QuickRoots®

wettable powder

corn, canola, cotton and sorghum

ATTENTION:
This Specimen label is provided for general information only.

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

CONTAINS NONPLANT FOOD INGREDIENT(S)

ACTIVE: 3.1 x 10^8 viable cfu/g Bacillus amyloliquefaciens
7.4 x 10^7 cfu/g Trichoderma virens

INERT: wettable powder, 79%

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 each type of seed.

Crop	Application Rate	22.5 kg Drum Treats
Canola	10 g per 50 lbs of seed (bag)	2250 bags
Corn	7.2 g per 80,000 seeds (unit)	3125 units
Cotton	6 g per 250,000 seeds (unit)	3750 units
Sorghum	10 g per 50 lbs of seed (bag)	2250 bags

If applying QuickRoots alone: Dilute (mix) with adequate amount of non-chlorinated water. Mix well and apply uniformly to the seed.

When applying QuickRoots with other seed treatment products: Novozymes strongly recommends a SIMULTANEOUS APPLICATION USING SEPARATE TANKS/NOZZLES (also called wet sequential application) – where the other seed treatment components and QuickRoots products are mixed in separate premix tanks and sprayed wet onto the seed at the same time (simultaneous application).

Seed Treatment Compatibility: Although QuickRoots is compatible with many fungicide (FST) and/or insecticide (IST) seed treatment products, on-seed and in-tank survival of QuickRoots may be significantly reduced by using a common tank mix application method and must be applied within 2 hours. Do not apply with seed treatment formulations containing high levels of Zinc or Copper. QuickRoots has not been tested with all possible seed treatment combinations.

For a list of compatible seed treatments, contact Novozymes at 1-888-744-5662.

Applicators and Other Handlers

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.

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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 in a well-ventilated place. Keep container tightly closed. Store unopened containers of QuickRoots in a dry cool place (less than 68ºF or 20ºC) 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 the 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.

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 Novozymes BioAg.

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