

# Bacta-Mix

SOILACTIVATOR  
WITH BENEFICIAL BACTERIA



**Bacta-Mix** is a soil activator - organic fertilizer formulated in water soluble powder which contains spores of beneficial soil bacteria. The role of these bacteria in the soil is versatile. Bacilli *Bacillus pumilis*, *Bacillus subtilis*, *Bacillus licheniformis*, *Bacillus megaterium* form auxins and other phytohormones that help in the creation of a large and dense tassel in the root. The strain *Bacillus Megaterium vP* is capable of creating substances which dissolve the insoluble in the water phosphorus of the soil by converting it into forms easily assimilable by plants. *Azotobacter* bacteria bind atmospheric nitrogen and release it in the form of ions that is later converted in the nitrate form which is absorbed by the plants.

**STANDARD ANALYSIS**

- Beneficial soil bacteria in population of  $1 \times 10^{11}$  cfu\*
- Organic Nitrogen (N): 5.50%

**CROPS**

- Open field vegetables
- Green house vegetables
- Leafy vegetables
- Legumes
- Aromatic plants
- Strawberry
- Trees
- Vineyard
- Ornamental plants
- Nurseries
- Seedbeds
- Lawn

**PROPERTIES**

- Stimulates and promotes the growth of the root system.
- Assists in the increase of the productivity of plants.
- Fortifies the vigour of plants.
- Promotes the growth of crops.
- Increases gradually the content of the nitrogen and the assimilable phosphorus in the soil.
- Improves the soil conditions for the production of productive and healthy plants.
- Facilitates the root penetration.
- Increases the ability of plants for nutrient and water uptake.



**PACKAGES**

Envelope	20 g	pack of 16 pieces
*Plastic Jar	250 g	box of 40 pieces
*Plastic Jar	500 g	box of 30 pieces
*Paper Box	1 kg	box of 10 pieces
*Plastic Pail	2.5 kg	box of 4 pieces
*Plastic Pail	5 kg	-
*Cart Box	20 kg	-

\*Available upon request

\*cfu: colony forming units