

# CORNMICROBIOTA

## CORN MICROBIOTA

### SPECIFIC MICROORGANISMS FOR CORN GERMINATION



PLANT MICROBIOTA

**CornMicrobiota Germination** 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 Germination** is a bio-inoculant made from a probiotic mixture that stimulates the germination of *Zea mays L*. In addition to increasing the height of the cotyledon and strengthening the plant's immune system, reducing stress on it; recovering the natural Microbiota. **CornMicrobiota Germination** works as a germination activator for *Zea mays L*, stimulating germination and cotyledon height, as well as avoiding the imbalance of the natural microbiota of the plant has biofertilization functions potentiating the absorption of nutrients and stimulating the growth of primordium, formation of leaves and new roots through nitrogen fixation activities, production of siderophores, solubilization of phosphates and production of auxins. With the use of **CornMicrobiota Germination** 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 seed germination.
- Stimulates the cotyledon height.
- Recommended for Germination and Stage VI-V3.

## BIOLOGICAL COMPOSITION

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

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

## APPLICATION METHOD

**CornMicrobiota Germination** comes from a fresh and metabolically active crop, which is why it is recommended for use at the time of reception. It is recommended to dilute per hectare (80,000 seeds approx.) 700 ml of **CornMicrobiota Germination** Anti-stress (500 ml) and Stimulant (200 ml) in natural water as clean as possible. It is recommended to use a non-ionic adherent of organic preference or OMRI registered, in order to improve the adhesion of the product to the surface of the seeds. Soak the seeds in the 100 L solution for 1 hour and sow in less than 1 week. Keep the seed in shade and a cool place. The mixture can be supplemented using bioinsecticides or some organic or chemical fertilizer. As long as the pH of the final solution is in the range of 6-8 pH. The product can also be used at the time of sowing the seed along with the tractor, as long as it is made sure that the implement to be used has not had a previous bactericide, fungicide, insecticide or pesticide. Wash the implement thoroughly before use. Preferably use neutral powdered soap. Do not eat, drink or smoke during applications, wash your hands before and after using the product.

# DATA SHEET

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CORN GERMINATION

## APPLICATION FREQUENCY

It is recommended to make 1 application per hectare for an optimal colonization of the plant with a frequency of 1-7 days each, which will achieve in the plant a healthy nutrition and defense of the crop.

## DOSE

Crop	General
Dose	700ml/1 ha
Frequency	1-7 days
Applications	1 application

## COMPATIBILITY WITH OTHER PRODUCTS

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

## 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.

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If you think of microorganisms, think of Microendo.

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