



DANGER
KEEP OUT OF REACH OF CHILDREN

Lavron[®] 50_{wc}

A synthetic pyrethroid insecticide for the control of foliar pests in beans, cereals, vegetable and forage brassicas, citrus, grapes, fodder beet, kumara, maize, sweetcorn, onions, potatoes, pumpkins, winter squash, tomatoes, ornamentals and amenity turf.

Active Ingredient: Contains 50g/kg lambda-cyhalothrin in the form of a water dispersible granule.

GROUP

3

INSECTICIDE

Registered pursuant to the ACVM Act 1997 No. P9512
See www.foodsafety.govt.nz for registration conditions.

In a transport emergency dial 111, Police or Fire Brigade.
For specialist advice in an emergency only call:
0800 734 607 (24 hours).



Net Contents: 2.5kg



WITHHOLDING PERIODS:

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.

Beans: 3 days

Citrus: Avoid contamination of fruit

Cereals (grain): 70 days

Cereals (Barley and wheat forage): 28 days

Field Tomatoes: 3 days

Forage Brassicas: DO NOT allow stock to graze within 14 days of last application

Grapes: DO NOT use after capfall

Kumara: 14 days

Maize, Sweet Corn, Pumpkins, Winter Squash: Seedlings only

Fodder beet: Seedlings only

Onions: 14 days

Potatoes: 14 days

Vegetable Brassicas: 3 days

READ THIS LABEL COMPLETELY BEFORE USE

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lambda-Cyhalothrin, 5%),

Class: 9, Packaging group: III, UN number: 3077, HAZCHEM: 3Z



HSNO Classifications: 6.1D (O), 6.1D (I), 6.3B, 6.4A, 6.9B, 9.1A, 9.3B, 9.4A

Approved under the HSNO Act 1996, HSR101290 . See www.epa.govt.nz for controls.

CERTIFIED HANDLER: This product must be under the personal control of a Certified Handler. Records of the use and disposal of this product must be kept. This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.

WARNING: Harmful if swallowed or inhaled. Causes serious eye irritation and mild skin irritation. May cause organ damage through single, prolonged and repeated exposure. May cause neurotoxicity and lung damage from repeated oral or inhalation exposure at high doses.

ENVIRONMENTAL INFORMATION: Very toxic to aquatic organisms with long lasting effects. Lavron 50WG must not be applied onto, into or over water. Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates. Very toxic to bees. Spray must not contact plants in flower if they are likely to be visited by bees.

HANDLING PRECAUTIONS:

STORAGE - Store in original container tightly closed and in a locked, dry, cool place away from foodstuffs, seeds and fertilizers. Store in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100kg of Lavron 50WG require signage and more than 100kg require emergency response plans.

PERSONAL PROTECTION - Avoid skin and eye contact and inhalation of spray mist. When handling wear eye protection, waterproof gloves, boots, and overalls. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

EQUIPMENT - Apply with well maintained and calibrated equipment.

CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.



FIRST AID: If swallowed, Do NOT induce vomiting. IF SWALLOWED: Call the POISON CENTRE (0800 POISON, 0800 764 766) or doctor/physician if you feel unwell. Rinse mouth. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: Get medical advice/attention. **If on skin:** Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If skin irritation or rash occurs: Seek medical attention immediately. **If inhaled:** Remove patient to fresh air. Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Call the POISON CENTRE (0800 POISON, 0800 764 766) or doctor/physician if you feel unwell.

SPILLS: Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely, according to local Council regulations.

Notice to Buyer: Careful tests have proved that the product is suitable for the recommended purposes when used in accordance with our instructions. However, since storage and use of product are beyond our control, we do not therefore accept any liability for damage or loss of efficacy which may result from the use of this product, whether used in accordance with the directions or not. We are liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

Registered to and Distributed by: Adria New Zealand Limited. P.O. Box 535, 407 State Highway 16 Kumeu, Auckland. Ph: 09 412 9817. Fax: 09 412 9807. www.adria.nz

Batch number and manufacturing date: See on packaging.

Transport: Do not carry more than 3kg of Lavron 50WG on a passenger service vehicle.

Record Keeping: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3kg or more of Lavron 50WG is applied within 24 hours.

Mixing and Compatibility: Half full the spray tank with clean water and with the agitator running slowly pour the correct amount of Lavron 50WG into the tank. Continue to agitate while adding the remainder of the water, and during spraying. Lavron 50WG is compatible with most fungicides except strongly alkaline materials such as Bordeaux mixture.

RESISTANCE MANAGEMENT: Lavron 50WG is a GROUP 3 INSECTICIDE from the pyrethroid group.

Resistance to this insecticide and related insecticides could develop from excessive use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies that exist for any insect pests listed on this label. Avoid using this insecticide exclusively all season, and avoid unnecessary spraying. Maintain good cultural control practices. Refer to <http://resistance.nzpps.org/> for more detailed information.

Diamondback moth: Apply in the period from mid-January to August. Use insecticides with a different mode of action outside this period. Maintain good cultural practices. Diamondback moth populations in some regions have shown a high level of resistance to synthetic pyrethroids. If this is indicated by poor control switch to an alternative chemical group.

Tomato fruitworm / corn earworm: Only apply synthetic pyrethroids after 7th January against second generation larvae. Avoid unnecessary spraying.

DIRECTIONS FOR USE: It is an offence to use this product on animals. This product may only be applied by ground-based spray equipment.

Lavron 50WG is a fast acting synthetic pyrethroid insecticide with stomach and contact activity. Thorough coverage of plant surfaces is important for good results. For ‘difficult to wet’ crops add suitable adjuvant at label rates. The rates suggested are for high volume spraying to run off. For concentrate spraying adjust dilution rate accordingly.

Crop	Pest	Rate	Critical Comments
Beans	Tomato Fruitworm	200g/ha in a minimum of 500 litres of water/ha.	Apply when insects first appear and if necessary 2 to 3 weeks later.
Beans, Forage brassicas, Maize*, Onions, Sweet corn*, Pumpkins*, Winter Squash*, Tomatoes, Vegetable brassicas, Kumaras, Fodder beet*.	Cutworm	200g/ha in a minimum of 300 litres of water/ha.	Apply immediately after damage occurs, preferably in the evening as a directed spray to thoroughly cover the base of the plants and the surrounding soil.
Cereals	Cereal aphid, Rose grain aphid	100-200g/ha in a minimum of 200 litres of water/ha.	Apply at first sign of aphids. Apply the lower rate when aphid pressure is low and shorter residual activity is required. A second application may be required if aphids continue to migrate into the crop. Ensure sufficient water volume is used to give thorough crop penetration and coverage.
Citrus	Fullers Rose Weevil	1.5kg/100 litres as a directed trunk spray.	Apply sufficient spray to form a complete band around the trunk from the base to 30cm 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.
Field tomatoes	Tomato Fruitworm	200g/ha in sufficient water for complete coverage. Use a minimum of 1,000L/ha when plants are fully grown.	Apply at three week intervals from transplanting or thinning.
Forage and Horticultural brassicas	Diamondback moth, White butterfly caterpillars	200g/ha in a minimum of 700 litres of water/ha.	Apply to seedbeds and following transplanting at two week intervals or as indicated by pest activity.
Grapes	Thrips	20g/100 litres (DO NOT use less than 100g/ha)	Apply at early flowering. Apply in sufficient water to achieve good coverage of flower clusters.
	Bronze beetle, Grass grub beetle	20g/100 litres (DO NOT use less than 200g/ha)	Apply at dusk, when beetle flights begin. Apply in sufficient water to obtain coverage. Repeat after 14 days if flights are still continuing.
Kumara	Adult Black Beetle, Adult White Fringe Weevil, Caterpillars (e.g. Tropical Armyworm)	200g/ha in a minimum of 500L of water/ha.	Apply at the first sign of pests, then on 14 day intervals based on pest monitoring. Ensure adequate soil moisture and soil cover over developing tubers to assist in preventing tuber damage. Do not apply more than 3 applications in a single season.
Onions	Onion Thrip	200g/ha in a minimum of 500 litres water/ha.	Apply at first sign of onion thrip and repeat as necessary.
Potatoes	Potato Tuber Moth	200g/ha in a minimum of 500 litres 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	500g/ha in a minimum of 500L of water/ha.	Apply at first sign of psyllids and then at 7-14 day intervals. Use the closer interval under high pressure conditions. Ensure adequate water volume is used for thorough crop coverage and penetration.
Amenity turf	Tasmanian grass grub, Sod webworm, adult black beetle, Red legged earth mite.	20g/100L of water or 200g/ha.	Apply at first sign of pests and repeat as necessary during pest activity.
Ornamentals	Aphids, caterpillars, thrips, beetles, weevils	20g/100L of water	Apply at first sign of pests and repeat at 10-14 day intervals as necessary during pest activity (max 4 applications). Spray a small selection of plants and observe for 7-10 days if phytotoxicity is unknown.

***For use on seedlings only.**

Lavron 50WG can be measured volumetrically: 250ml weighs approximately 200g. Weighing is recommended for more precise measurement.