

# DESCRIPTION BIOSTIMULANT

It is a biological product composed of beneficial microorganisms such as nitrogen fixing bacteria, phosphorus solubilizing bacteria and fermentation extracts, as well as natural substances that promote the activation of the life of the rhizosphere. It is a unique product that allows an application by irrigation. It is concentrated and this allows to treat great extensions with little product.

## Characteristics and mode of action

Formulation specifically studied to apply in any crop, at any stage of growth of the plant through the existing irrigation system. It is particularly indicated to enhance the effect of mycorrhizae on previously inoculated plants. Among the benefits it provides to plants are: better resistance to stress, greater absorption of N, P, K and nutrients in general. Increased resistance to pathogens and nematodes. It increases the length of the root hairs and increases the microbial activity. The plant reduces the damage of the cold, has greater growth in poor soils and allows greater tolerance to drought, toxins and extreme pH. This allows us to reduce the use of fertilization and pesticides.

## Format

It is a powdered product and it is formulated to apply by irrigation in plants of nurseries and for the transplanting to field of vegetables and fruit trees. For a synergistic effect with the mycorrhizae it is recommended to pre-inoculate the plant with Endoplant.



# BIOSTIMULANT DATASHEET

**Genera and species of fungi:** PGPR Bacteria, nitrogen fixing bacteria, phosphorus solubilizing bacteria (*Bacillus*, *panibacillus*, *Sacharomyces*)

**Number of viable microorganisms:**  $8 \times 10^7$  ufc/g

**Composition:** the product is composed of spores, supported on a carrier of clays and silicates

## Physical-chemical analysis of the product:

Seaweed extracts: (*Ascophyllum nodosum*): 7%

Total humic extract: 25%

Clays and Silicates: 3%

PH: 5.6

Density: 0.7 Kg/L

## Expiration of the product

18 months if you follow the following safety measures: Do not expose to direct sunlight, keep in a cool and dry place

## Instructions for use

Apply the product after having previously dissolved in the water of the mix tank for sprinkling, dripping or irrigation located with backpack. The most appropriate time is after transplantation or germination. It is recommended to apply in the evenings or in the coolest hours of the day. Do not apply fungicides or herbicides.

## Dosage

<b>NURSERY</b>	Container up 3 L: 0.2 g/ plant Container up 7 L: 0,3 g /plant
<b>FIELD VEGETABLES</b>	Transplant: 0.2 g/plant Field: 2.5 Kg/Ha
<b>GRASS</b>	Seeding: 2-4 g/m <sup>2</sup> .
<b>FRUIT AND VINEYARD</b>	Transplant: 0.5 g/plant

It is recommended to repeat the application 2-4 times a year

