AGRISOURCE
PRODUCTS FOR AGRICULTURE

HARMFUL
KEEP OUT OF THE REACH OF CHILDREN
ECOTOXIC
COMBUSTIBLE LIQUID

ABBA

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

Contains 18g/litre abamectin* in the form of an emulsifiable concentrate

GROUP	6	INSECTICIDE

FREE RECYCLING
AGRECOVERY
www.agrecovery.co.nz

*CAS no. 71751-41-2

NET CONTENTS
5 Litres

ABBA LABEL 135H X 145W 0719.indd 1 5/07/19 2:30 PM

READ LABEL COMPLETELY BEFORE USE

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

APPROVED HANDLER

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

WARNING - COMBUSTIBLE LIQUID

HARMFUL

May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye and mild skin irritation. May cause reproductive/development damage from repeated ORAL exposure. May cause organ damage following repeated oral exposure at high doses.

ECOTOXIC

Very toxic to aquatic organisms with long lasting effects. Avoid contamination of any water supply with product or empty container. **Harmful to the soil environment and 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

Avoid handling, mixing or use of the undiluted product or container near heat, flame or other source of ignition.

Personal Protection: When mixing or applying, avoid contact with skin and eyes. Wear full protective clothing, impervious gloves, goggles and respirator. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

Equipment: Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Flush spray equipment thoroughly with water after 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 place away from foodstuffs. Storage of certain quantities of this product trigger specific storage requirements (Refer Product Safety Card)

Shelf Life: When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

Spillage: Extinguish any ignition sources. Move non-essential people from the area. Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

Product Disposal: Dispose of unwanted product by use by another operator strictly in accordance with label directions.

Container Disposal: Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

Safety Data Sheet: Additional information is provided in the SDS available from your supplier or www.agrisource.co.nz

FIRST AID

If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 Poison (0800764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If concentrate is splashed in the eyes, flush with running water immediately.

EMERGENCY RESPONSE

In a transport emergency call, 111, Police or Fire Brigade. For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622) 24 hrs.

GENERAL INFORMATION

Abba is a non-systemic miticide for use in a range of crops. **Abba** is effective only on the feeding stages of mite and has no effect on the eggs. Absorption is via the leaf, best results are obtained when applied to young, actively growing plant tissue. Thorough coverage and penetration of foliage is essential. Absorption is greatly reduced on older leaves.

It is an offence to use this product on animals.

MIXING

Half fill spray tank with water, with agitation running, add the required amount of **Abba**, top up with water and agitate thoroughly before use. When tank mixing oils, add oil once **Abba** is thoroughly mixed.

COMPATIBILITY

Abba is compatible with most commonly used agrichemicals. Caution should be taken when using a non-ionic surfactant or spraying oil in a tank mix. Damage may occur, particularly to sensitive varieties of apples and pears.

RAINFALL

Do not apply if rain is expected before spray can fully dry on leaf surface.

IMPORTANT - RESISTANCE MANAGEMENT

Abba contains the GROUP 6 INSECTICIDE abamectin. Resistance to pesticides can develop from excessive use. To minimise this risk, avoid using this insecticide exclusively all season, avoid unnecessary spraying and endeavour to alternate with insecticides from other groups within the crop and in subsequent seasons for a sprayed paddock. Use strictly in accordance with label instructions. Maintain good cultural practices.

APPLICATION RATES

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

CROP SAFETY

DO NOT use any 'All purpose spraying oil' 21 days before or after a Captan application. Instead use a non-ionic surfactant. **DO NOT** make applications with a non-ionic surfactant or any spraying oil under hot conditions, poor or slow drying conditions or with equipment which leaves large droplets on the fruit.

CAUTION

Take care when using **Abba** and a non-ionic surfactant, or any 'All purpose spraying oil' on sensitive varieties of apples and pears. Damage may occur.

Apples and Pears: Two Spotted Mite & European Red Mite Control

37.5ml of **Abba** in 100 litres water plus non-ionic surfactant at label rates or 500ml per 100 litres water 'All purpose spraying oil.' Do NOT exceed a total dose of 1.5 litres/ha **Abba** or 10 litres/ha 'All purpose spraying oil'. Make only one application per season, between petal fall and mid December.

Avocados: Six spotted mite control

37.5ml of **Abba** in 100 litres water plus non-ionic surfactant at label rates OR 500ml per 100 litres water 'All purpose spraying oil'. Apply in early spring at the first appearance of mites, and then again 14 – 28 days later. Make no more than 3 applications per season.

Indoor Tomatoes: Two Spotted Mite and Tomato Russet Mite Control

60 - 90mlof **Abba** in 100 litres water. Use a minimum of 500 litres of water per ha and use the highest rate under high mite pressure or when Tomato Russet Mite is the main pest. Apply at first appearance of mite, and then again 7 – 10 days later. Make no more than 3 applications per season.

Kiwifruit: Leafrollers Control

25ml of **Abba** in 100 litres water plus non-ionic surfactant at label rates. Use a minimum rate of 500ml/ha of **Abba**. Spray to the point of run-off (approximately 2000 litres/ha). First apply immediately after flowering, followed by 2 further applications,14 days apart. Further applications if needed should be made at 3 week intervals. Do NOT tank mix or apply with any foliar nutrients.

Potatoes: Tomato-Potato Psyllid Control

600ml of **Abba** per/ha plus a non-ionic surfactant. Apply at first appearance, ensuring **complete crop coverage** and **penetration** into the crop. Apply at 7 day intervals, as part of a pest control strategy. Make no more than 4 applications per season.

Strawberries: Two Spotted Mite control

100ml of **Abba** in 100 litres water. Use a minimum of 600ml **Abba** per ha Apply at first appearance of mites, once numbers exceed 3 - 5 mites per leaf, and then again 7 - 10 days later. Make no more than 3 applications per season.

WITHHOLDING PERIODS

Avocados.....14 days
Apples and Pears .....14 days
Kiwifruit .....120 days
Strawberries.....3 days
Tomatoes .....3 days
Potatoes.....14 days
Export Crops.....contact your exporter or industry crop adviser

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.

CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, to the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Agri Solutions Ltd as registrant, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

ACVM Registration No. P8448
See www.foodsafety.govt.nz for registration conditions

HSNO Approval No. HSR000735
See www.epa.govt.nz for approval conditions

BATCH NO:

DATE OF MANUFACTURE:

REGISTRANT
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Grey Lynn, Auckland 1021

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24 HOUR EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)

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