

QuickRoots®

CANOLA

CORN

FIELD PEA

LENTIL

SMALL GRAINS

SOYBEAN

BIOLOGICALS FOR NUTRIENT AVAILABILITY

QuickRoots® inoculant for canola, corn, field pea, lentil, small grains and soybean can improve nutrient availability and uptake. The *Bacillus amyloliquefaciens* and *Trichoderma virens* based treatment helps increase availability and uptake of nitrogen, phosphate and potassium. Its ability to release nutrients from the soil helps maximize the effectiveness of your inputs and improve your yield potential.

By growing directly on your crop's roots, QuickRoots works to improve nutrient availability and uptake. The microbial inoculant performs in a variety of soil conditions and types (including soils low in phosphate availability). This can enable optimal plant growth and increased yield potential.

BENEFITS OF USING QUICKROOTS

NPK

Improved availability of nitrogen, phosphate and potassium



Performance in a variety of soil conditions and types



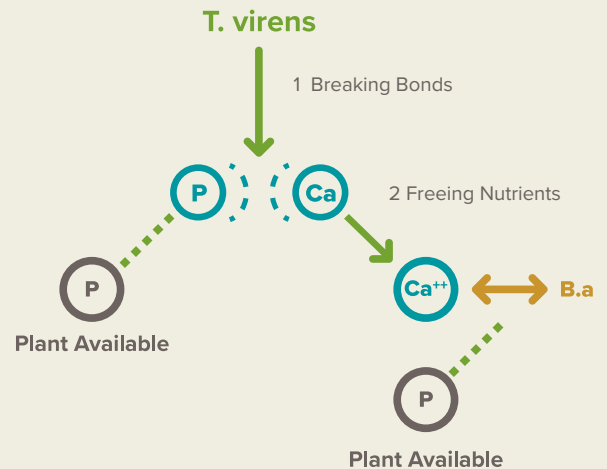
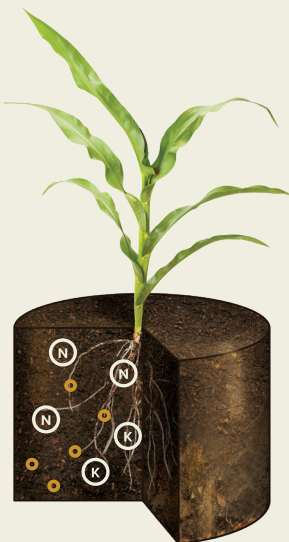
Enhanced nutrient availability, which supports root and shoot growth



Increased yield potential

HOW IT WORKS

- 1 The biologicals *Bacillus amyloliquefaciens* and *Trichoderma virens* have the ability to release phosphate in the soil not readily available to the plant.
- 2 Improved phosphate availability can lead to expanded root volume, which enhances nitrogen and potassium uptake.
- 3 This ultimately can enable optimal plant growth and increased yield potential.



T. virens = *Trichoderma virens*

B. a. = *Bacillus amyloliquefaciens*

P = Phosphate

Ca = Calcium

APPLICATION

Please read the label before application for complete use instructions.
For up-to-date compatibility information, please visit useQuickRoots.ca.

QuickRoots® dry planter box - canola and corn multi-crop (canola, corn, sorghum)

Canola	Package size	Rate (g/bag)	Bags treated
Spoutpak	400 g	16 g/bag	25 bags*
Pail	3.2 kg	16 g/bag	200 bags*
Corn	Package size	Rate (g/unit)	Units treated
Spoutpak	400 g	16 g/unit	25 units**
Pail	3.2 kg	16 g/unit	200 units**
Sorghum	Package size	Rate (g/bag)	Bags treated
Spoutpak	400 g	16 g/bag	25 bags*
Pail	3.2 kg	16 g/bag	200 bags*

* 1 bag = 50 lbs of seed ** 1 unit = 80,000 kernels

QuickRoots wettable powder - canola and corn multi-crop (canola, corn, sorghum)

Canola	Package size	Rate (g/bag)	Bags treated
Spoutpak	180 g	10 g/bag	18 bags*
Corn	Package size	Rate (g/bag)	Units treated
Spoutpak	180 g	7.2 g/unit	25 units**
Sorghum	Package size	Rate (g/bag)	Bags treated
Spoutpak	180 g	10 g/bag	18 bags*

* 1 bag = 50 lbs of seed ** 1 unit = 80,000 kernels

QuickRoots wettable powder - small grains

Small Grains (wheat, barley, oats, rye or spelt seed)	Package size	Rate	Seed treated/package
Spoutpak	180 g	3 g/45 kg	2,700 kg
Pail	4.5 kg	3 g/45 kg	67,500 kg

QuickRoots wettable powder - pulse and soybean multi-crop (chickpea, field pea, lentil, soybean)

Chickpea	Package size	Application rate	Seeds treated/package
Spoutpak	200 g	1 g per 35,000 seeds	7 million
Pail	4.8 kg	1 g per 35,000 seeds	168 million
Field Pea	Package size	Application rate	Seeds treated/package
Spoutpak	200 g	1 g per 60,000 seeds	12 million
Pail	4.8 kg	1 g per 60,000 seeds	288 million
Lentil	Package size	Application rate	Seeds treated/package
Spoutpak	200 g	1 g per 110,000 seeds	22 million
Pail	4.8 kg	1 g per 110,000 seeds	528 million
Soybean	Package size	Application rate	Seeds treated/package
Spoutpak	200 g	4 g/unit	50 units***
Pail	4.8 kg	4 g/unit	1,200 units***

*** 1 unit = 140,000 seeds

If you need more information or have questions about QuickRoots®, contact
Acceleron BioAg™ toll-free at **1-800-667-4944** or visit useQuickRoots.ca.



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