

WARNING

KEEP OUT OF REACH OF CHILDREN



Avid[®]
Insecticide/Miticide

syngenta[®]

Active Ingredient:

AVID contains 18 g/litre ABAMECTIN in the form of an emulsifiable concentrate.

Also contains: 265 g/litre 2-Pyrrolidinone, 1-methyl and 9.5 g/litre Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl

GROUP 6 INSECTICIDE

For the control of Mites on Avocados, Pipfruit, indoor Tomatoes, Strawberries and Ornamentals, Leafrollers on Kiwifruit and Tomato- Potato Psyllid on Potatoes.

Net Contents: 1 and 5 litre

*Registered pursuant to the ACVM Act 1997, No. P4648.
See www.foodsafety.govt.nz for registration conditions*

Approved pursuant to the HSNO Act 1996, Approval Code HSR000734.

Syngenta Crop Protection Limited
Tower 2, Level 7, 110 Symonds Street, Auckland

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PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.

Any person mixing, loading or handling this product must be a qualified loader or under the guidance of a qualified loader.

Any person applying this product must be a qualified contractor/person or under the guidance of a qualified contractor/person.



HSNO Classifications 3.1D, 6.1D, 6.3A, 6.4A, 6.8A, 6.8C, 6.9B, 9.1A, 9.2C, 9.3B, 9.4A
WARNING

Combustible liquid.

Harmful if swallowed, inhaled or absorbed through the skin.

Causes skin irritation.

Causes serious eye irritation.

May damage fertility or the unborn child from repeated oral exposure.

May cause neurotoxicity and other organ damage from repeated oral exposure at high doses.

May cause harm to breast-fed children.

Very toxic to aquatic life.

Harmful to the soil environment.

Toxic to terrestrial vertebrates.

Very toxic to terrestrial invertebrates.

PRECAUTIONS

Store in original container, tightly closed, away from foodstuffs.

Keep away from flames and hot surfaces. In case of fire use fine water spray or foam. During a fire this product may release smoke and hazardous decomposition products. When fighting a major fire wear an air-supplied respirator.

When mixing and applying, wear protective clothing, including face shield, impervious gloves and footwear.

Avoid contact with skin and eyes and inhalation of spray mist.

Avoid contact during pregnancy or while nursing.

If clothing becomes contaminated with product, remove clothing immediately.

DO NOT eat, drink or smoke while using.

Wash hands and face before eating, drinking or smoking and after work.

Wash protective clothing daily after use.

Apply with well maintained and calibrated spray equipment.

Records of use must be kept.

Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409.

DO NOT carry on a passenger service vehicle.

Toxic to bees. Spray must NOT contact plants in flower if they are likely to be visited by bees.

Avoid contamination of any water supply with chemical or empty container. DO NOT apply into or onto water.

Container disposal: Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

Product disposal: Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

FIRST AID

If SWALLOWED, DO NOT induce vomiting. Rinse mouth. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If medical advice is needed, have product container or label at hand. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. Obtain medical attention.

If SKIN or HAIR contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If skin irritation occurs, seek medical advice.

If splashed in the EYES, wash out immediately with water. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irrigation persists, seek medical advice.

If INHALED, move the victim to fresh air immediately and keep at rest in a position comfortable for breathing. Begin artificial respiration if breathing has stopped. Take to hospital without delay.

SPILLAGE

Collect spillage. Wear suitable protective clothing including face shield, impervious gloves and boots. Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material such as earth or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of safely.

GENERAL INFORMATION

AVID is not systemic, therefore thorough coverage is essential. After application, AVID quickly moves into young leaves from where it is taken up by the feeding Leafrollers, Mites and Tomato-Potato Psyllid. AVID takes about 7 days to achieve maximum control.

Note: DO NOT apply if rainfall is expected before spray would have dried, as reduced efficacy may result. DO NOT overhead irrigate within 24 hours after application.

Crop monitoring: For effective Mite control, regularly monitor crops every 3 to 5 days during the season. For effective Leafroller and Tomato-Potato Psyllid control, regularly monitor crops during the season.

RESISTANCE MANAGEMENT

GROUP	6	INSECTICIDE
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For insecticide resistance management AVID contains the Group 6 insecticide, abamectin belonging to the avermectin class of chemistry. Some naturally occurring insect biotypes resistant to AVID and other Group 6 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if AVID or other Group 6 are used repeatedly. The effectiveness of AVID on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Syngenta Crop Protection Ltd accepts no liability for any losses that may result from the failure of AVID to control insects. AVID may be subject to specific resistance management strategies. For further information contact your local supplier, Syngenta Crop Protection representative, local agricultural department agronomist or New Zealand Plant Protection Society (Inc) - www.resistance.nzpps.org for alternate modes of action and the details of resistance management strategies (if any).

INTEGRATED PEST MANAGEMENT

AVID is compatible with IPM programmes using the predator mites *Typhlodromus pyri*, *Phytoseiulus persimilis* and *T.occidentalis* (although AVID may suppress numbers temporarily).

ENVIRONMENTAL INFORMATION

DO NOT apply when weather conditions favour drift from the target area. Toxic to fish and other water-borne organisms. When AVID comes into contact with soil it readily and tightly binds to the soil and becomes inactive. AVID that is not absorbed into plants is quickly degraded.

DIRECTIONS FOR USE

The rates suggested are for high volume spraying to run off. For concentrate spraying adjust dilution rate accordingly.

It is an offence to use this product on animals.

Crop	Pest	Rates	Critical comments
Apples, Pears	European Red Mite, Two-spotted Mite	37.5 mL plus 500 mL all-purpose spraying oil/100 litres of water. Alternatively, mix with a non-ionic surfactant at label rates. Apply a minimum of 2000 litres of spray mixture/sprayed hectare. Note: DO NOT exceed 1.5 litres AVID or 10 litres of spraying oil per hectare.	For optimum residual control, apply before there is a build up of Mite populations in the period from petal fall to mid-December. Make only 1 application per season. Crop Safety: All purpose spraying oils may cause damage to sensitive varieties such as Cox's Orange, Gala and Anjou pears. DO NOT use all-purpose spraying oil within 21 days before or after spraying CAPTAN. Use a non-ionic surfactant when a captan-based spraying programme is in use in the orchard, as CAPTAN is not compatible with oil-based applications. A very small amount of transient apple fruit blemish has been associated with low water volume applications. Please refer to the label precautions and directions of other products before mixing with AVID. Caution- DO NOT apply AVID: <ul style="list-style-type: none"> • when unusually hot conditions are present or expected within 24 hours after application. • under poor or slow drying conditions. • with equipment that may leave large droplets on fruit after application.
Avocados	Six-spotted Mite	37.5 mL plus 500 mL all-purpose spraying oil/100 litres of water. Alternatively, mix with a non-ionic surfactant at label rates.	For optimum residual control, apply in early spring before there is a build up of Mite populations. The first application should be made when Mites are first found and before severe infestation and defoliation has occurred. Subsequent applications should be made at a 14 to 28 day spray interval. To prevent resistance developing apply a maximum of 3 applications per season.
Kiwifruit	Leafrollers	25 mL/100 litres of water plus a non-ionic surfactant at label rates. Spray to the point of run off (approx. 2000 litres /ha) ensuring not less than 500 mL AVID/ crop hectare	Apply immediately after flowering, followed by 2 further sprays at 14 day intervals. Further applications should be made at 3 week intervals or if monitoring shows a need. The final spray must NOT be made within 120 days of harvest. DO NOT mix any foliar fertilisers or nutrient products with AVID on kiwifruit.
Ornamentals (Roses, Chrysanthemums, Carnations, indoor foliage plants)	Two-spotted Mite	25 to 50 mL/100 litres of water. Apply a minimum of 750 mL AVID/ha.	Ensure thorough coverage and penetration into the plants, particularly the undersides. Use the higher rate under high Mite pressure. Apply on the first appearance of the pest. Make 2 applications 7 to 10 days apart, with a maximum of 3 applications per season. Crop Safety: DO NOT use on ferns or Shasta daisies. If unsure of crop safety, apply to a few plants first before spraying the rest of the crop.
Potatoes	Tomato-potato Psyllid	600 mL/ha plus a suitable adjuvant at label rates.	Apply at the first appearance of the pest. Ensure thorough crop coverage and penetration of the spray into the crop. Inadequate coverage can result in reduced pest control. Make a maximum of 4 applications per season at 7 day interval as part of a pest control programme.

Crop	Pest	Rates	Critical comments
Strawberries	Two-spotted Mite	100 mL/100 litres of water. Apply a minimum of 600 mL AVID/ha.	Apply at the first appearance of Mites when numbers exceed 3 to 5 Mites/leaf. Make 2 applications 7 to 10 days apart, with a maximum of 3 applications per season. Ensure thorough coverage of the plants.
Tomatoes (indoor)	Two-spotted Mite, Tomato Russet Mite	60 to 90 mL/100 litres of water. Apply a minimum of 300 to 450 mL AVID/ha and a minimum of 500 litres of water/ha.	Apply on the first appearance of Mites. Use the higher rate under high Mite pressure and where Russet Mite is obvious or the main Mite present. Apply a maximum of 3 applications per season.

MIXING

Add the required amount of AVID to the partly filled spray tank, then add the remainder of the water. If oil is recommended, add this after the AVID is well mixed. Wetting agent is NOT required in Strawberries, Tomatoes or Ornamentals.

COMPATIBILITY

AVID is compatible with most of the commonly used insecticides and fungicides. Mixtures with more than one chemical are NOT recommended. As formulations of other manufacturer's products are beyond the control of Syngenta, all mixtures should be tested prior to use.

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

Avocados	14 days
Kiwifruit	120 days
Pipfruit.....	14 days
Potatoes.....	14 days
Strawberries.....	3 days
Tomatoes	3 days

STORAGE

Store in a cool, dry, well ventilated place, avoiding direct sunlight and temperatures above 30°C. See Safety Data Sheet for additional storage information. Stores containing quantities of 100 litres or more require signage and secondary containment. Stores with quantities of 500 litres or more require fire extinguishers.

SAFETY DATA SHEET

If additional hazard information is required, refer to the Safety Data Sheet. For a copy, visit our website at www.syngenta.co.nz

DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

Product names marked ® or ™, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company



Distributed by and registered to Syngenta Crop Protection Limited, Tower 2, Level 7, 110 Symonds Street, Auckland.

Bar code 9414644 000301

Batch No	
Date of Manufacture	

UN 2902
PESTICIDE, LIQUID, TOXIC, N.O.S.
(abamectin) MARINE POLLUTANT
PACKING GROUP III, HAZCHEM 2X
CONTAIN SPILLAGE



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

AGRECOVERY