

QuickRoots® Technology

Improve nutrient availability in your pulse, sunflower and sugar beet

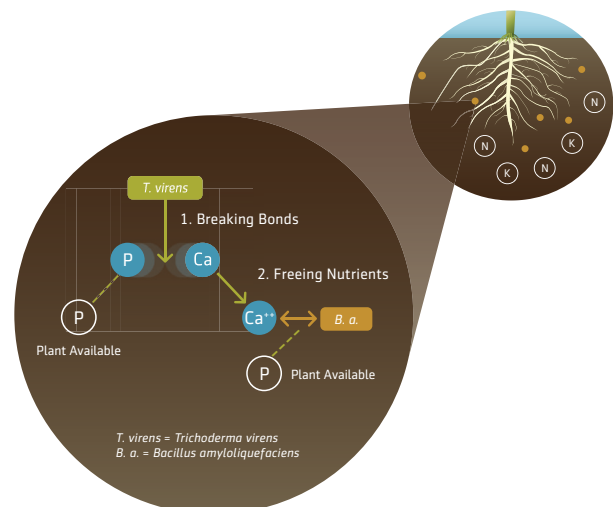
QuickRoots® technology helps maximize pulse, sunflower and sugar beet yields – especially in fields with limitations in moisture or nutrient availability. The microbes *Bacillus amyloliquefaciens* and *Trichoderma virens* help increase the availability and uptake of nitrogen, phosphate and potassium. The availability of additional N, P and K supports development of bigger roots, which helps increase uptake of moisture and nutrients to enable better plant growth and increased yield potential.

Benefits of Using QuickRoots Technology:

- Increases nutrient availability, including nitrogen, phosphate and potassium
- Supports development of bigger roots, which help increase uptake of moisture and nutrients
- Enables better plant growth and increases yield potential
- Performs in fields with limitations in moisture or nutrient availability

How the Technology Works:

1. The microbes *Bacillus amyloliquefaciens* and *Trichoderma virens* have the ability to release phosphate in the soil not available to the plant.
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

QuickRoots® microbial seed inoculant is not a fungicide and it will not replace your current fungicide seed treatment.

◆ QuickRoots® PB Soybean Multi-Crop Inoculant				
Active Ingredients	Packaging	Application Rate	Case Treats	Crop
240 million (2.4 x 10 ⁸) viable cfu/g <i>Bacillus amyloliquefaciens</i> 57 million (5.7 x 10 ⁷) cfu/g <i>Trichoderma virens</i>	10 x 440 g	17.6 g per 100,000 seeds (unit)	250 units	Sugar Beet
		35.2 g per 200,000 seeds (unit)	125 units	Sunflower
		8.8 g per 104,000 seeds (unit)	520,00 seeds	Dry Bean
		8.8 g per 140,000 seeds (unit)	700,000 seeds	Chickpeas
		8.8 g per 240,000 seeds (unit)	1.2 million seeds	Field Pea
		8.8 g per 440,000 seeds (unit)	2.2 million seeds	Lentil
	4.4 kg pail	17.6 g per 100,000 seeds (unit)	250 units	Sugar Beet
		35.2 g per 200,000 seeds (unit)	125 units	Sunflower
		8.8 g per 104,000 seeds (unit)	520,000 seeds	Dry Bean
		8.8 g per 140,000 seeds (unit)	700,000 seeds	Chickpeas
		8.8 g per 240,000 seeds (unit)	1.2 million seeds	Field Pea
		8.8 g per 440,000 seeds (unit)	2.2 million seeds	Lentil

◆ QuickRoots® WP Soybean Multi-Crop Inoculant				
Active Ingredients	Packaging	Application Rate	Case Treats	Crop
300 million (3.0 x 10 ⁸) viable cfu/g <i>Bacillus amyloliquefaciens</i> 30 million (3.0 x 10 ⁷) cfu/g <i>Trichoderma virens</i>	10 x 200 g	8.0 g per 100,000 seeds (unit)	250 units	Sugar Beet
		30.0 g per 200,000 seeds (unit)	66 units	Sunflower
		1.0 g per 26,000 seeds (unit)	52 million seeds	Dry Bean
		1.0 g per 35,000 seeds (unit)	70 million seeds	Chickpeas
		1.0 g per 60,000 seeds (unit)	120 million seeds	Field Pea
		1.0 g per 110,000 seeds (unit)	220 million seeds	Lentil
	4.8 kg pail	8.0 g per 100,000 seeds (unit)	600 units	Sugar Beet
		30.0 g per 200,000 seeds (unit)	160 units	Sunflower
		1.0 g per 26,000 seeds (unit)	125 million seeds	Dry Bean
		1.0 g per 35,000 seeds (unit)	168 million seeds	Chickpeas
		1.0 g per 60,000 seeds (unit)	288 million seeds	Field Pea
		1.0 g per 110,000 seeds (unit)	528 million seeds	Lentil

Always read and follow label directions

PRODUCT DETAILS

Acceleron® BioAg
800 N. Lindbergh Blvd.
St. Louis, MO, 63167, USA
877-775-8787

IT IS IMPORTANT TO USE PROPER PPE WHEN HANDLING TREATED SEED.

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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