

CORNMICROBIOTA

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SPECIFIC MICROORGANISMS FOR CORN GROWTH



PLANT MICROBIOTA

CornMicrobiota Growth owned by Microendo Inc., is the first product made from the selection of the best microorganisms obtained from the same plant of *Zea mays L*, being a patented and unique product in the market. **CornMicrobiota Growth** is a bio-inoculant made from a probiotic mixture that stimulates the growth of *Zea mays L*. In addition to strengthening the immune system of the plant, it reduces stress in it; recovering the natural Microbiota. **CornMicrobiota Growth** works as a growth stimulator for *Zea mays L*, prevents the imbalance of the natural Microbiota in the plant; at the same time it has biofertilization functions potentiating the absorption of nutrients and stimulating the growth of the plant, formation of new leaves and roots through nitrogen fixation activities, solubilization of phosphates and production of auxins. With the use of **CornMicrobiota Growth** you can reduce the use of your chemical fertilizers by up to 50%. Providing you with a 100% organic solution in a more logical and natural way with the environment.



BENEFITS

- ✦ Stimulates plant growth
- ✦ Stimulates the number of leaves and roots.
- ✦ Recommended for Growth Stage V4-V10.

BIOLOGICAL COMPOSITION

Pantoea spp. 1×10^{14} UFC/ml

Enterobacter spp. 1×10^{14} UFC/ml

APPLICATION METHOD

CornMicrobiota Growth comes from a fresh and metabolically active crop, so its use is recommended at the time of receipt. The product is applied in a foliar route, 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 powder soap. Do not eat, drink or smoke during applications, wash your hands before and after using the product. It is recommended to dilute, per hectare, 700 ml of **CornMicrobiota Growth** Antistress (200 ml) and Stimulant (500 ml) in natural water as clean as possible. Dilute in 200 liters to 300 L per hectare, ensuring to cover the surface of the leaves well. Do not dilute in more than 500 L per liter of **CornMicrobiota Growth** because microbial crops require a minimum concentration to act. 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.

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	<i>Zea mays L</i>
Dose	700ml/1 ha
Frequency	7-10 days
Applications	2 applications

COMPATIBILITY WITH OTHER PRODUCTS

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

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