

INSECTPROTECT

INSECT PROTECTOR



PEST CONTROL

MICROORGANISMS THAT PROTECT AGAINST WHITEFLY MOTH AND MEALYBUG

InsectProtect - B. bassiana is a bioinsecticide that works based on the entomopathogenic activity of the fungus *Beauveria bassiana* against pests from the orders Coleoptera, Lepidoptera, Diptera, and many other orders and families of insects that affect agricultural crops. When applied, **InsectProtect - B. bassiana** infects the digestive system of the insect and causes alterations in its biological cycle, leading to death by dehydration. This innovative product contains a combination of spores and mycelium, which enhances its biocontrol activity compared to other products made solely from fungal spores.

BENEFITS

- Controls whitefly, moth and mealybug
- It can pass from one insect to another using spores.

BIOLOGICAL COMPOSITION

Beauveria bassiana 1x10⁹ UFC/ml

APPLICATION METHOD

InsectProtect - B. bassiana comes from a fresh and metabolically active crop, which is why it is recommended to use it upon receipt. It should be applied early in the morning or in the late afternoon, avoiding prolonged hours of sunlight and solar radiation. The product is applied foliarly directly to the leaves of the plant using conventional spray equipment, whether aerial or ground. Always ensure that the equipment to be used has not previously been exposed to bactericides or fungicides. Clean the equipment thoroughly before use, preferably with neutral powder soap. It is advisable to use a non-ionic surfactant, preferably organic, to improve the product's adhesion to the leaf surface. Using humic acids as a photoprotector is recommended to enhance the bioinsecticide's effectiveness on crop leaves. Do not eat, drink, or smoke during application, and wash your hands before and after using the product. For crops weighing 1-9 kg, it is recommended to dilute 1 liter of **InsectProtect - B. bassiana** in the cleanest natural water possible per hectare. For crops weighing 10-50 kg, use 2 liters per hectare, and for those weighing 60-100 kg, use 3 liters per hectare. Do not dilute in more than 300 L of water for each liter of **InsectProtect - B. bassiana**, because microbial crops require a minimum concentration to be effective



DATA SHEET

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APPLICATION FREQUENCY

It is recommended to make 2-3 applications per hectare for an optimal colonization of the plant with a frequency of 7-10 days each, which will achieve in the plant a healthy nutrition and defense of the crop.

DOSE

Crop	<i>General</i>
Dose	1 L/1 ha
Frequency	7-10 days
Applications	2-3 applications

COMPATIBILITY WITH OTHER PRODUCTS

InsectProtect - B. bassiana is compatible with some fertilizers. In case of applying a bactericide, fungicide, pesticide or insecticide, it is necessary to check the residence time of said product and make sure that the application of **InsectProtect - B. bassiana** is outside this period, as well as wash the material with which the application is going to be made well with neutral soap to ensure that traces of the product are avoided. Consult your technical advisor for compatibility with other products. It is not recommended to apply **InsectProtect - B. bassiana** if a subsequent application of bactericides, fungicides or any similar product is planned as this would kill the population of microorganisms applied with **InsectProtect - B. bassiana**.

STORAGE AND TRANSPORT

Store the product in cool, covered places at room temperature. Do not expose it to the sun's rays.

TOXICITY

100% organic product. It is not phytotoxic at the recommended concentrations, stages and forms of application. In case of ingestion or discomfort at the time of use, induce vomiting and consult your doctor.



DATA SHEET



If you think of microorganisms, think of Microendo.

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