

DESCRIPTION

NODOFIX

Nitrogen-fixing bacteria are excellent in providing this macronutrient, as they transform it into Ammonium, which facilitates assimilation by plants. In legumes, conversion takes place through a symbiosis between plant roots and bacteria (*Bradyrhizobium* spp. and *Rhizobium* spp.), forming nodules. In grasses, the endophytic bacteria (*Azospirillum* spp.), which concentrate mainly in the roots, provide the nitrogen available to the plants. These bacteria also stimulate the production of alitohormones (indoleacetic acid - AIA, cytokinin and gibberellin) responsible for plant growth in the aerial and root parts.

NODOFIX SOY

Nodofix Soy has selected bacterial strains (*Bradyrhizobium japonica* and *Bradyrhizobium diazoefficiens*) that increase the potential for biological nitrogen fixation in soybeans. When applied via seed treatment or in-furrow, the inoculant is concentrated close to the roots, favoring plant-bacteria symbiosis.

BENEFITS

- High-quality inoculant
- Easy to apply
- Excellent source of Nitrogen
- Less environmental impacts
- Selected bacteria with high nodulation capacity
- Excellent value for money

NODOFIX CORN

Nodofix corn is a liquid inoculant composed of a pure culture of bacteria (*Azospirillum brasilense* - AbV5 and AbV6), which enhances plant growth.

BENEFITS

- High-quality inoculant
- Less environmental impacts (less pollutant)
- Increased root area (improves nutrient and water absorption, increasing tolerance to water and saline stress)
- Excellent source of Nitrogen
- Productivity increase
- Easy to apply
- Stimulates the production of phytohormones
- Excellent value for money
- Selected bacteria from *Azospirillum brasilense*

