

QuickRoots® Technology

Protect corn from stress with increased moisture and nutrient availability

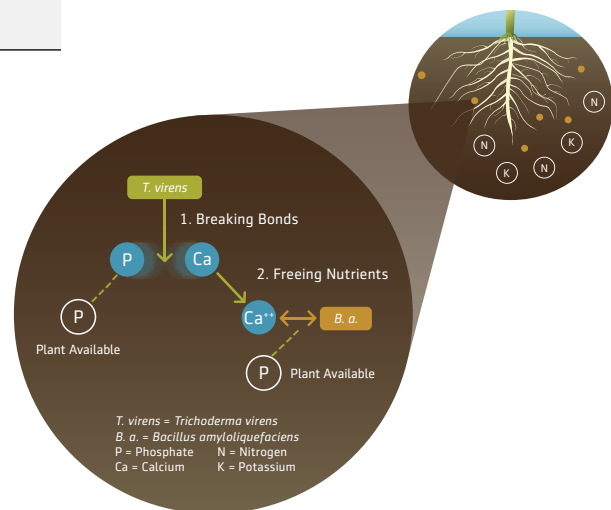
QuickRoots® technology helps maximize corn yield — especially in fields with limitations in moisture or nutrient availability.

BENEFITS OF USING QUICKROOTS TECHNOLOGY

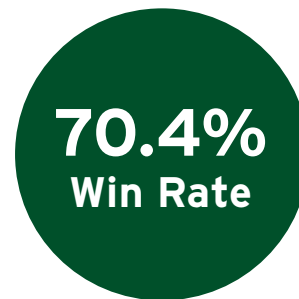
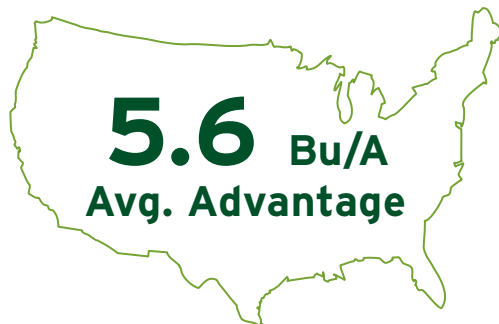
- Increases phosphate availability and uptake, which increases root volume
- Larger root volume helps the plant access more moisture and nutrients, including nitrogen and potassium

HOW THE TECHNOLOGY WORKS

1. The microbes *Bacillus amyloliquefaciens* and *Trichoderma virens* release enzymes that convert organic phosphate, which is not readily available to the plant, to plant-available phosphate.
2. Improved phosphate availability can lead to expanded root volume, which enhances moisture, nitrogen and potassium uptake.
3. This ultimately can enable optimal plant growth and increased yield potential.



PRODUCT PERFORMANCE



In 670 independent, replicated small-plot and large-plot trials conducted over 12 years, corn treated with QuickRoots® technology microbial seed inoculant outyielded corn not treated with QuickRoots® technology by an average of 5.6 bushels per acre. Data as of April 16, 2018. Individual results may vary.

PRODUCT DETAILS

Packaging may vary.

QuickRoots® technologies are not fungicides and will not replace your current fungicide seed treatment.

QuickRoots® PB Corn Multi-Crop Inoculant

Active Ingredients	Packaging	Application Rate	Case Treats
210 million (2.1 x 10 ⁸) viable cfu/g <i>Bacillus amyloliquefaciens</i>	10 x 25 unit	16 g/80,000 seeds (unit)	250 units
50 million (5 x 10 ⁷) cfu/g <i>Trichoderma virens</i>	200 units		200 units

Always read and follow label directions

QuickRoots® WP Corn Multi-Crop Inoculant

Active Ingredients	Packaging	Application Rate	Case Treats
310 million (3.1 x 10 ⁸) viable cfu/g <i>Bacillus amyloliquefaciens</i>	625 units	7.2 g/80,000 seeds (unit)	625 units
74 million (7.4 x 10 ⁷) cfu/g <i>Trichoderma virens</i>			

Always read and follow label directions

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Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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