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## FOR AGRICULTURAL USE:

**BIONEEM:** Active ingredient: AZADIRACHTIN 3g / l Registration No: L6958 Act No. 36 of 1947

SGS OPS/02/ 02

Bioneem is an environmentally-friendly product based on neem seed kernels, which contain many tritepernoids including AZADIRACHTIN insecticide. It disrupts the normal metabolic activity of insects. Bioneem is most effective when used in a preventative programme.

Recommended for use against sucking, chewing and biting insects.

## Warnings:

May irritate eyes, nose, throat and skin.

May be harmful if swallowed or inhaled.

May be hazardous to fish.

Flammable.

Store in a cool place.

Store away from food and feed.

Store out of reach of children and animals.

## **Precautions:**

Do not inhale fumes or spray mist.

Prevent contact with skin and eyes.

Wear protective clothing when preparing spray mixture.

Wash with soap and water after use or accidental skin contact.

In case of contact with eyes flush eyes with water for at least 15 minutes. If irritation persists get medical attention. Use only in well ventilated areas.

Avoid spray drift onto other crops, grazing, rivers, dams and areas not under treatment.

Clean applicator before using for other remedies and dispose of wash water where it will not contaminate crops, grazing, river and dams.

Destroy empty container and dispose of in a safe way. Never use for any other purpose.

Prevent contamination of food, feed, drinking water and eating utensils.

**<u>Directions for use:</u>** (use only as directed):

## Compatibility:

Bioneem has been found to be compatible with most commonly used fungicides, insecticides and fertilisers. Physical compatibility should first be checked by using the current proportions of products in a small jar test. Growers should then test tank-mix combinations for phytotoxicity on a sample of crops prior to use. Do not mix with oxidising agents such as bleach, or strong acids and bases as they will destabilise the product. Spray solutions should be used within several hours of preparation for maximum effectiveness. Do not store diluted solution for later use. Neem is suitable for indoor and outdoor use. Shake well before use.

Bioneem does not have an instant knockdown effect, it normally takes 3-7 days for death to occur, however damage is reduced almost immediately due to the anti-feedent effect of the product. Apply in early to mid-morning or late afternoon. Do not apply in temperatures above  $30 \,^{\circ}$  C.

CROP	PEST	DOSAGE	DIRECTIONS FOR APPLICATION
Deciduous fruit Apples	American Bollworm Snoutbeetle Aphids (various) Two-Spotted Mite European Red Mite Codling Moth Fruit Fly	1.5-3 ℓ / Ha (Use higher dosage under high insect pressure.) 300ml/100 lit water	Apply as a full cover spray ensuring thorough wetting of tree. Under high insect pressure apply at 3 – 4 day intervals.  Preventative Programme: apply every 7 days.  After first 2 sprays, monitor insect pressure and adjust spraying up to 14 day intervals, or as necessary.  High Volume

WARRANTY: Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, soil moisture, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of a pest against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

MANUFACTURED BY:

AJAY BIOTECH

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