

**Danger**  
**Keep Out Of Reach of Children**

**NB: Read the directions and information on the label before using**

## **AGPRO Lambda Cyhalothrin**

<b>Group</b>	<b>3</b>	<b>Insecticide</b>
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Contains 250 g/L lambda-cyhalothrin in the form of a suspension concentrate.

AGPRO Lambda Cyhalothrin is a insecticide for the control of various chewing and sucking insect pests in Cereals, Citrus, Grapes, Vegetable and Forage brassicas, Tomatoes, Beans, Onions, Potatoes, Maize, Sweetcorn and Clover seed crops.

Registered pursuant to the ACVM Act 1997, No. P8672

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved pursuant to HSNO Act 1996, No. HSR100578

See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

Date of Manufacture:

Batch Number:

Pack Size: 1 - 20 litres

Registered to and distributed by:

AGPRO NZ Ltd

10 Polaris Place

East Tamaki

P O Box 58-963

Auckland

Ph. 09 273 3456

Fax 09 273 3457

[www.agpro.co.nz](http://www.agpro.co.nz)



A handwritten signature in blue ink, appearing to be "John G. Smith", written over the bottom of the red stamp.

**HSNO Classifications: 6.1B, 6.1C, 6.1E, 6.3B, 6.4A, 6.9A, 9.1A, 9.3B, 9.4A**



**WARNING:**

Danger. May be fatal if inhaled.

Danger. Toxic if swallowed.

Warning. May be harmful in contact with skin.

Warning. May cause skin irritation.

Warning. May cause eye irritation.

Danger. May cause neurotoxicity and lung damage from repeated oral exposure at high doses.

Warning. Very toxic to the aquatic environment.

Toxic to terrestrial vertebrates.

Warning. Very toxic to terrestrial invertebrates.

**Approved Handler:** This product must be under the control of an approved handler during use.

**Tracking:** General tracking requirements apply.

**Record Keeping:** Records must be kept for 3 years.

**PRECAUTIONS:**

**Personal Protection**

Do not eat, drink or smoke whilst using.

Wear impermeable gloves, coat, hat and trousers during use. Use an air respirator with organic vapour canister or self contained breathing apparatus when exposure is likely.

Wear a face shield or goggles if eye contact is likely to occur.

Immediately after use or before any meal break, remove protective clothing and thoroughly wash hands and face.

Avoid skin and eye contact.

**Storage**

Store in original container tightly closed and in a locked dry, cool, well ventilated area away from foodstuffs. Under appropriate storage, the product shows no significant degradation within 2 years from the date of manufacture. Contact the supplier if product is older than 2 years.

**Spills**

Wear the above mentioned protective clothing when dealing with spills. Contain the spill and recover spilt product with sawdust or other inert absorbent material then place recovered material into properly labelled drum. Deal with spillages immediately and prevent contamination of watercourses, drains, streams, ponds. If this is likely to occur warn the local authorities immediately.



## **Disposal**

Dispose of product by following label directions or at an approved landfill. Avoid contamination of waterways with product or empty container.

## **Container Disposal**

Triple rinse container and add rinsate to spray tank. Burn rinsed container if circumstances, especially wind direction, are suitable. Otherwise bury in suitable landfill.

## **FIRST AID:**

Contact National Poisons and Hazardous Chemicals Information Centre ph 0800 764 766 (0800 POISON) or a doctor for medical advice.

If swallowed, wash out mouth with water. Do not induce vomiting. Give a glass of water.

Transport patient to doctor or hospital as quickly as possible.

If skin contact occurs, remove contaminated clothing and flush skin with soap and running water immediately. Wash contaminated clothing before re-use.

If eye contact occurs, wash out eyes with running water immediately.

If inhaled, move person to fresh air immediately. Maintain half upright position if breathing is difficult. Carry out artificial respiration if necessary.

## **GENERAL INFORMATION:**

AGPRO Lambda Cyhalothrin is a fast acting insecticide for the control of various chewing and sucking pests in a range of crops. AGPRO Lambda Cyhalothrin acts as a stomach and contact insecticide and is relatively stable to degradation on plant surfaces by sunlight. Thorough coverage of target plant surfaces assists with control. Soil persistence is short.

## **RESISTANCE MANAGEMENT**

AGPRO Lambda Cyhalothrin is a group 3 insecticide. Resistance to AGPRO Lambda Cyhalothrin and related synthetic pyrethroid (SP) products could develop from repeated use of the product. To minimise this risk, use strictly in accordance with label instructions. Avoid using this insecticide exclusively all season and avoid using unnecessarily. Maintain good cultural practices. Use individual crop resistance management strategies where applicable.

**Application:** Apply using conventional spray equipment ensuring thorough coverage of target plants. Apply the required rate of AGPRO Lambda Cyhalothrin in the amounts of water (specified for each crop). Add a non-ionic surfactant at label rates.

**Mixing:** Add the required quantity of AGPRO Lambda Cyhalothrin to a half filled spray tank the complete filling. Maintain agitation throughout filling and application.



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## DIRECTIONS FOR USE:

The rates suggested are for high volume application to the point of run-off. Adjust rates for concentrate spraying.

Crop	Pest	Rate	Remarks
Beans	Tomato fruitworm	40 mL/ha in a minimum of 500 litres water/ha	Apply when pest first appears and re-apply 2 to 3 weeks later if necessary.
Beans, Forage and Vegetable Brassica, Maize, Onions, Sweet corn Tomatoes	Cutworm	40 mL/ha in a minimum of 300 litres water/ha	Apply immediately when damage is found, preferably in the evening as a directed spray to thoroughly cover the base of the plants and surrounding soil.
Cereals	Cereal aphid Rose grain aphid	20 – 40 mL/ha in a minimum of 200 litres water/ha	Apply at first signs of aphid. Use the lower rate when aphid pressure is low and shorter residual activity is required. A second application may be needed if aphids continue to migrate into the crop. Ensure sufficient water volume is used to obtain thorough crop penetration and coverage.
Citrus	Fuller's rose weevil	300 mL/100 litres water as a directed trunk spray	Apply sufficient spray to form a complete band around the trunk from the base to 30 cm high, using up to 300 ml/trunk. Apply at monthly intervals, using directed spray equipment. Commence prior to adult weevil emergence from ground and continue over duration of pest activity, usually December to June unless otherwise ascertained by monitoring. Ensure trees are well skirted up and tree rows are free of weeds to assist in control.



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Crop	Pest	Rate	Remarks
Field tomatoes	Tomato fruitworm	40 mL/ha in a minimum of 1000 litres water/ha	Apply at 3 week intervals from transplanting or thinning.
Forage and Vegetable brassica	Diamondback moth and White butterfly caterpillars	40 mL/ha in a minimum of 700 litres water/ha	Apply to seedbeds and following transplanting at two week intervals or as indicated by pest activity.
Grapes	Thrip	4 ml/100 litres (DO NOT use less than 20 ml/ha)	Apply at early flowering. Apply in sufficient water to achieve good coverage of flower clusters.
	Bronze Beetle, Grass Grub Beetle	4 ml/100 litres (DO NOT use less than 40 ml/ha)	Apply at dusk, when beetle flights begin. Apply in sufficient water to obtain coverage. Repeat after 14 days if flights are still continuing.
Onions	Onion Thrip	40 ml/ha in a minimum of 500 litres of water/ha	Apply at first sighting of Onion Thrip and repeat as necessary.
Potatoes	Potato Tuber Moth	40 mL/ha in a minimum of 500 litres of water/ha	Apply at first sighting of moths then at 2 week intervals. Maintain adequate soil moisture and soil cover over developing tubers to assist prevention of tuber mining.
	Tomato/Potato Psyllid	100 mL ha in a minimum of 500 litres of water/ha	Apply at first sign of Psyllid then at 7 to 14 day intervals. Use the closer interval under high pressure. Ensure sufficient water volume is used to give thorough crop penetration and coverage.
Clover seed crops	Blue-Green Aphid, Potato Mirid, Thrip	40 ml/ha in a minimum of 200 litres of water/ha	Apply at first flower initiation, and repeat again 10 to 14 days later if required.



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**Compatibility:** AGPRO Lambda Cyhalothrin is compatible with most commonly used insecticides and fungicides. Do not mix with strongly alkaline materials such as Bordeaux mixtures.

**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.**

**It is an offence to use this product on animals.**

**Withholding Period:**

Beans, Field tomatoes, Vegetable brassicas	3 days
Onions, Potatoes	14 days
Cereals (forage)	28 days
Cereals (grain)	70 days
Citrus	Avoid contamination of fruit
Maize, Sweet corn	Seedlings only
Grapes	Do not use after capfall
Forage brassicas	Do not graze for 14 days
Clover seed crops	Do not graze for 70 days

**Pollinators.** When applied during non-foraging periods such as early morning or late evening, the application will not interfere with the activity of honey bees once the spray has dried, other than causing a short 2 – 3 day reduced foraging effect.

**CONDITIONS OF SUPPLY**

The use of AGPRO Lambda Cyhalothrin being beyond the control of the manufacturer, no warranty expressed or implied, beyond that cover under the Fair Trading Act is given by AGPRO NZ Limited regarding suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and AGPRO NZ Limited accepts no responsibility for any consequence whatsoever resulting from the use of this product.

