

COMBUSTIBLE LIQUID • TOXIC • ECOTOXIC

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

KENSBAN 500

INSECTICIDE

ACTIVE INGREDIENT: 500 g/litre CHLORPYRIFOS in the form of an emulsifiable concentrate.

Broad spectrum insecticide for the control of insect pests in agricultural and horticultural crops.

Registered pursuant of ACVM Act 1997, Approval No. P9013
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to HSNO Act 1996, Approval No. HSR000224
See www.epa.govt.nz for approval conditions

NET CONTENTS: 20L

KENSBAN 500 INSECTICIDE

This product must be under the personal control of an approved handler or a commercial contractor.

HSNO classification: 3.1D, 6.1C, 6.3B, 6.4A, 6.9A, 9.1A, 9.2B, 9.3A, 9.4A

FLAMMABILITY

COMBUSTIBLE LIQUID. Do not store or use near heat or naked flame. Will burn if ignited.

TOXICITY

This substance may be harmful if swallowed, or absorbed through the skin. Repeated minor exposures may have cumulative effects. Do not inhale the vapour or spray mist. Do not eat, drink or smoke while using. Remove protective clothing immediately after handling this product and wash hands and face before meals and after work.

May cause skin and eye irritation. Avoid contact with eyes and skin.

ECOTOXIC

Very toxic to fish and aquatic organisms with long lasting effects. Do not contaminate an aquatic environment with chemical or empty container. Do not spray over or allow to drift over, an aquatic environment.

Harmful to the soil environment. Do not allow drift outside the target area to occur.

Very toxic to terrestrial vertebrates such as birds and reptiles. Store chemical and empty containers away from animals and birds.

Very toxic to terrestrial invertebrates. Do not spray over bees or apply to plants in flower. Do not spray over beneficial predators.

HANDLING PRECAUTIONS

STORAGE

Do not store near heat or flame. Store in original container, tightly closed, in a locked, dry, cool area, away from sources of ignition and animal and human foodstuffs and animal remedies. Store in accordance with NZS 8409 Management of Agrichemicals. Do not store with Class 1, 2, 3.2, 4 or 5 substances. Stores containing 100 litres of Kensban 500 Insecticide require signage and secondary containment, and more than 100 litres require emergency response plans.

PERSONAL PROTECTION

When mixing or applying wear face/eye protection, chemical resistant gloves made of solvent resistant materials such as nitrile or supported PVA, chemical resistant boots, chemical resistant coveralls. Use respiratory protection as specified in NZS 8409; Management of Agrichemicals where inhalation of sprays mists and vapours will, or is likely to, occur. Thoroughly wash/decontaminate protective clothing after use. Wash splashes of concentrate from skin or eyes immediately.

DISPOSAL

Triple rinse empty container and add residue to spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise, crush and bury in a suitable landfill. Dispose of product only by using according to the label, or at an appropriate landfill.

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



9 421028 660426



Batch No.:

Date of Manufacture:

UN NO: 3018

ORGANOPHOSPHORUS PESTICIDE,
LIQUID, TOXIC (CHLORPYRIFOS, 50%)

HAZARD CLASS 6.1

PACKING GROUP III, HAZCHEM 2X



In a transport emergency dial 111,
Police or Fire Service.

For specialist advice in emergency only,
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Kenso Corporation (M) Sdn Bhd
49B, Apollo Drive
Rosedale, Auckland 0632 NZ
Phone: (09) 410 0861

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

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RECORD KEEPING

Records of use as described in NZS 8409 Management of
Agrichemicals, must be kept whenever Kensban 500 Insecticide is
used.

TRACKING

Location and movement of this product must be recorded at each
stage of its life cycle. This product must not be used for any
purpose, or in any manner, contrary to this label unless authorized
under appropriate legislation.

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EQUIPMENT

Apply using accurately calibrated and well 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 instruc-
tions below.

SPILLS

- Keep people away.
- Extinguish all ignition sources of ignition. Do not touch or walk through spilled material. Wear full personal protective equipment as specified above in “Personal Protection”.
- Stop leak when safe to do so. Dike area and prevent entry into waterways, and drains or coming into contact with HSN0 Class 1, 2, 3.2, 4 or 5 substances.
- Absorb spillage with material such as clay based absorbents or soil, and dispose of safely. Highly alkaline materials offer the added advantage of inactivating the active ingredient on contact.
- Absorb up contaminated material and place in drums for disposal in accordance with the requirements of NZS8409 and in a manner acceptable to the local authorities. For major spillages, inform the Fire Service immediately, and then local health protection officers at your District Health Board or hospital.

RE-ENTRY

Do not allow entry into treated areas until the spray deposit has dried unless wearing the Personal Protection Equipment recommended in the Handling Precautions.

MIXING

Pour the correct amount of Kensban 500 Insecticide into the partly filled spray tank. Agitate and add the remainder of the water.

CLEANING SPRAY EQUIPMENT

After using Kensban 500 Insecticide:

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

APPLICATION METHODS

The following application situations must use spray equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409).

Good coverage is essential to ensure adequate control.

For tree and vine crops use:

- A sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed; or
- A sprayer designed and set up for concentrate spraying (that is a sprayer which applied water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.

For field and pasture crops use:

Ground Boom: Use 50-200 litres water per hectare as a fine to medium quality spray as defined by the British Crop Protection Council System or the American Society of Agricultural Biological Engineers (S572).

Compatibility: Kensban 500 Insecticide is compatible with most commonly used pesticides. It is not compatible with highly alkaline materials such as Bordeaux mixture and lime sulphur, or foliar fertilisers.

In kiwifruit, do not mix with other pesticides, wetting agents or other additives growth promotants.

RAINFASTNESS

Rainfall within 3 hours of application may reduce the effectiveness of Kensban 500 Insecticide.

RESISTANCE MANAGEMENT

Kensban 500 Insecticide is an organophosphate insecticide (Group 1). Some naturally occurring individual insects may become resistant when excessive use of the same insecticide occurs. To minimise the risk use strictly in accordance with label instructions and recognised insecticide resistance management strategies. To maximise the effectiveness of insecticides, products containing alternate mode of action should be used in the spray program.

WITHHOLDING PERIOD

Avocado and grapes - 14 days

Cereals for grain - 8 weeks

Kiwifruit - Do not apply after bud cracking (first visible petals)

Onions - 7 days

Pasture and Fodder crops - 7 days

Pipfruit - Do not apply after tight cluster

Stonefruit - Do not apply after petal fall

Squash - 10 days

DIRECTIONS FOR USE

Kensban 500 Insecticide controls many sucking and chewing insects in fruit crops, vine crops, field crops and pasture.

CROP	Pest	RATE	COMMENTS
A) FRUIT AND VINE CROPS			
The Rates Suggested Are For High Volume Spraying To Run-Off. For Concentrate Spraying, Adjust Dilution Rate Accordingly.			
Avocado	Leaf Roller Caterpillar	50-75mL/ 100L of water or 1.7L/ha	Apply pre-blossom, at complete petal fall and then repeat at 21 day intervals to the end of April. Continue applications if leaf rollers are still present. Use the 1.7L/ha rate for aerial applications.
Kiwifruit	Greedy Scale, Leaf Roller, Passion Vine Hopper	50mL/ 100L of water Apply not less than 1L/ha	Apply at green tip at least 10 days after dormant lime sulphur application. Repeat at pre-blossom, 7 days prior to the introduction of bees. For greedy scale control, complete wetting of vine trunks, leaders and canes is required. The addition of a non-ionic wetting agent is recommended. Do not apply after bud cracking (first visible petals).
Grapes (except table grapes)	Leaf Roller Caterpillar, Mealy Bug, Aphids, Scale Crawlers, Thrips and Grapevine Weevil	50-75mL/ 100L of water or 1L/ha	Apply at bud swell combination with an intermediate oil. Follow up with treatments at pre-flowering, post-flowering, 14 days later and then at 3 week intervals for the remainder of the season. Ensure complete plant coverage and penetration into bunches for optimum control of mealy bug.
Pipfruit and stonefruit	Mealy Bug, Scale Crawlers, Woolly Aphid, Leaf Roller and Brown Beetle	80mL/ 100L of water or not less than 2.4L/ha on mature trees. Ensure complete coverage.	For pipfruit , apply at bud movement with a suitable spraying oil and repeat at 10-14days later at tight cluster without oil. Do not apply after petal fall. For stonefruit , apply at early bud movement with a suitable spraying oil. Do not apply after petal fall.
B) FIELD CROPS AND PASTURE			
Use Higher Volumes When Crops Are Dense Or When Insect Populations Are High.			
Brassicas and forage crops	Aphids	300-400mL in 100-200L of water/ha	Apply at the first sign of infestation.
	Wheat Bug (Nysius)	1.25L in 100-200L of water/ha	Apply to seedling brassica as soon as damage is evident or when nymphs can be seen feeding on seedlings.
	Springtails	200mL in 100-200L of water/ha	Apply 1-2 days before crop emergence or as soon as damage is evident in emerged crop.
Cereals	Cereal, Rose and Grain Aphid	300-400mL/ha	Apply at first sign of infestation. Use the higher rate when infestation pressure is high or the crop is dense.
Cereals and ryegrass	Argentine Stem Weevil	1.25L in 100-200L of water/ha	Apply as soon as eggs are found on the lower leaf sheaf.
Lucerne	Aphids	300-450mL in 100-200L of water/ha	Apply at first sign of infestation. Use the lower rate on short crops with little foliage and the higher rate on tall leafy crops close to cutting. Do not spray plants in flower.
	Sitona Weevil	600-800mL in 100-200L of water/ha	Apply between May and early August with the optimum time being during the last weeks of May. Use the higher rates on dense leafy crops.
Maize	Army Caterpillar, Corn Earworm	500mL in 50-200L of water/ha	Apply at the first sign of damage and repeat if required 14-21 days later. For Corn Earworm, apply before caterpillars are observed and before cob penetration occurs.
	Cutworm	600mL in 50-200L of water/ha	Ensure complete coverage of seedlings and surrounding soil. Apply early post-emergence or as soon as damage occurs. Application in the late evening is advantageous against this nocturnal pest.
Onions	Onion Thrips	1L in 400-500L of water/ha. The use of a wetting agent is recommended.	Apply when monitoring shows numbers exceed recommended action threshold level. Apply 3-4 applications at 10-14 day intervals, close intervals to 5-7 days during hot conditions. If further treatment is required, use an insecticide with a different mode of action.
Pasture	Lucerne Flea (Clover Flea)	200mL in 50-200 of water/ha	Apply in the late autumn / early winter at the first sign of clover damage.
	Porina Caterpillar	1.25-1.7L in 50-200L of water/ha	Apply to closely grazed pasture at the first sign of infestation. Use the lower rate in the pre-frost period when caterpillars are small.
	Army Caterpillar	400mL in 50-200L of water/ha	Apply at the first sign of damage.
	Tasmanian Grass Grub	1.25-1.5L in 100-200L of water/ha	Apply between April and June to short dry pasture at the first sign of pasture damage. Harrowing of dung patches is recommended prior to spraying to expose the larvae. Use the higher rate when populations are high.
	Argentine Stem Weevil	1.25L in 100-200L of water/ha	Apply as soon as eggs are found on the lower leaf sheaf.
Squash	Caterpillars and Aphids	500mL in approximately 200L of water/ha	Apply soon after emergence, at the first sign of insect presence or their damage. Pre-harvest clean up – apply by air at 500mL/ha in 50L of water (500L ground spray) only after flowering is complete and bees have stopped working.
Industrial pests	Spiders, Ants and Slaters	120mL in 10L of water or deodorised kerosene	Apply to areas around doors, windows, eaves and other resting areas. Retreat as required.

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

It is an offence to use this product on animals.