

DANGER

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

KEN-AMINE 625

SELECTIVE HERBICIDE

ACTIVE INGREDIENT: 625 g/L 2,4-D as the dimethylamine and diethanolamine salts in the form of a soluble concentrate

GROUP 4 HERBICIDE

Non-volatile 2,4-D liquid for broadleaf weed control in cereals and pasture.

Registered pursuant to the ACVM Act 1997, No. P008709
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, Approval No. HSR101597
See www.epa.govt.nz for approval controls



NET CONTENTS: 20L

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

KEN-AMINE 625 SELECTIVE HERBICIDE

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.

HAZARD CLASSIFICATION

Acute oral toxicity Category 4, Eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity – repeated exposure Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates.

WARNING

Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye damage. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

ECOTOXIC

Toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container.

Selective herbicide – very toxic to some plant species.

Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Ensure compliance with relevant regional air management plans. To minimise the risk of damage from drift of this product, especially where susceptible vegetation is within 0.5km, use low drift nozzles which minimise the production of small droplets (less than 100 microns). The substance must be applied with minimum, coarse droplets for aerial application and medium droplets for boom application, as defined by the American Society of Agricultural and Biological Engineers ASABE Standard (S572) or the British Crop Production Council guideline. DO NOT apply when wind speeds are less than 3 km/h or more than 20 km/h as measured at the application site. Maintain a water rate of at least 30 litres/ha for aerial spraying. The use of a drift retardant adjuvant may also reduce spray drift potential. Preferred wind conditions for spraying are a light constant breeze away from any sensitive crops.

STORAGE

Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, seeds, and fertilisers. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100 litres of Ken-Amine 625 Selective Herbicide require signage and secondary containment, and more than 100 litres require emergency response plans.

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 receive facility. 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 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. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

SAFETY DATA SHEET

A Safety Data Sheet is available from the 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 Malaysia



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Batch No.:

Date of Manufacture:

UN NO: 3082

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID N.O.S.

(CONTAINS 2,4-D)

PACKING GROUP III

HAZCHEM 2X



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

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* Not a trademark of Kenso Corporation (M) Sdn Bhd.

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Shelf Life: 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.

HANDLING PRECAUTIONS

PERSONAL PROTECTION

Avoid contact with skin or eyes and inhalation of spray mist. When handling wear eye protection, chemical resistant gloves, boots and overalls. Wear respiratory protection to at least Organic Vapour Protection level if inhalation of mists or vapours is likely. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

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(CONTAINS 2,4-D)**

**PACKAGING GROUP III
HAZCHEM 2X**

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**For specialist advice in emergency only, call
0800 243 622 (24 hours).**

Spillage:

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

Transport:

Do not carry this product on a passenger service vehicle.

Mixing:

Pour the measured quantity of Ken-Amine 625 Selective Herbicide into the partially filled spray tank and with the agitator running top up with the remainder of the water. Keep agitated during use.

Cleaning:

Flush equipment thoroughly with clean water after use. Thoroughly decontaminate spray equipment before using on desirable crops that are sensitive to 2,4-D.

Decontamination:

After thoroughly washing the tank and flushing the system with clean water, quarter fill the tank, add 500g of an alkali detergent and circulate throughout the system for 15 minutes. Drain the system. Remove the filters and nozzles and clean them separately. Then flush the system with clean water and allow to drain.

Compatibility: Ken-Amine 625 Selective Herbicide is compatible with most other agricultural chemicals, including Ken-Met 600, Ken-Trel 750 SG, Kenstrike and most penetrant/ sticker/ wetter adjuvants.

EQUIPMENT

Apply using well maintained spray equipment that is accurately calibrated to apply 100-300 litres of water/ha for ground spraying and 30-100 litres of water/ha for aerial spraying. Use higher water rates for larger weeds.

GENERAL COMMENTS:

Ken-Amine 625 Selective Herbicide is damaging to clovers, especially red, suckling and subterranean clover, and plantain and chicory. To minimize clover damage where clovers are actively growing, hard graze to remove as much clover leaf as possible then leave for a few days to freshen up before spraying. Do NOT spray hay or silage paddocks.

After spraying with Ken-Amine 625 Selective Herbicide, poisonous plants (eg Ragwort) may become more palatable. Stock should be kept away from the area until the plants have died down.

Ken-Amine 625 Selective Herbicide will control a wide range of pasture weeds, including thistles and ragwort. Weeds are best controlled as small seedlings. Use the lower rate on seedlings and the higher rate on larger weeds, or during periods of hardened growth. Do not apply if crop or weeds are stressed. Weed control may be unsatisfactory where low soil temperatures inhibit plant growth. Larger plants and established biennials are often not well controlled, and perennial plants are not well controlled. Buttercups and thistles are generally better controlled with MCPA 750. Some weeds (eg Californian thistle, bindweed) require repeat applications.

Rainfall within 6 hours of application may reduce effectiveness.

To improve control of large thistles, or phenoxy resistant thistles add Ken-Trel 750 SG at recommended label rates. Ken-Trel 750 SG will severely suppress clover growth and clovers may take 6-12 months to recover.

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.

Direction for use

Crop	Rate L/ha	Note
Wheat Barley Millet Ryecorn	1.3-2.0	Apply from 6 leaf stage to jointing (when nodes are visible at the base of the stem). Do not apply to wheat or barley between jointing and flowering. Rapidly growing spring sown cereals should be treated with MCPA 750. Critical comment: Application to crops outside recommended growth stages or crops stressed due to insect damage or moisture stress may cause serious injury including yield loss. Inspect crops before application to check condition and growth stage.
Oats	1.3	Use only on autumn sown oats and treat in the following spring when plants are fully tillered. Use MCPA 750 on spring sown oats.
Pasture (grass/ clover)	2-4	Use 2L/ha for seedlings and small plants and 4L/ha for more mature plants. Treat seedling weeds in late autumn/early winter. Graze area to be treated to expose weeds and reduce clover leaf. Then leave for one week to freshen up before spraying. As treated weeds are more palatable to stock, avoid grazing for 7 days after spraying.

Weeds Controlled in Cereals:

At 1.3L/ha – fathen, hedge mustard, nettles, shepherd's purse, wild turnip.

At 2L/ha – black nightshade, calandrinia, docks (seedlings), thistles.

Suppressed at 2L/ha – chamomiles, cornbind, regrowth docks, fumitory, spurrey, stinking mayweed, willow weed, wireweed, yarrow, vetch. For best results use an alternative cereal herbicide.

RESISTANCE MANAGEMENT**GROUP 4 HERBICIDE**

Ken-Amine 625 Selective Herbicide is a phenoxy carboxylic acid chemical group (Group 4) with the action like indole acetic acid (synthetic auxins) mode of action. Some naturally occurring individual weeds may become resistant when excessive use of the same herbicide occurs. To maximize the effectiveness of herbicides, products 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.

WEED	RATE L/ha	STAGE	NOTES
Apple of Peru	2.56	Spray young plants	Only susceptible when young.
Bathurst Burr	1.92-2.56	Seedlings only	
Black nightshade	1.92-2.56	Seedlings	
Bur medick	1.28-1.92	Seedlings	
	1.92-2.56	Small rosettes	
Californian thistle	1.92-2.56	Hard ball stage	Do not spray hay or silage paddocks. Graze paddocks before application to remove clover foliage. Some clover suppression may occur. Repeat applications will be required to achieve good levels of control.
Catsear	1.28-1.92	Seedlings	
	1.92-2.56	Small rosettes	
Charlock	1.92	Rosettes stage	
Cresses	1.28-1.92	Seedlings	
	1.92-2.56	Small rosettes	
Dandelion	1.28-1.92	Seedlings	
	1.92-2.56	Small rosettes	
Docks	3.2	2-4 leaf seedlings only	Will not control regrowth from root chips.
Fathen	1.28-2.56	Spray pre flowering	
Hedge mustard	1.28-1.92	Seedlings	
	1.92-2.56	Small rosettes	
Hemlock	2.56-3.84	Seedlings / young rosettes	Multi crown or 2 nd year plants will not be controlled (toxic to stock).
Mustards	1.28-3.2	2-4 leaf up to rosette	
Nettles	1.92-3.2	Seedlings – young plants	Graze to expose weeds and reduce clover.
Nodding thistle	2.56	Seedlings	Root crown less than 2cm.
	3.2-3.84	Rosettes	Root crowns 2-4cm, before flower stalk develops.
Parsley dropwort	3.2	Seedlings	
Pennyroyal	1.92-2.56	Prior to flowering	Apply in spring after seedling germination.
Plantains	2.56-3.2	Seedlings to small rosettes	
Ragwort	2.56-3.84	Seedlings / small rosettes	Large rosettes or multi-crowns require spot treatment with other herbicides.
Redroot	1.28-1.92	Seedlings	
	1.92-2.56	Small rosettes	
Scotch thistle	1.28-1.92	Seedlings	
	1.92-2.56	Rosettes	
Shepherd's purse	1.28-2.56	Seedlings / small rosettes	
Storksbill	1.92-2.56	Seedlings	Graze to expose weeds and reduce clover.
	2.56-3.84	Rosettes	Well established plants may only be checked.
Thornapple	3.84	Seedlings only	Established plants are not well controlled.
Variegated thistle	1.92-2.56	Seedlings	
	2.56-3.84	Rosettes	Less than 15cm diameter.
Vetch	1.92	Spray at multiple leaf stage	
Wild carrot	3.2	Seedlings	
Wild raddish	1.92-3.2	Seedlings to young rosettes stage	
Wild turnip	1.92	2-4 leaf up to rosette stage	
Willow weed	2.56-3.84	Seedlings	Established plants are not well controlled.
Winged thistle	2.56	Seedlings	
	3.2-3.84	rosettes	Prior to flower stalk development.

Plant Back Periods: 2,4-D has soil activity which may be exacerbated by dry soil conditions. To ensure that susceptible species (e.g. brassicas, grasses, clovers) are not damaged by 2,4-D soil residues, do not plant for 4 weeks after application.

Aerial Application: Read Spray Drift Hazard section of this label.

High Volume Spot Treatment: Use 650ml/100 litres water with a pressure of 600-800kPa and a No. 4 tip and apply as a fine wetting spray. Spray marker dye can be used to identify treated plants.

Knapsack: Use 65ml/10 litres water