTLE</b> ( <i>Cirsium arvense</i> ) Wiper*	2.7L	660ml	66ml	200ml	Apply after flower bud development but before autumn browning. To ensure maximum shoot emergence do not cultivate for 6 months prior to treatment. Wiper – a 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.

**PERENNIAL WEEDS Cont.**

Weed	Boom or Aerial L/ha	Handgun vol/100L	Knapsack ml/10L	Mistblower ml/10L	Critical Comment
<b>COUCH</b> ( <i>Elytrigia repens</i> )	2L-4L	660ml	66ml	200ml	For suppression use 2L/ha, for control use 2.7-4 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 Max-Out 540 Herbicide before re-establishing perennial pasture. See the Use Recommendations section for control of couch in a pre-harvest situation.
<b>CHEWINGS FESCUE</b> ( <i>Festuca rubra</i> subsp. <i>commutata</i> )	6L + Silken 100ml/100L	660ml + Silken 100ml/100L	-	-	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 Max-Out 540 Herbicide before re-establishing perennial pasture.
<b>RED FESCUE</b> ( <i>Festuca rubra</i> subsp. <i>rubra</i> )					
<b>DOCK</b> ( <i>Rumex obtusifolius</i> )	2.7L-6L	660ml	66ml	-	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.
<b>FLOATING SWEET GRASS</b> ( <i>Glyceria fluitans</i> )	4L	660ml	66ml	200ml	Apply to actively growing plants when most have reached early seedhead.
<b>REED SWEET GRASS</b> ( <i>Glyceria maxima</i> )					
<b>INDIAN DOAB</b> ( <i>Cynodon dactylon</i> )	6L	660ml	66ml	-	Apply when most plants have reached early seedhead.
<b>JOHNSON GRASS</b> ( <i>Sorghum halepense</i> )	4L	660ml	66ml	200ml	Apply to actively growing plants.
<b>KIKUYU</b> ( <i>Pennisetum clandestinum</i> )	4L	660ml	66ml	200ml	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 Max-Out 540 Herbicide before re-establishing perennial pastures.
<b>MERCER GRASS</b> ( <i>Paspalum distichum</i> )					
Aquatic	6L	1L	100ml	300ml	
Non-Aquatic	4L	660ml	66ml	200ml	
<b>NODDING THISTLE</b> ( <i>Carduus nutans</i> ) Wiper*	4L	660ml	66ml	-	Wiper Application (see Application Instructions) Apply when actively growing when at least 10cm of the weed can be wiped. In heavy infestations a double pass is recommended.
<b>PASPALUM</b> ( <i>Paspalum dilatatum</i> )	2.7L-4L	660ml	66ml	200ml	Use the low rate from January to April (early seedhead) prior to frosts. Use 4 L/ha on vegetative plants.
<b>POTATO (SELF SET)</b> ( <i>Solanum tuberosum</i> )	2L	330ml	33ml	100ml	
<b>PRAIRIE GRASS</b> ( <i>Bromus willdenowii</i> )	1L	-	-	-	
<b>RAGWORT</b> ( <i>Scenecio jacobaea</i> ) Wiper*	4L	660ml	66ml	-	Apply when actively growing. Wiper - apply when plants are 10-15 cm 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.
<b>RATSTAIL</b> ( <i>Sporobolus africanus</i> )	3.3L	-	-	-	Apply to actively growing plants in Autumn.
<b>RAUTAH (CUTTY GRASS)</b> ( <i>Carex coriacea</i> )	4L	660ml	66ml	200ml	Apply to actively growing plants from January to March. Burning or slashing may take place from 30 days after treatment following brownout.
<b>RUSHES</b> ( <i>Juncus spp</i> ) Wiper*	4L	660ml	66ml	200ml	Wiper (Rushes only). Apply November to May.
<b>RYEGRASS PERENNIAL</b> ( <i>Lolium perenne</i> )	2.7L + Silken 100ml/100L	660ml + Silken 100ml/100L	66ml + Silken 10ml	-	Ensure plants are actively growing and have at least 5-10 cm of green leaf. Add Silken at all times.
<b>TALL FESCUE</b> ( <i>Festuca arundinacea</i> )	4L	660ml	66ml	200ml	Apply to actively growing plants January to March.
<b>YARROW</b> ( <i>Achillea millefolium</i> )	2L-4L	-	-	-	Apply to plants with 5-10cm of leaf. Cultivate with a minimum of 2 grubblings from 10 days after treatment. Use the 2L rate when a competitive crop to yarrow is to be drilled. Use the 4L rate when the crop to be drilled is a poor competitor.

Wiper\* See 'Application Instructions' for directions.

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