



INSECT PROTECT



DATA SHEET

INSECTPROTECT-Lecanicillium lecanii

InsectProtect-Lecanicillium lecanii is a bioinsecticide whose action is based on the entomopathogenic activity of the fungus *Lecanicillium lecanii* on pests of the orders Hemiptera, Lepidoptera, Diptera, Coleoptera and on mites, which affect agricultural crops.

- **InsectProtect- *Lecanicillium lecanii*** when applied penetrates the insect by the action of enzymes that degrade the exoskeleton, multiplying in the hemocele and producing toxins that cause the death of the insect. Subsequently, the fungus colonizes the entire interior of the host, until the mycelium emerges passing through the integument, sporulates on the surface of the insect and finally the propagules are disseminated to the environment.
- **InsectProtect-Lecanicillum lecanii** is an innovative product that contains a combination of spores and mycelium which increases the speed and intensity of biocontrol compared to other products made only from fungal spores.

BIOLOGICAL COMPOSITION

***Lecanicillium lecanii* 1X10⁹ UFC/ml**

BENEFITS

- Controls aphids and thrips
- It can pass from one insect to another using spores.

APPLICATION METHOD

InsectProtect-Lecanicillium lecanii comes from a fresh and metabolically active culture. Therefore, its use is recommended at the time of receipt. Very early or during the afternoon avoiding long hours of sun and solar radiation.

- The product is applied directly foliar to the leaves of the plant with conventional, aerial or terrestrial spraying equipment. Always make sure that the implement to be used has not had a previous bactericide or fungicide. Wash the implement thoroughly before use. Preferably use neutral powder soap.
- It is recommended to use a non-ionic adherent preferably organic, in order to improve the adhesion of the product to the surface of the leaves.
- It is recommended to use humic acids as a photoprotector, to favor the work of the bioinsecticide on the leaves of crops.
- Do not eat, drink or smoke during applications, wash your hands before and after using the product.

It is recommended to dilute per 2.5 acres, 1 liter of ***InsectProtect-Lecanicillium lecanii*** in natural water as clean as possible for crops of 1-9 kg and for crops of 10-50 kg use 2 liters per 2.5 acres and 60-100 kg use 3 liters per 2.5 acres.

- Do not dilute in more than 300 L per each liter of ***InsectProtect-Lecanicillium lecanii*** because microbial cultures require a minimum concentration to act.

APPLICATION FREQUENCY

It is recommended to make 2-3 applications per 2.5 acres for optimal colonization of the plant with a frequency of 7-10 days each, which will achieve healthy plant nutrition and crop defense.

DOSAGE:

Crop	General
Dosage	1L/2.5 acres
Frequency	7-10 days
Application	2-3 applications



COMPATIBILITY WITH OTHER PRODUCTS

InsectProtect-Lecanicillum lecanii is compatible with some fertilizers.

It is recommended to consult it before mixing them. In case of making an application of any bactericide, fungicide, pesticide, or insecticide it is necessary to review the residence time of said product and ensure that the application of *InsectProtect-Lecanicillum lecanii* is outside this period, as well as washing well the material with which the application is going to be made 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-Lecanicillum lecanii* if a subsequent application of bactericides, fungicides or any similar product is planned because this would end the population of microorganisms applied with *InsectProtect-Lecanicillum lecanii*.



STORAGE AND TRANSPORT CONDITIONS

- 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.



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Let's treat our crops with organic products!