

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

# **KEN-TREL 750 SG**

**HERBICIDE**

**ACTIVE INGREDIENT: 750g/kg CLOPYRALID as the potassium salt in the form of a water soluble granule.**

**GROUP 4 HERBICIDE**

Controls a range of broadleaf weeds in amenity, non-crop areas, tree crops, certain arable crops, pastures, forests and conservation tillage.

Registered pursuant of ACVM Act 1997, No. P009427  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions  
Approved pursuant to HSNO Act 1996, Approval No. HSR101329  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions



**NET CONTENTS: 3 KG**

Registrant:  
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NZ Agent:  
**Kenso NZ Limited**  
2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand.  
Ph: 0800 536 766

# KEN-TREL 750 SG HERBICIDE

## PERSONNEL QUALIFICATIONS & 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.

## HAZARD CLASSIFICATION

Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 3

## ECOTOXIC

**Harmful to aquatic life with long lasting effects.** Do not contaminate an aquatic environment with chemical or empty container. Do not spray over, or allow drift over, an aquatic environment. Ken-Trel 750 SG Herbicide must not be applied over or into water.

**Harmful to terrestrial vertebrates.** Do not allow animals or birds access to the undiluted material or unused spray mix.

**SELECTIVE HERBICIDE - VERY TOXIC TO SOME PLANT SPECIES.** Some plants may be damaged or killed by contact with this product. Do not allow drift outside the target area. Decontaminate equipment before use on sensitive plants (see Application Methods section). Use only according to label directions.

- **Do NOT use for treating turf that will be mown and the clippings used for making compost; or made available for collection for, or deposited at, a municipal green waste recycling depot.**
- **Do NOT add treated plant material to compost heaps or use as mulch within 12 months of treatment.**
- **Do NOT use treated plant material to make mushroom substrate.**

## HANDLING PRECAUTIONS

### STORAGE

Store in original container tightly closed and in a locked, dry, well ventilated, cool area away from seeds, fertilisers and foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals. Do not store with Class 1, 2, 3.2, 4 or 5 substances.

Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Stores containing more than 100 kg of Ken-Trel 750 SG Herbicide (or substances of the same hazard class) require signage and more than 1000kg require secondary containment. See the Hazardous Substances Emergency Management and Identification Regulations and the New Zealand Standard for the Management of Agrichemicals (NZS 8409) for further information.

**Container disposal:** Ensure the container is empty. 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)) otherwise submit to local authority refuse/waste receipt facility. Dispose of product only by using according to the label, or at an appropriate hazardous substances disposal facility. Do not burn. DO NOT reuse this 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 splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

## 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 661164



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Date of Manufacture:

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### HAZARD CLASSIFICATION

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### RECORD KEEPING

Records of application, as described in the Hazardous Substances (Hazardous Property Controls) Notice 2017 and the New Zealand Standard for the Management of Agrichemicals (NZS8409), must be kept when 3 kg or more of this product is applied in any place, and where the substance is likely to enter air or water and leave that place.

### ECOTOXICITY

**Harmful to aquatic life with long lasting effects.** Do not contaminate an aquatic environment with chemical or empty container. Do not spray over, or allow drift over, an aquatic environment. Ken-Trel 750 SG Herbicide must not be applied over or into water.

**Harmful to terrestrial vertebrates.** Do not allow animals or birds access to the undiluted material or unused spray mix.

**SELECTIVE HERBICIDE - VERY TOXIC TO SOME PLANT SPECIES.** Some plants may be damaged or killed by contact with this product. Do not allow drift outside the target area. Decontaminate equipment before use on sensitive plants (see Application Methods section). Use only according to label directions.

- Do NOT use for treating turf that will be mown and the clippings used for making compost; or made available for collection for, or deposited at, a municipal green waste recycling depot.
- Do NOT add treated plant material to compost heaps or use as mulch within 12 months of treatment.
- Do NOT use treated plant material to make mushroom substrate.

### HANDLING PRECAUTIONS

**EQUIPMENT**  
Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).  
Flush equipment thoroughly with clean water after use according to Cleaning Spray Equipment instructions below. Dispose of cleaning water according to the Disposal instructions below.

### STORAGE

Store in original container tightly closed and in a locked, dry, well ventilated, cool area away from seeds, fertilisers and foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals. Do not store with Class 1, 2, 3.2, 4 or 5 substances. Storage must be generally in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Stores containing more than 100 kg of Ken-Trel 750 SG Herbicide (or substances of the same hazard class) require signage and more than 1000kg require secondary containment. See the Hazardous Substances Emergency Management and Identification Regulations and the New Zealand Standard for the Management of Agrichemicals (NZS 8409) for further information.

### ANIMAL SAFETY

Poisonous plants may become more palatable after spraying. If concerned that stock may be affected, stock should be kept away from the area until the plants have died down.

### PERSONAL PROTECTION

When opening the container, mixing and applying wear chemical resistant; coveralls buttoned to the neck and wrist (or equivalent clothing), elbow length chemical resistant gloves and a face shield or goggles and respiratory protection to a minimum of Organic Vapour standard. Wash hands after use. After each day's use wash gloves and contaminated clothing.

### SPILLAGE

Do not touch or walk through spilled material. Wear the protective equipment recommended above. Stop spillage when safe to do so. Prevent entry into waterways, and drains.  
Spills: Contain and sweep up spilled material. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal.

**Container disposal:** Ensure the container is empty. 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)) otherwise submit to local authority refuse/waste reception facility. Dispose of product only by using according to the label, or at an appropriate hazardous substances disposal facility. Do not burn. DO NOT reuse this container for any other purpose.

### TRANSPORT

No restriction on the volume that may be carried on a passenger service vehicle.

### 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 splashed in eyes, wash out immediately with water. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

### RESISTANCE MANAGEMENT GROUP 4 HERBICIDE

Ken-Trel 750 SG Herbicide is a pyridine carboxylic-acid herbicide (Group 4). Some naturally occurring individual weeds may become resistant when excessive use of the same herbicide occurs. To maximise the effectiveness of herbicides, product containing alternate modes of action should be used in the spray program. Consult <http://resistance.nzpps.org/> for alternate modes of action and the details of resistance management strategies (if any) for the crops listed on the label.

### APPLICATION METHODS

#### Application:

Ken-Trel 750 SG Herbicide should be applied using conventional ground or aircraft spraying equipment. Flush equipment thoroughly with clean water after use. Decontaminate before using on plants that are sensitive to Ken-Trel 750 SG Herbicide. Crops highly susceptible to Ken-Trel 750 SG Herbicide include, but are not limited to: clovers, fruit trees, legumes, ornamentals, potatoes, tomatoes, vegetables, and vine crops.

**Aerial spraying:** Use 200-400 L/ha water applied as a coarse quality spray as defined by British Crop Protection Council (BCPC) system or the American Society of Agricultural and Biological Engineers (ASABE S572). Apply with a calibrated aircraft using the half overlap opposite pass flying techniques.

**Boom spraying:** Use up to 300 L/ha water applied as a medium quality spray as defined by the BCPC system or the ASABE S572 standard.

**'Carpet' type weed wipers:** Follow the rotary weed wiper manufacturer's operating instructions to apply the herbicide mix. Ensure the wiper remains saturated while in use. Two passes in opposite directions are recommended. Drain and wash the wiper with water immediately after use.

**High Volume Gun Applications:** Ensure thorough coverage of all weeds using a No. 6 tip or similar at 1000-2000kPa.

**Mistblower:** Follow the manufacturer's instructions and ensure thorough coverage.

**Knapsack Applications:** When using a knapsack for broadcast application use at least 400L of spray mix/ha. For spot treatment ensure thorough coverage.

**IMPORTANT:** In order to select the appropriate nozzles for the required spray quality, and to operate the equipment to minimize spray drift, this product must be applied in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

### MIXING:

The following order should be followed:

1. Quarter fill the spray tank and commence agitation.
  2. Add any wettable powders or dry flowable formulations with continuous agitation. Ensure products are completely dissolved or suspended.
  3. Add accurately measured volume of Ken-Trel 750 SG Herbicide.
  4. Add water to half fill the spray tank.
  5. Add emulsifiable concentrates including selective grass herbicides or other broadleaf herbicides.
  6. Add water to three quarters fill the spray tank.
  7. If other adjuvants or a wetting agent are to be used, add these according to their label.
  8. Add water to bring to the final spray volume.
- Only mix sufficient spray solution for immediate use and avoid storing.

### BUFFER ZONES:

The person in charge of the application of this substance and any person applying this substance must ensure that the substance is not applied within a specified distance of an area containing non-target plants. For this substance the following buffer zones apply, according to the relevant application method, rate and scenario:

### SAFETY DATA SHEET

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Crops	Application method	Maximum application rate (g/ha)	Buffer zone to protect downwind non-target plants (metres)
Pasture	Aerial	60	40
Asparagus, cereals, beet and maize	Aerial	300	160
Forestry	Aerial	3000	500

### MAXIMUM APPLICATION RATE:

The maximum application rate for Ken-Trel 750 SG Herbicide is 1.25 kg/ha with a maximum of four applications per calendar year with a minimum of four weeks between applications, except when used on old man's beard or in forestry.

When used on old man's beard, Ken-Trel 750 SG Herbicide must be applied by spot treatment at the maximum application rate of 10 kg/ha with a maximum of four applications per calendar year with a minimum of eight weeks between applications.

When used in forestry, the maximum application rate for Ken-Trel 750 SG Herbicide is 4 kg/ha with a maximum of two applications per calendar year with a minimum of six months between applications.

**COMPATIBILITY:** Ken-Trel 750 SG Herbicide is compatible with most commonly used herbicides and cereal fungicides/ insecticides.

**RAINFASTNESS:** DO NOT spray Ken-Trel 750 SG Herbicide if rain or irrigation is likely within 3 hours.

### CLEANING SPRAY EQUIPMENT:

#### Rinsing

After using Ken-Trel 750 SG Herbicide:

- o Empty the spray tank completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain spray unit and clean any filters in the tank, pump, lines, hoses and nozzles.
- o After cleaning the spray unit as above, quarter fill with clean water and circulate the water through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.
- o Discard rinse water on land already sprayed or on wasteland away from desirable plants and water sources.

#### Decontamination

Before using equipment with other products or on plants sensitive to Ken-Trel 750 SG Herbicide:

- o Quarterly fill the tank and add a standard alkali based laundry detergent at 500g (or mL)/100L water and circulate throughout the entire system for at least 15 minutes. If using a concentrated laundry detergent use 250g (or mL)/100L water. Do not use chlorine based cleaners.
- o Drain the whole system. Remove filters and nozzles and clean them separately.
- o Finally, flush the system with clean water and allow to drain.

**Cleaning water should be discharged onto a designated disposal area, or onto unused land away from desirable plants and water sources.**

### CROP ESTABLISHMENT:

Brassicas, maize, cereal and ryegrass crops may be drilled any time after application of Ken-Trel 750 SG Herbicide.

### CAUTION:

Do not plant susceptible crops (clover, peas, beans, potatoes, tomatoes, carrots, cucurbits) within 12 weeks of applying up to 0.20 kg/ha of Ken-Trel 750 SG Herbicide. Where more than 0.20 kg/ha is applied, do not plant susceptible crops within 6 - 12 months of treatment without sowing a small area first to check soil residues.

### DIRECTIONS FOR USE:

#### GENERAL INFORMATION:

Ken-Trel 750 SG Herbicide is selective to a wide range of crops, but will damage legumes, including clovers and Compositae species (daisy family). At 40 gm/ha clovers in pasture may be severely suppressed for 2-6 months. Above 40 gm/ha, clovers may be removed from the sward.

**SPORTS GROUNDS, GOLF COURSES (and other non-residential amenity situations), and NON-CROP AREAS:**

WEEDS	RATE			COMMENTS
	BROADCAST g/ha	SPOT SPRAY		
		High Volume g/100 L	Knapsack g/10L	
Clover	280	28	6.8	Apply to actively growing plants.
Californian thistle	400	40	10	Apply from rosette to early flower. Retreatment may be required.
Bathurst burr, Daisy, Hawkesbeard, Hawkbit, Medics, Onehunga weed, Oxeye daisy, Narrow-leaved plantain, Thistles (annual and biennial).	400	40	10	Apply to actively growing plants.
Yarrow	400	40	10	Apply to actively growing foliage. Matted mature plants may need more than 1 application.
Catsear, Fireweed	600	60	14	Apply to actively growing plants.
Ragwort, Sow thistle, Lotus.	800	80	20	Apply to actively growing rosettes.
Cape daisy	400 - 800	80	20	Apply to actively growing rosettes. Use low rate on seedlings.
Hemlock, Lupin	Not recommended	40 80	10 20	Apply to actively growing plants.
Broom, Gorse	Not recommended	200	50	Apply to actively growing plants Oct-Jan. Add Silken Penetrant to improve weed control.
Old man's beard	4.8-10 kg/ha	200	50	

**CAUTION: DO NOT ADD TREATED PLANTS TO COMPOST HEAPS OR USE AS MULCH WITHIN 12 MONTHS OF TREATMENT.**

Situation	Rate g/ha	Comments
<b>SHELTER AND ORNAMENTAL</b>	400-800	Apply as a directed spray. Use rates as for amenity areas. Shelter trees such as conifers, willows, poplars, <i>Casuarina</i> , <i>Cryptomeria</i> and <i>Eucalyptus</i> are tolerant. Many other trees and shrubs are also tolerant. Consult your Kenso NZ Limited distributor for advice. If tolerance is not known, treat only a few plants to gain experience. Do not apply to legumes or <i>Compositae</i> .

**CROPS and PASTURES**

Situation	Rate g/ha	Comments
<b>ASPARAGUS:</b> (Established beds only). To control Californian thistle. Yarrow clover and thistles. <b>Pre-cutting:</b>	200-400	Apply up to 3 days before cutting.
<b>During cutting:</b>	200	Do not cut within 3 days of treatments.
<b>Post-harvest:</b>	200-400	Apply over spears. Use as a directed application if spears are opening or ferns are presents. <b>CAUTION:</b> Some damage may occur if treatment is made over open spears or mature fronds.
<b>BEETS: FODDER AND SUGAR BEETS</b> for the control of Californian thistle and yarrow.	200-400	Apply after the 2 true leaf stage of the crop and before bulbous root formation. Ken-Trel 570 SG Herbicide may be mixed with Fender 320 EC Herbicide.
<b>FIELD BRASSICAS</b> for the control of Californian and other thistles and yarrow.	200-400	Apply after the 2 true leaf stage of the crop and before it closes over.
<b>CEREALS:</b> For the control of Californian thistle and yarrow.	120-400	Apply after the 2 true leaf stage of the crop and before the 2 node stage. To improve the spectrum of weeds controlled, Ken-Trel 750 SG Herbicide may be tank mixed with other cereal herbicides, and should be applied at the timing recommended for these herbicides. <b>CAUTION:</b> Do not use straw from Ken-Trel 750 SG Herbicide treated crops for mushroom substrate, compost or mulch.
For control of volunteer potatoes	400	Apply after the 2 true leaf stage of crop and before the 2 nodes stage. For volunteer potatoes, apply after full potato emergence but before tuber formation.

Situation	Rate	Comments
<b>FORESTRY:</b> (Radiata pine)	4 kg/ha in mixture with Triclopyr 600 Herbicide at 1L /ha	Apply to release trees from gorse, broom and wattles. Add Silken Penetrant to improve weed control. See specific instruction for spot spraying in Application Methods above. Temporary light tree damage, in the form of distortion, may occur particularly where trees are well above competing weeds. To suppress weeds and allow the trees to compete, apply to gorse and broom after flowering and during soft spring growth. Beset results are obtained from treating gorse up to 1 metre high. For control of wattle, best results are achieved from treating actively growing plants less than two (2) metres tall. Good control of <i>Acacia dealbata</i> (silver wattle) and <i>Albizia lophantha</i> (brush wattle) is achieved. <i>Acacia decurrens</i> (green wattle) is NOT controlled.
	<b>Hand gun:</b>	Apply to full coverage through a No. 6-8 tip at 1000-2500 kPa. Add Silken Penetrant to improve weed control.
	<b>Mistblower:</b> 16 g/L or 80 g/L ULV	For ULV attachment use the No. 3 or 4 hole. Add Boost Penetrant to improve weed control.
<b>MAIZE AND SWEETCORN:</b> For the control of Californian thistle, yarrow and Bathurst burr. For control of volunteer potatoes.	200-400 g/ha 400 g/ha	Apply after the maize and sweetcorn reaches the 3 leaf expanded stage but before crop closure. For volunteer potatoes apply after full potato emergence but before tuber formation.
<b>ORCHARDS:</b> Pipfruit, stone fruit and citrus. For control of weeds listed in the amenity non-crop section.	See amenity section	Apply in the pre-flower or early post-flower period. Direct spray to minimise contact with trees.
<b>PASTURES:</b> Difficult to control thistles.	40-80 g/ha	Ken-Trel 750 SG Herbicide can be used in combination with other phenoxy and pyridine herbicides to enhance efficacy on difficult to control/resistant weed species in pasture. Add Ken-Trel 750 SG Herbicide to the normal rate of the mixing partner.
Californian thistle	100 g/10L in a carpet wiper.	Add double pass will give best results. Add Silken Penetrant to improve weed control.

**WITHHOLDING PERIODS**

No withholding period is required when used as directed, except for asparagus. Do not apply within 3 days of cutting asparagus (i.e. apply up to 3 days before cutting).

**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.**

**CONSERVATION TILLAGE:**

Ken-Trel 750 SG Herbicide controls a range of hard to control weeds such as clovers, Californian and other thistles, plantains and yarrow in conservation tillage programmes (minimum tillage or direct drilling).

WEEDS	RATE g/ha	COMMENTS
Clovers, narrow-leaved plantain, thistle	200-280	For best results apply to actively growing weeds.
Californian thistle	400	Apply from rosette to early flower. Retreatment may be required.
Yarrow	400	Apply to actively growing yarrow, autumn to spring. For best results surface cultivate no less than one week after treatment.

For broad spectrum weed control in conservation tillage programmes, Ken-Trel 750 SG Herbicide may be mixed with other herbicides such as glyphosate. Observe the directions and recommendations on the individual labels, when other products are tank mixed with Ken-Trel 750 SG Herbicide.