

WARNING

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

ZONATE 480 SL

HERBICIDE

ACTIVE INGREDIENT: 480 g/litre BENTAZONE present as sodium salt in the form of a soluble concentrate

GROUP

6

HERBICIDE

Selective broad leaf post-emergence herbicide for use on onions, cereals, clover and grass seed crops, pasture (grass/ clover), potatoes, soya beans, peas, lucerne and turf.



Registered pursuant to the ACVM Act 1997, No. P010237
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, Approval No. HSR000426
See www.epa.govt.nz for approval controls

NET CONTENTS: 10L

Registrant:
Kenso Corporation (M) Sdn Bhd
Lot 29, Jalan Sungai Pinang 5/4, Taman Perindustrian
Pulau Indah, 42920 Pelabuhan Klang, Selangor, Malaysia.

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

ZONATE 480 SL HERBICIDE

PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of a Certified Handler or 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

Acute oral toxicity Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Hazardous to the aquatic environment chronic Category 2, Hazardous to terrestrial vertebrates.

WARNING

May be harmful if swallowed, inhaled or in contact with the skin. May cause eye irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Harmful to terrestrial vertebrates.

HANDLING PRECAUTIONS

PERSONAL PROTECTION

Wear protective clothing including chemical resistant: coveralls, gloves, eye and face protection footwear and respiratory protection (organic vapour minimum specification) when handling concentrates, mixing or applying. Remove protective clothing and wash hands and face thoroughly before meals and after work. May be harmful if swallowed, inhaled or absorbed through skin. Avoid skin contact or inhalation. Avoid contact with the eyes.

STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, insecticide, fungicides and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals.

DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, submit empty containers to a local authority approved waste receipt facility. DO NOT reuse this container for any other purpose.

FIRST AID

IF SWALLOWED: DO NOT induce vomiting. Rinse mouth. IF ON SKIN: remove contaminated clothing and flush with soap and running water. IF irritation or rash occurs, get medical advice/ attention. IF INHALED: remove to fresh air and keep in a position comfortable for breathing. IF IN EYES: rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/ attention. Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately for advice.

SAFETY DATA SHEET

A Safety Data Sheet is available from Kenso NZ website 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



Batch No.:
Date of Manufacture:

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Kenso Corporation (M) Sdn Bhd
2 Bond Crescent, Forrest Hill,
Auckland 0620 New Zealand
Phone: 0800 536 766



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SPILLAGE

Wear protective clothing as specified above. Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material such as earth, clay or sand and place in sealable waste containers. Wash area with detergent and water and absorb with further inert material. Dispose of recovered product and contaminated material in an approved hazardous substances waste management facility or local authority transfer facility capable of hazardous waste disposal.

RESISTANCE MANAGEMENT **GROUP 6 HERBICIDE**

Zonate 480 SL Herbicide contains bentazone, a benzothiadiazinone herbicide with inhibition of photosynthesis at photosystem II mode of action, GROUP 6 HERBICIDE Weeds resistant to bentazone and other Group 6 herbicides could eventually dominate from excessive use of these herbicides. To minimise this risk, use strictly in accordance with label instructions. Zonate 480 SL Herbicide should be used in a programme that incorporates effective herbicide products with different modes of action. For further resistance management information refer to <https://resistance.nzpps.org>.

GENERAL INFORMATION

Zonate 480 SL Herbicide a selective contact herbicide that must be applied in sufficient water to ensure that all parts of the target weeds are thoroughly covered. Immature weeds (2 – 4 leaf) are more readily controlled than more mature plants. Zonate 480 SL Herbicide is especially effective against chamomiles, stinking mayweed, cleavers, storksbill and Onehunga weed. Other broadleaf weeds controlled include redroot (Prince of Wales feather), chickweed, black nightshade, spurrey, shepherds purse, thorn apple, and wild turnip. Zonate 480 SL Herbicide is not active in the soil, so weeds must have germinated before spraying (post emergence).

DIRECTION FOR USE**Restraint**

DO NOT apply if rain or frost is expected, or if the target foliage is wet.

Crop	Timing	Rate	Remarks
Cereals	After 4 true leaf.	2 litres/ha in 170 - 500 litres of water.	Apply in combination with Helion, dichlorprop or mecoprop, applied at label recommended rates. Zonate 480 SL Herbicide + Helion may be applied to crops undersown with clover.
Clover Seed Crops	In late winter early spring, when weeds are small.	2 - 3 litres/ha in a minimum of 500 litres of water.	1. Use high water rates and large droplets to ensure penetration into growth crown of the weeds. 2. Add a suitable non-ionic surfactant. 3. Paraquat, applied at label recommended rates at least two weeks before Zonate 480 SL treatment will improve results provided weeds are actively growing at the time of Zonate 480 SL Herbicide treatment. 4. Spraying during warm weather gives best results.
Dwarf Beans	When crop has 1 - 2 trifoliolate leaves and weeds are at cotyledon to 4 leaf stage.	1.5 - 3 litres/ha in 300 - 500 litres of water.	Some transient leaf scorch may occur, but yield is unlikely to be affected. Do NOT apply to crops before 1 trifoliolate (true) leaf stage and avoid hot conditions (above 21 °C). Use higher rates on more mature weeds. Add a suitable non-ionic surfactant to enhance activity on thorn apple and hairy nightshade.
Grass Seed Crops	When weeds are at a susceptible stage.	2 - 3 litres/ha in a minimum of 500 litres of water.	1. Ensure thorough coverage of weeds. 2. Add a suitable non-ionic surfactant. 3. Spraying during warm weather gives best results.
Lucerne	During Autumn.	1.5 litres plus 2 litres of 2,4-DB (40% ai) per ha or 4 litres/ha alone. Apply in 300 - 500 litres of water.	For control of nodding thistle and storksbill.
New Pasture (grass/ clover)	When clover has 1 - 2 trifoliolate (true) leaves and weeds are at 4 - 6 leaf stage	3 litres/ha in 300 - 500 litres of water.	Zonate 480 SL may be applied as a tank mix with MCPB at label recommended rates.
Onions	After onions have 3 leaves.	2 - 3 litres/ha in 350 - 550 litres of water.	Apply when weeds are still seedlings and onions are waxy and healthy. 1. Do NOT apply when soil is water logged. 2. Do NOT add surfactants. 3. Do NOT apply when onions are damaged by hail, frost, heavy rain, wind etc. 4. Do NOT apply other herbicides for 10 days before or after Zonate 480 SL Herbicide application.
Pasture (grass/ clover) infested with Giant Buttercup	Weeds at rosette to just before flower stalk elongation. End of August to mid-September in most regions.	750 ml - 1 litre/ha in 250 litres of water. 1 - 5 days after MCPA treatment.	Remove grazing stock and allow pasture (grass/clover) to freshen up (approx. 5 - 10 days). Apply a potassium salt formulation of MCPA (37.5% a.i.) at 4 litres/ha, then apply Zonate 480 SL Herbicide 1 - 5 days later. To allow full effect of treatment do NOT graze for 7 - 14 days. Retreatment in following seasons will be required to deplete seed bank in the soil. Zonate 480 SL Herbicide will control giant buttercup that is resistant to MCPA.
Peas	When crop has 1 - 2 trifoliolate leaves and weeds are at 4 leaf stage.	2 litres/ha plus Helion at 2.5 litres/ha. Apply in 300 - 500 litres of water/ha.	Suitable for use on undersown pea crops.
Potatoes	When cleavers are visible and prior to crop emergence.	2 - 3 litres/ha in 300 - 500 litres of water.	Application can be made as a tank mix with Metribuzin 750 WG Herbicide applied at label recommended rates.
Soya Beans	When crop has 1 - 2 trifoliolate (true) leaves, and weeds are at the cotyledon to 4 leaf stage.	2 - 3 litres/ha. Apply in 300 - 500 litres of water/hectare.	Use a preplant incorporated herbicide to control grass weeds. Some scorch of soya bean foliage may occur but symptoms will disappear and yields will not be affected.
Turf	October to early November	3 litres/ha in 300 - 500 litres of water. or 30 ml/100 square metres in 3 - 5 litres of water.	A second spray in the Autumn will reduce the problem for next season. In specialised equipment e.g. "Lawnboy".

WITHHOLDING PERIOD

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.

NOTE

- (1) Wetting agents should not be added unless specified.
- (2) At least 8 hours should elapse after application before rainfall or irrigation.
- (3) Use high water rates (minimum rates specified). Low volume CDA application techniques are not recommended.