

# Rizobac

MICROBIAL INOCULANT &  
NATURAL ROOTING BIOSTIMULANT



Certified in Organic Agriculture

**Rizobac** is a product which combines the properties of a soil beneficial bacteria inoculant with those of a natural rooting biostimulant. The microorganisms contained in **Rizobac**, in combination with its rich in nutrients substrate, create an excellent environment in the soil, which promotes rooting and root system function, enhances plants nutrition and fortifies plants resistance against stress caused by various factors.

### STANDARD ANALYSIS

- Beneficial soil bacteria at a population of  $1 \times 10^{11}$  cfu\*/l (*Bacillus subtilis*, *Bacillus pumillus*, *Bacillus licheniformis*, *Bacillus megaterium*, *Azotobacter*)
- Natural plant growth regulators (cytokinins, auxins, gibberellins, betains)
- Vitamins (including B12, B2 and C)
- Amino acids
- Mono- and oligo- saccharides
- Polysaccharides
- Trace elements (Fe, Mn, Cu, Mg, Zn, Ca, B, S)
- Humic and fulvic acids
- Oils

### CROPS

- Vegetables - Horticulture
- Legumes
- Trees - Vineyard
- Ornamental plants
- Strawberry
- Tobacco
- Aromatic plants
- Potato
- Lawn
- Nurseries - Seedbeds

### PROPERTIES

#### Microbial inoculant

- It enriches soil with beneficial microorganisms which become plant symbiots and produce metabolites which promote root system growth.
- It acts as a root system protective shield, which enhances plants tolerance to stress caused by environmental and biotic factors.
- It improves soil biological structure.
- It contributes to the development of highly productive plants, with enhanced tolerance to adverse conditions.

#### Rooting stimulant

- Excellent rooting biostimulant for all types of plantlets.
- It ensures fast and secure establishment of all transplanted crops to the field.
- It improves soil physicochemical properties, promoting root penetration even to compact soils.
- It enhances cation exchange capacity (CEC) between roots and soil.
- It accelerates cellular processes (meiosis and mitosis) which result in root tissue growth.



### PACKAGES

Plastic Bottle 250 ml	box of 50 pieces
Plastic Bottle 1 l	box of 12 pieces
Plastic Cont. 4 l	box of 4 pieces
Plastic Cont. 12 l	-
Plastic Cont. 25 l	-
*Plastic Drum 200 l	-
*Pl. Tank (IBC) 1,000 l	-

\*cfu: colony forming units

\*Available upon request