

**HARMFUL, ECOTOXIC**  
**KEEP OUT OF REACH OF CHILDREN**

**Pylon<sup>®</sup>**

180126

## **NATURAL INSECTICIDE**

Contains: 28 g/litre pyrethrins in the form of an oil in water emulsifiable concentrate

**For insect control in various horticultural crops,  
urban and industrial premises**

**READ ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE****HAZARD CLASSIFICATION:** 6.3B, 6.5A, 6.5B, 6.8C, 6.9B, 9.1A, 9.3C, 9.4A

The maximum application rate of this product is 56 gai/ha (2L/ha) with a maximum of five applications per season.

**APPROVED HANDLER:** This product must be under the control of an Approved Handler when applied in a wide dispersive manner or by a commercial contractor.**RECORD KEEPING:** Records of use must be kept under certain circumstances. See SDS for details.**WARNING:** May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation, avoid contact with the eyes. May cause skin irritation and skin sensitization, avoid contact with the skin. May cause organ damage from repeated oral exposure at high doses. May cause harm to breast-fed children.**DANGER:** May cause allergy or asthma symptoms or breathing difficulties if inhaled, avoid inhalation of vapours or mist.**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 spilled on the skin, remove contaminated clothing and wash affected areas of skin. DO NOT SCRUB THE SKIN. If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Seek medical attention.**PERSONAL PROTECTION:** When handling, wear chemical resistant gloves, eye protection, overalls and boots. DO NOT eat, drink or smoke while using. Wash thoroughly after use and before eating.**ECOTOXIC:** Very toxic to aquatic life. Do not apply onto or into water and avoid contamination of any water supply with chemical or empty container. Very toxic to terrestrial invertebrates. Harmful to terrestrial vertebrates.**BEES:** Toxic to bees. Spray must not contact plants in flower if they are likely to be visited by bees.**STORAGE:** Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children. Diluted spray solutions must be used on the same day they were mixed.**DISPOSAL:** Triple rinse containers and add the residue to the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in an approved landfill.

Dispose of product only by using according to the label, or at an approved disposal facility.

**SAFETY DATA SHEET:** Additional information is listed in the Safety Data Sheet available from Lonza NZ Limited or www.lonza.co.nz**Approved pursuant to the HSNO Act 1996, No: HSR100392.** See www.epa.govt.nz for approval conditions.**Registered pursuant to the ACVM Act 1997, No: P009543.** See www.foodsafety.govt.nz for registration conditions.**GENERAL INFORMATION:** Pylon is a fast acting natural insecticide. It controls a range of insect pests by contact action on fruit, vegetable, and ornamental crops. Also for use in industrial and urban pest control.**It is an offence to use this product on animals.****DIRECTIONS FOR USE – Fruit, Vegetables and Ornamentals:**

Start spraying when insects first appear and do not wait till plants become heavily infested. Repeat applications as required to maintain control. For general insect control use 1.2 litres/ha to provide knockdown and kill. Consider increasing the rate under high insect populations or when treating insects with hard exoskeletons, e.g. bronze beetle and grass grub beetle adults.

CROP	PEST	RATE (per 100 litres)	CRITICAL COMMENTS
Avocados	Greenhouse thrips	50 ml	Monitor pest presence every two weeks from January to April and spray when first observed on fruit. Make two applications two to three weeks apart. Ensure all surfaces are covered but do not over-wet.
Citrus	Greenhouse thrips	50 ml	Monitor pest presence every two weeks from January to April and spray when first observed on fruit.
Kiwifruit	Passion vine hopper, aphids and thrips	50 - 250 ml	Monitor pest presence and spray when hoppers are first observed. Ensure all surfaces are covered but do not over-wet. Use the high rate under extreme pest pressure or when coverage is difficult due to full canopy. Apply early evening to dusk when the passion vine hopper is less mobile due to cooler temperatures. Repeat application as necessary at 10 to 14 day intervals.
Vegetables and ornamentals	Thrips, whitefly, caterpillars	50 ml	Monitor pest presence and spray when first observed. Repeat applications as necessary at 7 to 14 day intervals. Use with caution on young plants and new growth.
	Aphids, earwigs, pear slug	250 ml	For brassica crops follow current resistance management practices as for synthetic pyrethroids.
Apricots, peaches	NZ flower thrips	50 - 100 ml (1 to 2 litres/ha)	Ensure all surfaces are covered but do not over-wet. Dilute water rates are recommended to gain maximum control in stem and crevice areas. Best applied in the evening or early morning to prolong activity. Use the high rate under high pest pressure or when coverage is difficult due to full canopy. Apply 2 to 3 applications before harvest at 3 to 7 day intervals. In order to achieve optimum crop hygiene, application should be 1 day prior to each selective pick.
Grapes	Bronze beetle, grass grub beetle adults	500 ml	Monitor flights and leaf damage and spray as necessary. Ensure all surfaces are covered with 300 litres water per hectare but do not over-wet. Apply at dusk or early evening when beetle flights begin in the spring. A repeat application may be necessary.

Piperonyl butoxide (PBO) should be added to Pylon under conditions of heavy insect pressure, or where resistance is suspected or when controlling insects with hard exoskeletons, e.g. bronze beetle and grass grub beetle adults. Use at a mix ratio of 2 parts Pylon to 1 part PBO.

**MIXING:** Add Pylon to water at the recommended rate and mix well before spraying. Maintain agitation or agitate frequently while spraying. Use diluted spray mixtures within 24 hours.**APPLICATION:** To ensure good control apply using correctly calibrated equipment that achieves complete coverage of the target area and spray to the point of runoff. Do not apply in direct sunlight or when temperatures exceed 32°C. Preferably apply just before dusk or early morning avoiding strong sunlight conditions. Use with caution on young plants and on new growth as crop damage may result. When first using Pylon always treat a few plants of each species to ensure crop safety before treating large areas.**COMPATIBILITY:** Do not mix with lime sulphur, Bordeaux mixture or any other alkaline materials.**RESISTANCE MANAGEMENT:** **GROUP 3 INSECTICIDE** Pylon contains a pyrethroid insecticide with the sodium channel modulation mode of action. Individual members of a pest population could be resistant to this and other group 3 insecticides due to natural genetic variation. To minimise the risk of these resistant pests dominating the population use Pylon strictly in accordance with label instructions and resistance management strategies that exist for any insect pests listed on this label. Avoid using group 3 insecticides exclusively all season and avoid unnecessary spraying. Maintain good cultural control practices. See www.nzpps.org for more information.**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.****WITHHOLDING PERIOD:** 1 Day**DIRECTIONS FOR USE- Urban and Industrial Pest Control:**

To control flying and crawling insects in dairy food preparation areas, meatpacking, pack houses, animal slaughtering premises, factories and houses. Includes NZSFA approved Type A (all animal products except dairy). AsureQuality approved 25/12/05 Category A (Dairy) refer to approval for conditions of use.

**Surface spraying using a backpack sprayer, ULV mister (cold fogger) or motorised knapsack.**

Mix 25 ml per 10 litres of water. Apply to areas harbouring insects and to surfaces where insects are crawling.

**Space spraying using ULV mister (cold fogger) or motorized knapsack.**

Apply 100 ml/1000 cubic meters mixed in sufficient water to obtain coverage using at least two litres of mixture per 1000 cubic meters.

**Space spraying using thermal fogging with fogging agent.**

Mix 100 ml with 200 ml fogging agent and apply to use at least 200 ml of mixture per 1000 cubic meters.

**Outdoor use for short term control of mosquitos and flies.**

Using ULV mister or cold fogging application equipment, apply 500 ml per ha in sufficient water to get coverage. Usual rate for ULV equipment is 30 to 50 litres water per ha.

Using thermal fogging equipment mix 150 ml with 200 ml fogging agent in 500 ml water and apply 3.5 litres of this mixture per ha.

Piperonyl butoxide (PBO) may be added as per the crop use. Ensure approval is obtained for use in warehouses containing stored food produce that MRLs remain valid before PBO is added and applied.

**NOTICE TO BUYER:** The manufacturer and vendors of Pylon warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.**REGISTERED TO: Lonza NZ Limited, Hudson Road, New Plymouth, NZ.**

Tel: 06 755-9234 Fax: 06 755-1174

**EMERGENCY PHONE: 0800 CHEMCALL 0800 243 6225**