

WARNING
KEEP OUT OF REACH OF CHILDREN



ADAMA

ALPHA-SCUD[®] INSECTICIDE

GROUP 3 INSECTICIDE

For the control of a range of caterpillar pests in vegetable brassicas, maize, sweetcorn and tomatoes, thrips in onions, aphids in stone fruit and tomatoes, and grass grub beetle on non-bearing fruit trees, vines and non-flowering newly planted shelter belts

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 100 g/L ALPHA-CYPERMETHRIN in the form of an emulsifiable concentrate, also contains 753 g/L LIQUID HYDROCARBONS

ADAMA New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS
1 L, 5 L, 10 L,
20 L, 200 L

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**HAZARD CLASSIFICATIONS: 3.1D, 6.1D, 6.3B, 6.9B, 9.1A, 9.3B, 9.4A****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

WARNING**Combustible liquid.****Harmful if swallowed.****May be harmful in contact with skin.****Causes mild skin irritation.****May cause damage to organs through prolonged or repeated exposure.****Very toxic to aquatic life with long-lasting effects.****Toxic to terrestrial vertebrates.****Very toxic to terrestrial invertebrates.****HANDLING PRECAUTIONS**

Keep out of reach of children.

Do not eat, drink or smoke while using.

Keep away from flames and hot surfaces.

Do not breathe spray mist.

Wash exposed skin thoroughly after handling.

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE

Store in the original, tightly closed container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. In case of fire use dry chemical, carbon dioxide, foam, water spray or fog for extinction. Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where 100 L or more of this product are stored. Refer to the product SDS for further information.

SHELF LIFE

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, eye protection, impervious, elbow-length gloves and boots. Wash hands, arms and face

with soap and water before meals and after work. Wash protective clothing after use.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb liquid spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

DISPOSAL

Container Disposal - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label, or through the Agrecovery® Chemical Recovery service or other approved facility.

FIRST AID

If medical advice is needed, have product container or label at hand.

For advice or if you feel unwell, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

IF SWALLOWED: Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

IF ON SKIN: If you feel unwell or skin irritation occurs, contact a POISON CENTRE or doctor.

CONDITIONS OF SALE

Adama New Zealand Limited 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 the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of Adama New Zealand Limited is limited to the replacement of the goods or (at the option of Adama New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Adama New Zealand Limited within thirty days of delivery.



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Registered pursuant to the ACVM Act 1997, No. P7380
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR000293
See www.epa.govt.nz for approval controls

Alpha-Scud is a registered trademark of an Adama Group of Company.



Label

EMERGENCY RESPONSE
(All hours)
Ring from anywhere in New Zealand
0800 734 607

In a Transport
Emergency
Phone 111
Police or Fire

Batch Number:
Date of Manufacture:

Bar code to be inserted

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 543 8275.

PRODUCT INFORMATION

ALPHA-SCUD INSECTICIDE is a pyrethroid insecticide particularly active against caterpillars, thrips, and aphids. ALPHA-SCUD INSECTICIDE provides a rapid knockdown combined with a good residual effect. Because ALPHA-SCUD INSECTICIDE is not systemic, good coverage is essential to obtain control.

DIRECTIONS FOR USE

TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.

Do not apply onto or into water.

It is an offence to use this product on animals.

As ALPHA-SCUD INSECTICIDE has no systemic action thorough spray coverage of all foliage is essential for optimal results. Dilution rates are for high volume spraying to run-off. For concentrate spraying, adjust the dilution rates accordingly.

CROP	PEST	RATE	CRITICAL COMMENTS
Vegetable brassicas	Diamond back moth (<i>Plutella xylostella</i>) White butterfly (<i>Pieris rapae</i>) Tomato fruitworm (<i>Helicoverpa armigera</i>) Greasy cutworm (<i>Agrotis ipsilon</i>)	200-250 mL/ha in a minimum of 700 L of water/ha	Apply on a 14 day schedule from transplanting. Use only after mid-January based on crop monitoring. Use in alternation with a non-synthetic pyrethroid product. Gradually increase the spray volume per hectare as the plants grow to ensure thorough coverage of all the foliage. Use a non-ionic wetting agent. Refer to wetting agent label for specific instructions. For cutworm apply once at the first sign of damage. See Resistance Management comments.
Maize and sweetcorn	Greasy cutworm (<i>Agrotis ipsilon</i>) Armyworm (<i>Mythimna separata</i>) Corn earworm (<i>Helicoverpa armigera</i>)	150-200 mL/ha in 300-600 L of water/ha For aerial application to maturing crops, use at least 100 L of water/ha	For cutworm apply immediately damage to seedlings is noted. Preferable apply in early evening and direct spray to the base of the plants and surrounding soil. If used before 7 January, ensure no spray drift onto headlands where corn earworm may be living. For armyworm apply immediately pests appear, and use high water rates to ensure penetration of the spray to the base of the crop. For corn earworm apply immediately pests appear on the silks. Repeat every 10-14 days as dictated by pest activity. Use only after 7 January and if crop monitoring shows need. See Resistance Management comments.
Onions	Onion Thrips (<i>Thrips tabaci</i>)	150-200 mL/ha in a minimum 500-600 L of water/ha	Use only after mid-January. Apply when pests appear and repeat every 14 days or as dictated by pest activity. Use the higher rate when thrips numbers are high. Use in alternation with a non-synthetic pyrethroid product. Use a wetting agent to ensure good coverage of plants including the base of leaves. See Resistance Management comments.
Pasture	Tasmanian Grass Grub larvae (<i>Aphodius tasmaniae</i>) Red legged earth mite (<i>Halotydeus destructor</i>)	100-150 mL/ha 50 mL/ha	Apply in the autumn at the first appearance of grubs and pasture damage. Use the high rate when larvae are more than 10 mm long. Apply when mite damage (leaf bleaching) is noticed, especially on legume seedlings.
Stone fruit	Green peach aphid (<i>Myzus persicae</i>)	20–25 mL/100 L of water	Apply only in the pre-flowering period. Apply at first sign of aphid infestation and repeat as required at 10-14 day intervals. Use the higher rate when aphid numbers are high.
Tomatoes	Tomato fruit worm (<i>Helicoverpa armigera</i>) Aphids	20-30 mL/100 L of water with a minimum water rate of 600 L/ha	Use only after 7 January and if crop monitoring shows need. Use the high rate when pest activity is high and/or when larvae are 10-20 mm long. Repeat application if monitoring shows need. Gradually increase the volume of application as the crop matures to ensure good coverage. A spray pressure of at least 420 kPa is required to ensure good penetration of foliage and effective coverage of crop. See Resistance Management comments.
Non-bearing fruit trees & vines and newly planted shelter belts provided they are not in flower	Grass grub beetle (<i>Costelytra zealandica</i>)	50 mL/100 L of water	Apply at dusk as a moderately fine spray (e.g. No. 5 tip and No. 45 swirl plate) to ensure thorough coverage of foliage. Apply at 7 day intervals over the beetle emergence and flight period, beginning when beetles first appear. Includes use on non-bearing berryfruit, pipfruit, stonefruit, tamarillos, avocados and grapes.

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 PERIODS

Brassicas and tomatoes:	Do not apply later than 3 days before harvest.
Sweetcorn:	Do not apply later than 7 days before harvest.
Onions:	Do not apply later than 14 days before harvest.
Pasture:	Do not graze within 7 days of treatment or cut for stockfeed within 14 days of treatment.
Maize or sweetcorn:	Do not graze or feed treated stubble to livestock within 14 days of application.
Stone fruit:	Do not apply to after the appearance of the first flower.
Kiwifruit:	Do not apply after cracking of flower buds (first visible petals).

MIXING

Pour the required quantity into the partly filled spray tank with agitation running and complete filling of the tank.

COMPATIBILITY

Compatible with most commonly used pesticides.

RESISTANCE MANAGEMENT

ALPHA-SCUD INSECTICIDE contains the GROUP 3 synthetic pyrethroid insecticide, alpha-cypermethrin. To minimise the risk of resistance development do not use another product containing an insecticide in the same group in conjunction with ALPHA-SCUD INSECTICIDE and use strictly in accordance with label directions. Consult <https://resistance.nzpps.org/> for current resistance management strategies for listed pests.

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