



# QuickRoots® Technology

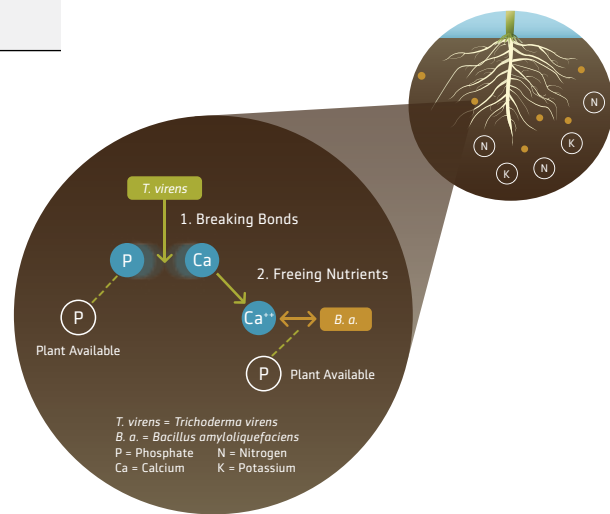
QuickRoots® technology helps maximize canola, cotton and sorghum yields — especially in fields with limitations in moisture or nutrient availability.

## 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
- Wettable powder and dry planter box formulations

## 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 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	Crop
210 million (2.1 x 10 <sup>8</sup> ) viable cfu/g <i>Bacillus amyloliquefaciens</i> 50 million (5 x 10 <sup>7</sup> ) cfu/g <i>Trichoderma virens</i>	10 x 400 g pouch	16 g/50 lbs seeds (bag)	250 bags	Canola
		16 g/220,000 seeds (unit)	250 units	Cotton
		16 g/50 lbs seeds (bag)	250 bags	Sorghum
	3.2 kg pail	16 g/50 lbs seeds (bag)	250 bags	Canola
		16 g/220,000 seeds (unit)	250 units	Cotton
		16 g/50 lbs seeds (bag)	250 bags	Sorghum

Always read and follow label directions

### QuickRoots® WP Corn Multi-Crop Inoculant

Active Ingredients	Packaging	Application Rate	Case Treats	Crop
310 million (3.1 x 10 <sup>8</sup> ) viable cfu/g <i>Bacillus amyloliquefaciens</i> 74 million (7.4 x 10 <sup>7</sup> ) cfu/g <i>Trichoderma virens</i>	4.5 kg pail	10 g/50 lbs seeds (bag)	450 bags	Canola
		6 g/250,000 seeds (unit)	750 units	Cotton
		10 g/50 lbs seeds (bag)	450 bags	Sorghum

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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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