



# TRICOPROTECT



## DATA SHEET

**TricoProtect** is a biofertilizer/biofungicide whose action is based on the activity of fungus *Trichoderma harzianum* that has good qualities for the control of diseases in plants caused by soil pathogens, mainly of the genera *Phytophthora*, *Rhizoctonia*, *Sclerotium*, *Pythium* and *Fusarium* among other.

- **TricoProtect** acts as a hyperparasite that competes against other fungi capable of producing root enzymes (pathogenic fungi) reducing the negative effect that these harmful fungi have on plant health. In this way, they increase the resistance to diseases of crops.
- **TricoProtect** is an innovative product that contains a combination of spores and mycelium as well as B-1,3-glucanase enzymes, chitinases and extracellular proteases secreted in the culture medium which increases the biocontrol activity compared to other products made only from fungal spores.
- **TricoProtect** has the ability to colonize the plant by the root, which helps its prolongation and growth creating a symbiotic relationship with the plant.

### BIOLOGICAL COMPOSITION

- *Trichoderma harzianum* 1x10<sup>9</sup> UFC/ml

### BENEFITS

- Protects against root pathogenic fungi.
- Increases root development.
- Increases fruit development.

### APPLICATION METHOD

**TricoProtect** comes from a fresh and metabolically active culture, so 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 injected to the root or via foliar direct to the leaves of the plant. Always make sure that the implement to be used has not had a previous bactericide or fungicide. Wash the pump thoroughly before use. Preferably use neutral soap powder.
- Do not eat, drink or smoke during applications, wash your hands before and after using the product.
- 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.

It is recommended to dilute, per 2.5 acres, 1 liter of **TricoProtect** 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 liter of **TricoProtect** because microbial cultures require a minimum concentration to act.

## APPLICATION FREQUENCY

It is recommended to make 2-3 applications per 2.5 acres 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.

## DOSAGE:

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



## COMPATIBILITY WITH OTHER PRODUCTS

**TricoProtect** is compatible with some fertilizers.

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 make sure that the application of **TricoProtect** is outside this period, as well as washing well the material with which the application is going to be made with neutral soap to make sure to avoid traces of the product.

Consult your technical advisor for compatibility with other products.

It is not recommended to apply **TricoProtect** if you plan a subsequent application of bactericides, fungicides or any similar product because this would end the population of microorganisms applied in **TricoProtect**.



## AGRICULTURAL USE

**TricoProtect** guarantees a 100% organic and high quality product that can be used for the following crops, although this recommendation is not limited to other agricultural crops: **Vegetables in general:** Cabbage, cauliflower, broccoli, compass cabbage, radish. **Fruit trees in general:** Avocado, citrus, peach, guava, mango, coconut, banana, papaya. **Solanaceae:** Tomato, chili, potato, eggplant, pepper. **Cucurbitaceae:** Cucumber, melon, watermelon, pumpkins. **Seeds:** maize and sorghum wheat, barley and oats. **Berries:** blueberry, raspberry, blackberry, blackberry. **Other crops:** Celery, asparagus, lettuce, onion, chives, carrot, walnut, pineapple, vine, sugar cane, cotton, agaves, oil palm.

## 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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