

CORN INOCULANT PRODUCTS



TerraMax's Corn Inoculant utilizes a unique bacterium called *Azospirillum*. *Azospirillum* is a Nitrogen Fixing Bacteria (NFB) and it is also a known root growth enhancer by supplying the plant with plant growth hormones. The effectiveness shown in the use of *Azospirillum* in corn crops has shown to consistently increase yields, by providing the plant a nitrogen source later in the growth cycle. The use and effectiveness of *Azospirillum* as a Corn Inoculant is as effective as *Bradyrhizobium* is as a Soybean Inoculant.

All TerraMax Corn Inoculant contain our proprietary stabilization formulation and two strains of *Azospirillum*, for longer in tank compatibility and 2-year shelf life.

MicroAZ-IF Liquid™

IN-FURROW TREATMENT FOR CORN

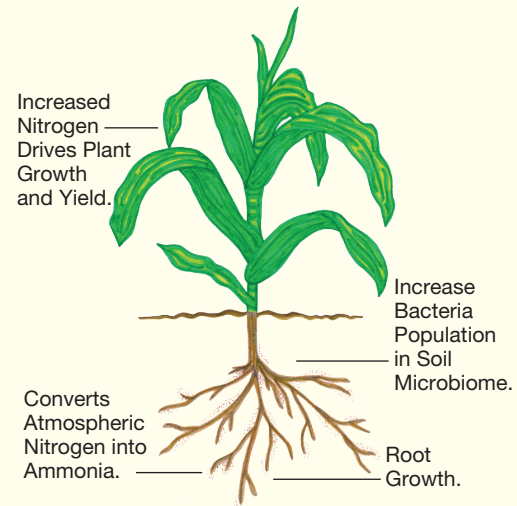
MicroAZ-IF is an in-furrow inoculant for corn that contains the stabilized bacteria *Azospirillum*. It's easy to use and can be tank mixed with starter fertilizers.

The *Azospirillum* in MicroAZ-IF harvests and fixes atmospheric nitrogen so that it can be used by the plant; it also exudes plant-like compounds that stimulate root development for improved nutrient uptake and increased yields. Once the planted seed germinates and the roots start to develop, the bacteria attach to the roots and begin to work.

The root stimulation effects by *Azospirillum* create even more attachment sites and an environment that allows the bacteria to thrive. The nitrogen fixing capability of the bacteria allow the plant to use nitrogen from sources other than the applied nitrogen. These functions allow the plant to better utilize the available soil nutrients.

BENEFITS

- Fixes Atmospheric Nitrogen
- Stimulates Root Growth
- Accelerates Germination
- Promotes Better Stand
- Increases Drought Tolerance



MicroAZ-ST Dry



DRY SEED TREATMENT FOR CORN

TerraMax's MicroAZ-ST Dry contains two species of beneficial bacteria, *Azospirillum brasilense* and *Azospirillum lipoferum*.

MicroAZ-ST Dry is a special nutrient blend that provides superior stability ensuring the bacteria's survival and allowing it to get the job done. This product is used to stimulate germination and rooting in grasses which can lead to increased plant stand, root mass, and root yield.

- THE MICRO AZ-ST DRY ADVANTAGE**
- Two Strains of *Azospirillum*
- Improves Plant Growth
- Fixes Nitrogen
- Stimulates Rooting
- Increases Yields



Guaranteed Minimum Analysis:
5 x 10⁶ *Azospirillum* per gram

Application Rate:
2 ounces per 80,000 kernels
Available in 2 ounces or 5 lbs jars

Available in Organic:
Az Green-IF Liquid In-Furrow
Corn Inoculant
TerraMax AZ Green ST Dry Seed
Treatment for Corn

PSB-IF™ & Vertex-IF™

PSB-IF IN FURROW TREATMENT

TerraMax PSB (Phosphorous Solubilizing Bacteria) is designed to provide a new form of biological kick start to improve the availability and efficiency of phosphorus in soil. Particularly where the soils are “phosphorous responsive”, soils where phosphorous is present but unavailable. PSB’s unique soil acidifying activity will support the release of phosphorous from soil particles and enable improved accessibility of the phosphorous to the plants.

Improves Phosphorous Availability
Not Crop Specific
Promotes Better Stand
2 Year Shelf Life

Available in Organic:
PSB Green

VERTEX-IF ROW CROP INOCULANT

Vertex-IF is an in-furrow row crop inoculant that combines two great TerraMax Products: MicroAZ-IF and Micro PSB-IF in to one amazing product for ease of use and greater yield potential.

The proven performance of MicroAZ-IF and Micro PSB-IF in Vertex-IF gives the plant the benefits of fixing atmospheric nitrogen and increasing root growth through the stabilized bacteria *Azospirillum* and it also has the benefit of improving the availability and efficiency of phosphorus in the soil using phosphorous solubilizing bacteria called *Pseudomonas*.

Fixes Atmospheric Nitrogen (NFB)
Stimulates Root Growth
Releases Phosphorous from Soil Particles
Compatible with Most Starter Fertilizers



Guaranteed Minimum Analysis:
(In-Furrow Treatment)
2 x 10⁶ *Pseudomonas*
2 x 10⁶ *Pantoea*

Application Rate: 16 ounces per acre
Available in 2.5-gallon jugs.



Guaranteed Minimum Analysis:
2 x 10⁵ *Azospirillum*
2 x 10⁶ *Pseudomonas*
2 x 10⁶ *Pantoea*

Use Rate: 16 oz. per acre
in-furrow application
Available in 2.5-gallon jugs.
Treats 20 acres



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