

WARNINGS AND PRECAUTIONS

- Keep out of the reach of children, uninformed persons and animals.
- May cause slight eye irritation.
- May cause allergic reactions in sensitive persons.
- Do not use after expiry date.
- Reseal packaging after use.
- Use within one month of opening
- Do not use around beehives or where bees are actively foraging.
- Wash hands with soap and water before eating, drinking or smoking.

IMPORTANT POINTS TO REMEMBER

- Remember you are working with a living organism.
- Store at 4 – 10°C for maximum shelf-life.
- Do not leave the powder or mixture standing in the sun.
- Use within 6 hours of mixing.

See enclosed directions for application and use.

Eco-Bb®

Reg. No. L8469, Act No. 36 of 1947 / N-AR1359

GROUP

UNF

INSECTICIDE

A bioinsecticide for the suppression of pests on crops as specified



 **Andermatt**
Madumbi



	300g
	1kg
	5kg

Active ingredient

Beauveria bassiana strain R444 (Min 2 x 10⁹ spores per gram)



Founding Member:

SABO
South African Bioproducts Organisation



Inspected by ECOCERT SA F-32600

Product suitable for use in organic agriculture complying to the annexes of the (EC) regulation n° 834/2007 and 889/2008

Registered and produced by:

Andermatt PHP (Pty) Ltd.

Co. Reg. No. 2003/007987/07

Country of origin: South Africa



Andermatt
PHP

Distributed in South Africa by:

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Batch No:
Expiry date:

PEEL

Eco-Bb®

Reg. No. L8469, Act No. 36 of 1947

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A bioinsecticide for the suppression of pests on crops as specified

Active ingredient: *Beauveria bassiana* strain R444
(Min 2 x 10⁹ spores per gram)

DISCLAIMER: Although this product has been tested under a variety of conditions, the supplier does not warrant that it will be efficacious under all conditions. Because the active agent is a living organism, its action may be affected by storage, handling, climatic or soil conditions. The supplier is also not responsible for poor performance of the product due to failure of the user to follow the label instructions. This naturally-occurring organism should not cause damage to crops, vegetation or the environment, nor harm to man and animals. However, in the unlikely event of this happening, the supplier does not accept responsibility for any damage that may occur.

MIXING AND APPLICATION INSTRUCTIONS

- Mix with water at a rate of 1g/L. If water volume exceeds 1000 litres per ha, apply a maximum of 1 kg *Eco-Bb*® per ha.
- Use at the recommended rate and apply as a full cover spray.
- Use within one month of opening.
- Do not mix in containers that have previously been used for toxic substances.
- Wash mixing containers well with soap and water before use.

REGISTERED USAGES:

Crop/Pest	Dosage	Remarks
Whitefly Beans, tomatoes, cucumbers, brinjals, tobacco	300 – 600 g/ha is recommended depending on spray volume, crop, growth stage and pest severity.	Apply as a full cover spray every 7-14 days depending on the severity of the pest.
Tuta absoluta Tomatoes		Apply at early stage of infestation for best results.
Leafminer (<i>Liriomyza spp.</i>) Potatoes		

- Apply the product when humidity is high, preferably in the late afternoon.
- Good spray coverage is essential. Best results are achieved using a mist blower.
- Do not apply when temperatures are below 15°C or above 35°C.
- Use as part of an integrated pest management strategy to break pest life cycle and manage resistance.

DIRECTIONS FOR USE - USE ONLY AS DIRECTED.

COMPATIBILITY

- Do not use wetters or other adjuvants without first consulting your sales agent.
- Do not mix with any agrochemical without first consulting your sales agent.
- Avoid the use of broad spectrum fungicides for at least three days before and after *Eco-Bb*® applications.

Crop/Pest	Dosage	Remarks
<p>False codling moth Avocados; litchis; citrus; stone fruit (apricots, cherries (sweet and sour), peaches, nectarines, plums and prunes); tree nuts (almonds, cashews, hazelnuts, pecans, macadamia nuts, pistachio nuts, walnuts, coconut, Brazil nuts and pine nuts), table grapes, pomegranates</p>	<p>600 – 1000 g/ha depending on size of tree or vine and degree of infestation.</p>	<p>Apply as a full cover spray, contact with pest is desired for maximum effect. Apply when moth activity peaks or eggs or larvae are first noted. Repeat application every 10-14 days or use in an IPM programme. The higher rate is preferred on large trees, high spray volume application or when pest severity is high.</p>
<p>Mealybug Pome fruit (apples, pears); citrus; grapes</p>		<p>Apply as a full cover spray, from when the pest is first noticed. Ensure coverage of lower leaf surface – contact with pest is desired for maximum effect. Repeat application every 7-14 days. A minimum of three applications is recommended. In severe cases repeat application until the pest is no longer present, or use in an IPM programme. The higher rate is preferred on large trees, for high spray volume application or when pest severity is high.</p>
<p>Woolly whitefly Citrus</p>		<p>Apply as a full cover spray, contact with pest is desired for maximum effect. The higher rate is preferred on large trees, high spray volume application or when pest severity is high. Apply at an early stage of infestation to optimize efficacy. Ensure coverage of lower leaf surface. Repeat application every 7-14 days if necessary.</p>
<p>Red spider mite Stone fruit (peaches, plums, nectarines, cherries)</p>		<p>Apply as a full cover spray, contact with pest is desired for maximum effect. Apply at an early stage of infestation to optimize efficacy. Repeat application every 7-14 days or use in an IPM programme. A minimum of three applications is recommended. The higher rate is preferred on large trees, high spray volume application or when pest severity is high.</p>
<p>Red spider mite Beans, tomatoes, cucumbers, brinjals</p>	<p>300 – 600 g/ha is recommended depending on spray volume, crop, growth stage and pest severity.</p>	<p>Apply as a full cover spray every 7-14 days depending on the severity of the pest. Apply at early stage of infestation for best results.</p>