



# INSECT PROTECT



## DATA SHEET

**InsectProtect-Bt** is a bioinsecticide whose action is based on the activity of *Bacillus thuringiensis* variety Kurstaki for the combat of insect larvae of the orders Lepidoptera, Coleoptera and Diptera which makes it an insecticide without adverse effects on beneficial insects and pollinators and compatible with integrated pest management programs.

- **InsectProtect-Bt** produces crystalline inclusions (Cry proteins) during sporulation, which when ingested by the insect larvae causes loss of appetite, then the insect remains on the crop without feeding until it dies of starvation.
- **InsectProtect-Bt** is formulated with a bacterial strain grown with an innovative technology to generate biomass and endotoxin in very high concentrations and high biocontrol activity.

### BIOLOGICAL COMPOSITION

***Bacillus thuringiensis* 1X10<sup>9</sup> UFC/ml**

### BENEFITS

- Fall armyworm control.
- Specific for lepidopteran larvae.
- It can pass from one insect to another using spores.

### APPLICATION METHOD

**InsectProtect-Bt** comes from a fresh and metabolically active crop. 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 bio-insecticide 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-Bt** 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 by more than 300 L per each liter of **InsectProtect-Bt** 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-Bt** 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-Bt** 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-Bt** if a subsequent application of bactericides, fungicides or any similar product is planned because this would end the population of microorganisms applied with **InsectProtect-Bt**



### 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.



**Let's treat our crops with organic products!**

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