

# GERMI PROTECT

## MICROORGANISMS TO STIMULATE GERMINATION



SOIL MICROBIOTA

**GermiProtect** owned by Microendo Inc., is a unique and patented biostimulant on the market for seed germination. It works through the action of a microbial consortium that stimulates germination by producing phytohormones, which also promote leaf and root development in the early stages of the plant's life

## BENEFITS

- Stimulates germination.
- Increases root development and number of leaves in the early stages of the plant.



## BIOLOGICAL COMPOSITION

*Enterobacter spp.*  $1 \times 10^{14}$  UFC/ml

## AGRONOMIC USE

**GermiProtect** 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. **Cucurbits:** Cucumber, melon, watermelon, pumpkins. **Seeds:** corn 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.

## APPLICATION METHOD

**GermiProtect** comes from a fresh and metabolically active crop, which is why it is recommended to use it either early in the morning or in the late afternoon, avoiding prolonged hours of sunlight and solar radiation. It is recommended to dilute 1 liter of **GermiProtect** in 100 L of the cleanest natural water possible per hectare (approximately 80,000 seeds). It is advisable to use a non-ionic, preferably organic, surfactant to improve the product's adhesion to the surface of the seeds. Soak the seeds for 1 hour in the 100 L solution, and plant them within 1 week. Keep the seeds in a cool, shaded area. The mixture can be supplemented with bioinsecticides or an organic or chemical fertilizer, as long as the solution's pH range is between 6-8. The product can also be applied during sowing with the tractor. Make sure that the equipment used has not been in contact with bactericides, fungicides, insecticides, or pesticides beforehand. Thoroughly clean the equipment before use, preferably with neutral powder soap. Do not eat, drink, or smoke during application, and wash your hands before and after using the product.

DATA SHEET

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## APPLICATION FREQUENCY

It is recommended to make 2 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	1L/1 ha
Frequency	7-10 days
Applications	3 applications

## COMPATIBILITY WITH OTHER PRODUCTS

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

## 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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