

INSECTPROTECT

INSECT PROTECTOR

MICROORGANISMS THAT PROTECT AGAINST RED SPIDER MITE AND MITES



PEST CONTROL

InsectProtect – P. fumosoroseus is a bioinsecticide whose action is based on the entomopathogenic activity of the fungus *Paecilomyces fumosoroseus* on pests of the orders Hemiptera and Homopterous, also has an effect on Lepidoptera and Diptera, insect genres that affect agricultural crops. **InsectProtect - P. fumosoroseus** 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 propaguals are disseminated to the environment. **InsectProtect – P. fumosoroseus** 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.



BENEFITS

- Protect against red spider mite and mites.
- It can pass from one insect to another using spores.

BIOLOGICAL COMPOSITION

Paecilomyces fumosoroseus 1x10⁹ UFC/ml

APPLICATION METHOD

InsectProtect – P. fumosoroseus 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 hectare, 1 liter of **InsectProtect – P. fumosoroseus** in natural water as clean as possible for crops of 1-9 kg and for crops of 10-50 kg use 2 liters per hectare and 60-100 kg use 3 liters per hectare. Do not dilute in more than 300 L per liter of **InsectProtect – P. fumosoroseus** because microbial crops require a minimum concentration to act.

DATA SHEET

INSECTPROTECT

INSECT PROTECTOR

MICROORGANISMS THAT PROTECT
AGAINST RED SPIDER MITE AND MITES



PEST CONTROL

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	General
Dose	1 L/1 ha
Frequency	7-10 days
Applications	2-3 applications

COMPATIBILITY WITH OTHER PRODUCTS

InsectProtect – P. fumosoroseus 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 – P. fumosoroseus** 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 – P. fumosoroseus** if a subsequent application of bactericides, fungicides or any similar product is planned as this would kill the population of microorganisms applied with **InsectProtect – P. fumosoroseus**

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.

www.microendo.com.mx 🌐

info@microendo.com.mx @

33 2603 8388 📞

33 1469 5219 📞