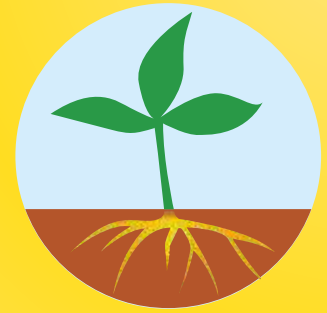


AzoSpir

SOIL ACTIVATOR WITH
BENEFICIAL NITROGEN FIXING BACTERIA



bio Certified in Organic Agriculture

AzoSpir is a microbial soil inoculant containing beneficial nitrogen-fixing bacteria. Actually, it contains bacteria of the genus *Azospirillum*, which are symbiotic bacteria found naturally on roots and root hairs of plants and bacteria of the genus *Azotobacter*, which are free-living soil bacteria. These bacteria bind the atmospheric nitrogen and convert it to ammonia and, simultaneously, produce substances (IAA, GA) which enhance growth and health of the root system. **AzoSpir** contains an ideal combination of organic plant nutrients which is used as a nutrient substrate by the beneficial nitrogen-fixing bacteria. Last, the nutrient content of **AzoSpir** improves the physico-chemical properties of soil.

STANDARD ANALYSIS

- Beneficial soil bacteria in population of 2×10^{12} cfu*/l (*Azospirillum*, *Azotobacter*)
- Humic acids
- Amino acids
- Sugars
- Natural plant growth substances

CROPS

- Cereals
- Rice
- Vegetables-Horticulture
- Trees
- Vineyard
- Ornamental plants
- Ornamental bushes

PROPERTIES

- It increases gradually the soil content in readily available to plants nitrogen, providing a stable growth to crops.
- It restricts the use of chemical nitrogen fertilizers, contributing to the protection of the environment.
- It contributes to a better air circulation in the soil and an enhanced penetration of the root system.
- It improves physicochemical soil properties.
- It enriches soil with organic matter which is vital for beneficial microbial populations.
- It enhances cation exchange capacity of roots.
- It increases significantly seeds germination.
- It enriches soil with beneficial microorganisms which live in symbiosis with plants and produce substances that assist with the growth of their root system.
- It increases crop yield and it contributes to the growth of productive plants with enhanced resistance under stress conditions.
- It increases the profit of the farmer.



PACKAGES

Plastic Bottle 250 ml	box of 50 pieces
Plastic Bottle 1 l	box of 12 pieces
Plastic Cont. 5 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