



DANGER:
Keep out of reach of children

HORTCARE®
ABAMECTIN
INSECTICIDE

For the control of mites on avocados, apples, pears
indoor tomatoes, strawberries and ornamentals,
leafrollers on kiwifruit and tomato-potato
psyllid on potatoes

ACTIVE INGREDIENT: contains 18 g/litre abamectin in the form of an emulsifiable concentrate (also contains N-methyl pyrrolidone: 300 g/L and butylated hydroxytoluene: 10 g/L)

GSHA178/F03



HORTCARE®ABAMECTIN
NET CONTENTS: 5 Litres

Grosafe®

HORTCARE® ABAMECTIN

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. Keep away from sources of ignition, heat, hot surfaces. No smoking. **DANGER:** May damage fertility or the unborn child.

WARNING: Harmful if swallowed, inhaled or absorbed through skin. Causes skin irritation and serious eye irritation. May cause damage to organs through repeated oral exposure at high doses. May cause harm to children being breast-fed.

ECOTOXIC: Very toxic to aquatic life. Do not apply directly onto or into water. Do not mix or load near any body of water, avoid spray drift over, or spillage into open water. Avoid contamination of any water supply with chemical or empty container. Harmful in the soil environment. Toxic to terrestrial vertebrates. Very toxic to bees. Spray must not contact plants in flower if they are likely to be visited by bees.

QUALIFIED PERSON: The person mixing, handling or applying this product must be qualified. **PERSONAL PROTECTION:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. When mixing or applying, wear a face mask or goggles, rubber gloves and overalls. Avoid breathing spray. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after use.

STORAGE: Keep out of reach of children. Store product securely in original container, tightly closed, in a cool, dry place. Keep away from foodstuffs. In case of fire: Use fire water spray, foam or sand. Shelf life: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

RECORDS: A record of storage and use must be kept as described in the Management of Agrichemicals NZS: 8409.

SPILLS AND DISPOSAL: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section: Contain spill, recover liquid and store in properly labelled, sealed drums for safe disposal. If spray mixture is spilled absorb and collect in drums as above. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

PRODUCT DISPOSAL: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.

CONTAINER DISPOSAL: Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326: www.agrecovery.co.nz). Otherwise bury in a suitable land fill. Do not reuse for any purpose.

SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID: If medical advice is needed, have the product container or label at hand. If swallowed, rinse mouth and DO NOT induce vomiting. For advice contact the National Poisons Centre (0800 POISON) (0800 764 766) or a doctor. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Call a doctor if person feels unwell. If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin wash with plenty of soap and water. If eye or skin irritation occurs or if you feel unwell, get medical advice.

EMERGENCY RESPONSE: 0800 CHEMICAL: 0800 243 622

GENERAL INFORMATION: It is an offence to use this product on animals. It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.

Hortcare® Abamectin is absorbed into the leaf, best results are obtained when applied to young, actively growing plant tissue. Thorough coverage of the foliage is essential. Absorption is reduced on older leaves. Hortcare® Abamectin is effective only against the feeding stages of mites, it has no effect on the eggs.

Mixing: Add the measured quantity of Hortcare® Abamectin to the partly filled spray tank and top up with the required amount of water. When tank mixing oils, thoroughly mix the Hortcare® Abamectin and commence agitation before adding the oil.

Resistance Management: To minimise the development of resistance, alternate the use of Hortcare® Abamectin with a miticide belonging to an alternative group. Use only according to label directions.

Compatibility: It may be tank mixed with a wide range of insecticides and fungicides. Take care when mixing with spray oils or spray adjuvants: damage may occur, particularly to sensitive varieties of apples and pears. All mixtures should be tested prior to use.

Rainfall: Rain within 3 hours following treatment may reduce effectiveness.

RECOMMENDATIONS FOR USE:

The following rates are for high volume spraying to the point of run-off. For concentrate spraying adjust the dilution rate accordingly.

Crop	Pests	Rate of use/100L water	Comments
Avocados	Six spotted mite	37.5 ml/100L plus a non-ionic surfactant at label rates, OR 500 ml/100L all-purpose spraying oil.	Apply in early Spring when mites first appear, repeat 14–28 days later. Apply no more than three times per season.
Kiwifruit	Leafrollers	25 ml/100L plus non-ionic surfactant at label rates. Use a minimum rate of 500 ml/100L product/ha. Spray to the point of runoff (approx. 2,000 litres/ha).	Apply immediately after flowering. Followed by two further sprays at 14 day intervals. If further applications are needed spray at 3 week intervals. DO NOT tank mix or apply with foliar nutrients.
Apples, pears	Two spotted mite, European red mite	37.5 ml/100L plus non-ionic surfactant at label rates, OR 500 ml all-purpose spraying oil. Apply a minimum of 2,000 litres spray -mix per sprayed hectare. DO NOT exceed a total dose of 1.5 L/ha Hortcare® Abamectin or 10 litres of oil.	Make one application per season, between petal fall and mid-December. Crop safety: DO NOT use any all-purpose spraying oil within 21 days before or after a spray of Captan. DO NOT spray with a surfactant or any spray oils under hot conditions, or slow drying conditions. DO NOT spray with equipment which leaves large droplets. Special care should be taken on sensitive varieties of apples and pears. (Cox's Orange, Gala apples; Anjou pears).
Tomatoes – indoor	Two spotted mite, tomato russet mite	60–90 ml/100L. Apply at least 300–450ml product/ha, and a minimum of 500 litres water/ha.	Use a minimum of 500 litres water/ha. Use the highest available high miticide pressure or when Tomato Russet Mite is the main pest. Apply at the first appearance of mites and repeat 7–10 days later. Spray no more than three times/season.
Strawberries	Two spotted mite	100ml/100L water (apply a minimum of 600 ml product/ha).	Apply at first appearance (3–5 mites/leaf) and repeat 7–10 days later. Spray no more than three times/season. Ensure thorough coverage of plants.
Ornamentals	Two spotted mite	25–50 ml/100L (apply a minimum of 750 ml product/ha).	Apply at first appearance (3–5 mites/leaf) and repeat 7–10 days later. Spray no more than three times/season. DO NOT apply to ferns or Shasta daisies. If unsure of crop safety apply to a few plants before spraying crop.
Potatoes	Tomato-potato psyllid	600 ml/ha plus a non-ionic surfactant at label rates.	Apply at first appearance of the pest. Thorough coverage/penetration is essential. Apply at seven day intervals as required, no more than 4 times per season.

Withholding period: Apples, pears - do not apply within 14 days of harvest.

Kiwifruit - do not apply within 120 days of harvest.

Avocado - do not apply within 14 days of harvest.

Potatoes - do not apply within 14 days of harvest.

Strawberries - do not apply within 3 days of harvest.

Tomatoes - do not apply within 3 days of harvest.

Export crops - consult your exporter or industry crop advisor

Registered pursuant to the ACVM Act 1997 No. P8695. See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to HSNO Act 1996. Approval code: HSR000734. See www.epa.govt.nz for approval conditions.

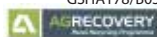
For additional compliance information refer to www.wofsafe.govt.nz

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 and distributed by:

20 JEAN BATTEN DRIVE
MT Malingangini 3116
PO Box 14-450 Taunanga 3143
FREE PHONE 0800 220 002
www.grosafe.co.nz

GSHA178/B03



Grosafe
CHEMICALS LTD

Date of manufacture: Batch No:

Hortcare® is a trademark of Grosafe Chemicals Ltd.