

Vertex-IF

BIOLOGICAL NITROGEN FIXATION & PHOSPHORUS AVAILABILITY

Biological inoculant that naturally fixes atmospheric **nitrogen**, increases root stimulation and mobilizes **phosphorus** for stronger, more productive corn.



HOW IT WORKS

Vertex-IF combines three beneficial microbes that work together to improve nutrient availability and plant development throughout the growing season.

Azospirillum brasilense

- Fixes atmospheric nitrogen and stimulates root growth

Pantoea eucalypti

- Mobilizes phosphorus, making more available to the plant.

Pseudomonas fluorescens

- Enhances phosphorus availability and supports root health.

Together, these microbes help corn plants access more nutrients, build stronger root systems, and achieve greater yields.

BENEFITS



Phosphorus Availability

Makes phosphorus available to the plant.



Nitrogen Fixation

Features stabilized *Azospirillum* bacteria to naturally fix atmospheric nitrogen, reducing the need for synthetic fertilizers.



Improved Root Growth

Promotes stronger root systems to support nutrient uptake and stress resilience.



Increased Yield

Leverages the synergy of two trusted **TerraMax products for maximum return on investment.**

PFR PROVEN PERFORMANCE

3 Year Multi-Location ROI

\$10.90



Vertex-IF

\$3.97



SB4400

Maximizing Earth's Potential

2020 RESULTS

IN-FURROW TREATMENTS	PERCENT MOISTURE	BU./A.	BU./A. DIFFERENCE	RETURN ON INVESTMENT
Control: Starter (5 gal. PureGrade® Diamond 6-24-6)	15.8	207.5	--	--
Starter + 1 pt. Vertex-IF	15.6	214.6	+7.1	+\$17.91
Starter + 1 pt. SB4400	15.4	214.0	+6.5	+\$14.88
Starter + 4.5 oz. Terrasym® 408	15.7	211.5	+4.0	+\$7.86
Starter + 1 qt. Bio Pass™	15.4	209.0	+1.5	-\$15.55

Corn \$3.72/Bu. Vertex-IF \$68.00/gal. Bio Pass™ \$84.50/gal. SB4400 \$74.40/gal. Terrasym® 408 \$1.56/oz. These results are based on the disclosed study parameters and participating sites.

DIRECTIONS FOR USE:

- Use at a rate of 16 oz. per acre.
- Apply in furrow on or below seed in a 1x1 or 2x2 placement.
- This package treats 20 acres.

GUARANTEED MINIMUM ANALYSIS

Pseudomonas fluorescens 2 x 10⁶ per ml (cc)
Pantoea eucalypti 2 x 10⁶ per ml (cc)
Azospirillum brasilense 2 x 10⁴ per ml (cc)

Made in the USA 

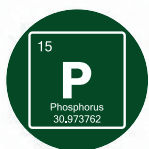
Vertex-ST Dry

SEED TREATMENT INOCULANT FOR CORN

Biological seed treatment that naturally fixes atmospheric **nitrogen**, increases root stimulation and mobilizes **phosphorus** for stronger, more productive corn.



Vertex-ST Dry for corn is a seed treatment inoculant that combines two great technologies: Azospirillum, which is a natural **nitrogen** fixing bacteria and our **phosphorus** solubilizing bacteria into one amazing product for ease of use and greater yield potential.



The proven performance of our Azospirillum and PSB in Vertex-ST Dry gives the plant the benefits of fixing atmospheric nitrogen and increasing root growth through the stabilized bacteria. In addition to these benefits, the seed treatment also improves the availability and efficiency of phosphorus in the soil.



ACTIVE INGREDIENTS:

Azospirillum brasilense 2 x 10⁴ per gram

Pseudomonas fluorescens 2 x 10⁶ per gram

Pantoea eucalypti 2 x 10⁶ per gram

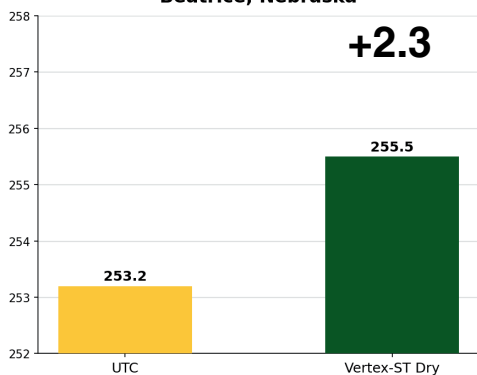


DIRECTIONS FOR USE:

Use at a rate of 2 oz. per bag of seed or 80,000 kernels.

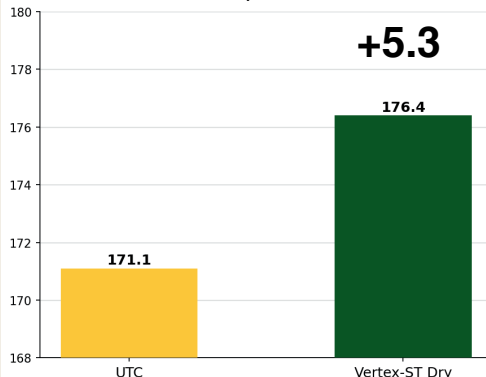
Beatrice, Nebraska

+2.3



Watertown, South Dakota

+5.3



Jackson, Minnesota

+6

