

CORN INOCULANT PRODUCTS



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 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

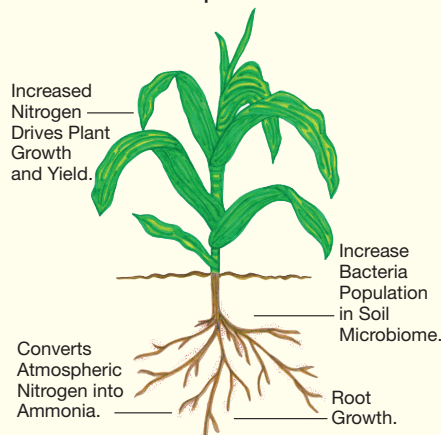
Fixes Atmospheric Nitrogen

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*.

MicroAZ-ST Dry 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 Root Growth
Increases Yields
2 Year Shelf Life

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

Guaranteed Minimum Analysis:
5 x 10⁵ *Azospirillum* per gram

Application Rate:
2 ounces per 80,000 kernels
Available in 20 ounces or 5 lbs jars



Vertex-IF™



VERTEX-IF IN-FURROW TREATMENT FOR CORN

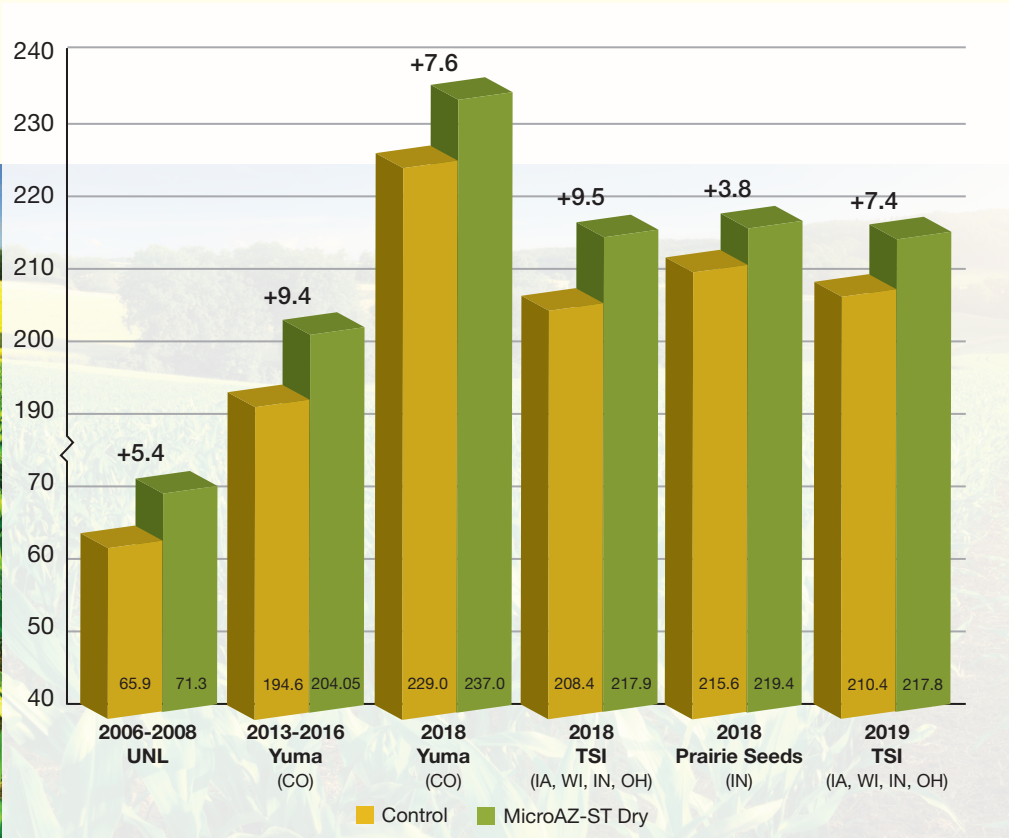
Vertex-IF is an in-furrow corn inoculant that combines two great TerraMax Products: MicroAZ-IF and Micro PSB-IF in to one amazing product for ease of use and greater yield potential.

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:
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



Vertex-ST Dry™ & PSB-IF™

VERTEX-ST DRY SEED TREATMENT FOR CORN

The same power that combines two great TerraMax products, MicroAZ-IF and Micro PSB-IF, is also available in a dry powder formulation. Vertex-ST Dry combines our Phosphorous Solubilizing Bacteria, along with our nitrogen fixing bacteria *Azospirillum* for ease of use and greater yield potential

The proven performance of MicroAZ-IF and Micro PSB-IF in Vertex-ST 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*.

Guaranteed Minimum Analysis:

Pseudomonas fluorescens 2×10^6 per ml
Pseudomonas baetica 2×10^6 per ml
Pseudomonas xanthomarina 2×10^6 per ml
Pantoea eucalypti 2×10^6 per ml
Azospirillum lipoferum 2×10^5
Azospirillum brasilense 2×10^5

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



Application Rate:
Available in 20 ounces or 5 lbs jars
2 ounces per 80,000 bag
5 lb treats 40 bags



Guaranteed Minimum Analysis:
(In-Furrow Treatment)
 2×10^6 *Pseudomonas*
 2×10^6 *Pantoea*

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

TerraMax, Inc.
3650 Dodd Road
Eagan, MN 55123
952.657.5592 | www.terramaxag.com

July 2021