QuickRoots®
dry planter box

soybean, pulse, sunflower, and sugar beet

For application to seed in commercial seed treating equipment or for use in on-farm planting equipment.

Microbial seed inoculant for improving nutrient availability for increased yield potential.

CONTAINS NONPLANT FOOD INGREDIENT(S)

ACTIVE: 2.4 x 10^8 viable cfu/g *Bacillus amyloliquefaciens*
5.7 x 10^7 cfu/g *Trichoderma virens*

INERT: talc-based carrier, 81%

Not a fertilizer substitute
Scoop Included in Pouch

Read the entire label before using this product.
Use only according to label directions.

How it Works

The microorganisms in QuickRoots® have been shown to increase availability of certain important plant nutrients and can increase plant uptake. Increased plant nutrient availability may lead to an increase in yield response. QuickRoots® is not a fungicide and it will not replace your standard fungicide seed treatment.

Directions for Use

Open package only when ready to use. Use before expiration date.

Apply this product only as specified on this label. Reference the specified application rate to determine the proper amount needed for seed. Additional talc and/or graphite may be applied if needed.

Application Rate

Crop	Application Rate	440 gram Pouch Treats
Soybean	8.8 g per 140,000 seeds (unit)	50 units
Sugar Beet	17.6 g per 100,000 seeds (unit)	25 units
Sunflower	35.2 g per 200,000 seeds (unit)	12.5 units
Dry Bean	8.8 g per 104,000 seeds (unit)	5.2 million seeds
Chickpea	8.8 g per 140,000 seeds (unit)	7 million seeds
Field Pea	8.8 g per 240,000 seeds (unit)	12 million seeds
Lentil	8.8 g per 440,000 seeds (unit)	22 million seeds

To apply:

1. The provided scoop will measure approximately 25 grams of QuickRoots® . Refer to the application rates below to determine required amount of QuickRoots® Dry Planter Box for the prescribed amount of seed.
2. Disperse QuickRoots® Dry Planter Box evenly onto seed. This may be performed as a single batch or in a continuous system using the equipment designed to meter products onto the moving seeds.
3. Be sure to coat all seeds uniformly.



DANGER

Applicators and Other Handlers

Dust particles may cause slight eye irritation. May cause respiratory irritation. Causes damage to lungs by inhalation through prolonged or repeated exposure.

This product may cause adverse effects to individuals who are repeatedly exposed to it. Eye or skin contact, inhalation, or ingestion should be avoided. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, and eye protection. Avoid breathing dust. Ensure adequate ventilation. Use only outdoors or in a well-ventilated area. Where exposure through inhalation may occur, use respiratory protective equipment. Wash thoroughly after handling. If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

The active ingredients in QuickRoots® are *Bacillus amyloliquefaciens* and *Trichoderma virens* spores. This product contains microorganisms that may have the potential to provoke sensitizing reactions; use appropriate personal protective equipment (PPE) to reduce exposure. Sensitized individuals should wear an approved respirator. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

Storage and Disposal

QuickRoots® contains live spores of the naturally occurring fungus *Trichoderma virens* and the naturally occurring bacteria *Bacillus amyloliquefaciens*, which may be damaged when exposed to high temperatures or contact with water for more than 4 hours. The live organisms contained in QuickRoots® require specific storage conditions to ensure viability and product performance. To maintain product viability:

- Store unopened containers of QuickRoots® in a dry cool place (less than 68°F or 20°C) away from sunlight and heat sources. Store locked up.
- Minimize temperature fluctuations.
- Avoid freeze/thaw cycles.
- Use before the expiration date. The expiration date is valid for unopened containers stored according to conditions listed above.
- Keep out of reach of children.

Unused QuickRoots® and seed to which QuickRoots® has been applied should be disposed of in accordance with applicable Federal, state/provincial, and local requirements. Seed treated with QuickRoots® should not be used for food, feed, or oil purposes.

Information regarding the contents and levels of metals in this product is available on the internet at: http://www.aapfco.org/metals.html

Limited Warranty

The Seller warrants that this product contains a minimum number of *Bacillus amyloliquefaciens* and *Trichoderma virens* colony forming units, as specified on this label. The Seller makes no other warranty expressed or implied as to product viability or performance since product storage, use and growing conditions are beyond the Seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition. If this product does not perform as warranted above, and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of the Seller.

EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESSED REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OR GUARANTEE TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.

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Net Contents: 440 g (0.97 lbs)

SOYBEAN MULTI-CROP USA