

**DANGER**

**KEEP OUT OF REACH OF CHILDREN**

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

**Pylon<sup>®</sup>**

211214

## **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**


**NET CONTENTS: 5 LITRES**

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Approved pursuant to the HSNO Act 1996, No: HSR100392. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P009543. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

**arxada**

	<b>GHS CLASSIFICATION</b> Respiratory sensitisation Cat. 1  Skin sensitisation Cat. 1 Specific target organ toxicity (repeated exposure) Cat. 2  Hazardous to terrestrial invertebrates Hazardous to the aquatic environment acute & chronic Cat. 1	<b>HAZARD STATEMENT</b> May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure  Hazardous to terrestrial vertebrates. Very toxic to aquatic life with long lasting effects.
	<b>FIRST AID:</b> IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician/first aider. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell. <b>PERSONAL PROTECTION:</b> Do not breathe mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. [In case of inadequate ventilation] wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. <b>STORAGE:</b> Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals. <b>DISPOSAL:</b> Avoid contamination of any water supply with product or empty container. Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility. <b>SPILLAGE:</b> Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill. <b>SAFETY DATA SHEET:</b> Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or <a href="http://www.arxada.co.nz">www.arxada.co.nz</a> <b>QUALIFICATION REQUIREMENTS:</b> Persons mixing, loading, applying, or otherwise handling Pylon must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017. <b>HSNO ADDITIONAL CONTROLS:</b> The maximum application rate of this product is 56 gai/ha (2 L/ha) with a maximum of five applications per season.	

**READ ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE**

**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. Do not add PBO (piperonyl butoxide) to Pylon for kiwifruit.
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. Mix at a ratio of 2 parts Pylon to 1 part PBO (when using a 200 g/L PBO liquid - adjust ratio accordingly for other PBO concentrations). PBO use is restricted for certain export markets. Confirm with fruit or vegetable exporter whether PBO may be used.

**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](http://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 motorised 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:** Arxada NZ Limited, Hudson Road, New Plymouth, NZ.

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

**EMERGENCY PHONE: 0800 CHEMCALL 0800 243 622**

BATCH NO:  
  
D.O.M:

