



orion AGRISCIENCE



COMBUSTIBLE LIQUID | HARMFUL | ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

Ambush[®]

INSECTICIDE

A broad spectrum insecticide for use on AVOCADOS, CITRUS, FLOWERS and ORNAMENTALS, GLASSHOUSE TOMATOES and CUCURBITS, GRAPES, KIWIFRUIT, PERSIMMONS, VEGETABLE and FODDER BRASSICAS and FODDER BEET.

Active Ingredient:

475 g/litre pirimiphos-methyl and 25 g/litre permethrin in the form of an emulsifiable concentrate.



5 Litres





PLEASE READ THE LABEL COMPLETELY BEFORE USE

HAZARD CLASSIFICATIONS: 3.1D, 6.1E, 6.3B, 6.4A, 6.5A, 6.5B, 6.8B, 6.9A, 9.1A, 9.2D, 9.3A, 9.4A

WARNING: FLAMMABLE, TOXIC, ECOTOXIC

Combustible liquid. May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye and mild skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause reproductive/development damage or damage to the nervous and blood forming systems from repeated ingestion. Very toxic to aquatic organisms. Harmful to soil organisms. Very toxic to terrestrial vertebrates and terrestrial invertebrates.

PRECAUTIONS

APPROVED HANDLER: This product must be under the control of an approved handler during use.

STORAGE: Keep out of reach of children. Do not store near heat, flame or other source of ignition. Store in the original, tightly closed container, in a secure and well ventilated area away from foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note). 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 product that is older than this.

PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing, loading, applying, or entering the treated area within 12 hours of application, wear chemical resistant coveralls, boots and gloves, head covering for overhead exposure, and eye protection. A respirator (organic vapour and particulate matter) is required where spray mist or vapour could be inhaled. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

USE: Avoid handling, mixing or use of the undiluted product or container near heat, flame or other source of ignition. Apply with well maintained and calibrated spray equipment.

DISPOSAL: Dispose of this product only by using in accordance with this label, or at a suitable landfill. Do not burn. Triple rinse container and add rinsate to the spray tank. Dispose of container to a suitable landfill or agricultural recycling scheme. Do not burn. Do not use container for any other purpose.

ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or empty container. Do not allow spray drift outside the target area to occur. Very toxic to bees – Do not apply to any plant or tree likely to be visited by bees at the time of application, immediately after application until the spray has dried, or in areas where bees are foraging. Use of this product must not cause adverse effects beyond the boundary of the treated property, and must also avoid adverse effects from spray drift occurring. Mitigation measures employed must be recorded as part of the application records. Use of this product is subject to notification requirements to neighbours and others who may be affected.

Batch No:

Date of manufacture:

AMBUSH

Symptoms of Poisoning

These may include excessive sweating, headache, weakness, faintness, giddiness, nausea, stomach pains, vomiting, small pupils, blurred vision and muscle twitching.

First Aid

If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

Emergency Response

In a transport emergency call **111, Police or Fire Brigade**. In a fire, evacuate and call **111 Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

Spillage

Extinguish any ignition sources. Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (08006746627)** or visit www.orionagriscience.co.nz.

Ingredients: Ambush contains 475 g/litre pirimiphos-methyl and 25 g/litre permethrin as active ingredients, and up to 376 g/litre of aromatic hydrocarbon as a solvent.

WARRANTY

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P8629

See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSN0 Act 1996, No. HSR100911

See www.epa.govt.nz for approval conditions.

™SYNERGY is a Trade Mark of Orion AgriScience Ltd.

®AMBUSH is a Registered Trade Mark of Orion AgriScience Ltd.

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www.orionagriscience.co.nz



AGRISCIENCE



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APPLICATION METHODS

Obtain uniform spray coverage using conventional ground, orchard and aerial equipment.

Knapsack: Use 10 mL Ambush per 10 litres of water and apply as a high volume spray to run off.

Motorised Knapsack: For concentrate spraying, use 30 mL Ambush per 10 litres of water.

When applied indoors, application using hand gun spray equipment is not permitted.

MIXING

Ambush mixes readily with water. Add the required amount into the partly filled tank, then add the remaining water while agitating. The spray mixture should be kept agitated before and during spraying, and before spraying after a stoppage.

COMPATIBILITY

May be tank mixed with most commonly used fungicides (Refer to Kiwifruit entry in table). Do NOT use with alkaline materials such as lime sulphur or Bordeaux mixture. On fodder brassicas, temporary leaf scorch may occur when mixing with herbicides or oils, especially during hot and dry conditions, or when plants are under stress.

WITHHOLDING PERIODS

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

Avocados	14 days
Citrus	14 days
Glasshouse tomatoes and cucurbits	3 days
Grapes	28 days
Kiwifruit	14 days
Persimmons	7 days
Fodder brassicas and fodder beet	7 days
(Sheep and deer should be withheld from slaughter for 7 days if fed crops treated within 7 – 14 days)	
Vegetable brassicas	3 days
Export Crops	Contact your exporter or industry crop adviser.

RESISTANCE MANAGEMENT

GROUPS 1 + 3 INSECTICIDES

Ambush contains the organophosphorus compound pirimiphos-methyl and the synthetic pyrethroid permethrin. Resistance to this insecticide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the insect pests listed on the label.

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DIRECTIONS FOR USE

It is an offence to use this product on animals.

Crop	Pests	Rate of Application	Time of Application
Avocados	Greedy Scale, leafroller, mealy bug	100 mL per 100 L water	Apply pre-blossom, immediately post-blossom, and then at 4 – 6 week intervals
Citrus	Aphids, leafroller, mealy bug, scale crawlers	100 mL per 100 L water	Apply pre-blossom and then at 4 – 6 week intervals. An additional wetting agent is not required
Flowers and Ornamentals	Aphids, caterpillars, mealy bug, whitefly	100 mL per 100 L water or 1 L / ha. For aerial spraying apply in 200 L / ha water min	Apply as required (approx. 3 – 4 week intervals during the growing season). Note: Ambush may cause damage to the new soft growth of sensitive roses and ornamentals
Glasshouse Tomatoes and Cucurbits	Aphids, caterpillars, whitefly	100 mL per 100 L water	Apply as required (approx. 2 – 3 week intervals)
Grapes	Leafroller, mealy bug	100 mL per 100 L water (min 1.5 L / ha)	Apply from bud movement. Use no more than 2 sprays after capfall. Do NOT apply during the blossom period
Kiwifruit	Leafroller, Latania scale, greedy scale, passionvine hopper	100 mL per 100 L water (min 2 L / ha)	Apply pre-blossom and then at 3 – 4 week intervals. Do NOT mix with any other insecticide, fungicide, wetting agent, surfactant or foliar fertiliser. Do NOT apply under slow drying, cold or wet conditions
Persimmons	Leafroller, Latania scale, greedy scale, mealy bug	100 mL per 100 L water (min 2 L / ha)	Apply pre-blossom and again immediately post-blossom, and then at 2 – 3 week intervals
Fodder Brassicas	Springtails	100 – 200 mL / ha	Apply when insects first appear or as soon as damage becomes evident. Continue sprays at 2 – 3 week intervals, or as required. Use the lower rate on young crops, and the higher rate when the crop has reached canopy closure. Use the higher water rate from canopy closure onwards. Use with Synergy™ Wetter Sticker, but NOT when tank mixing with herbicides or crop oils
	White butterfly, leaf miner, nysius	500 mL – 1 L / ha	
	Diamondback moth, aphids	750 mL – 1 L / ha Apply in 100 – 300 L / ha water. For aerial application, use 100 L / ha water min	
Vegetable Brassicas	White butterfly and diamondback moth caterpillars, aphids, leaf miner, nysius	1 L / ha Apply in 700 L / ha water min	Apply when insects first appear, and then at 2 – 3 week intervals
Fodder Beet	Springtails	100 – 200 mL / ha	Apply as soon as damage becomes evident. Use the lower rate on young crops, and the higher rate when the crop has reached canopy closure. Apply in 100 – 300 L/ha of water for ground applications, and at least 100 L / ha for aerial. Use with Synergy Wetter Sticker.
	Leaf miner, nysius, aphids	500 mL – 1 L / ha	

Notes: The rates given are for high volume spraying to run-of. For concentrate spraying, adjust dilution rate accordingly. Do not apply more than 4 applications per season.

Ambush may affect mite predators – should mite numbers increase after spraying, switch to an alternative insecticide. Ambush should not be sprayed onto mite susceptible shelter species.