

HEATPROTECT

MICROORGANISMS PROTECTING AGAINST WATER STRESS



PLANT MICROBIOTA

HeatProtect owned by Microendo Inc, is the first product made from the selection of the best microorganisms obtained from desert plants, providing the plant with osmoprotectants that give it tolerance against water stress and salinity, favoring the retention and regulation of water in the cells, being a patented and unique product in the market. With the use of **HeatProtect** you can reduce up to 30% the use of chemical fertilizers. Providing you with a 100% organic solution in a more logical and natural way with the environment.



BENEFITS

- Bio-inoculant specially designed for water stress and salt stress.
- Reduces plant stress due to heat and salt excess.
- It favors the retention of water in roots.
- Stimulates plant growth.
- Protection against pathogenic fungi.

BIOLOGICAL COMPOSITION

Bacillus spp. 1×10^{14} UFC/ml

Enterobacter spp. 1×10^{14} UFC/ml

Pseudomonas spp. 1×10^{14} UFC/ml

AGRONOMIC USE

HeatProtect 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

HeatProtect comes from a fresh and metabolically active crop, so its use is recommended at the time of receipt. The product is applied injected to the root with pump or directly into the irrigation system. 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 this product. It is recommended to dilute per hectare 1L of **HeatProtect** composed of Stimulant, Antistress and Protector, 333 ml of each product in natural water as clean as possible. Do not dilute in more than the indicated amount of **HeatProtect** because microbial crops require a minimum concentration to act. Never put only one of the three components because the three **HeatProtect** products work together to promote resistance to water stress.

DATA SHEET

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APPLICATION FREQUENCY

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

COMPATIBILITY WITH OTHER PRODUCTS

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

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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