

AzoRiz

SOIL ACTIVATOR WITH
BENEFICIAL NITROGEN FIXING BACTERIA



Certified in Organic
Agriculture

AzoRiz is a microbial soil inoculant containing beneficial nitrogen-fixing bacteria. Actually, it contains bacteria of the genus *Rhizobium* which are symbiotic bacteria found naturally on roots and root hairs of leguminous 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. **Azoriz** 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 **Azoriz** improves the physico-chemical properties of soil.

STANDARD ANALYSIS

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

CROPS

- Legumes (Beans, Peas, Lentils, Chickpeas)
- Soya
- Peanut
- Clover
- Alfalfa
- Carrot
- Beetroot
- Sweet potato
- Oil seeds

*cfu: colony forming units

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 20 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	-

*Available upon request