

roots® BioPak®

ROOTS® BioPak® is a unique, dry water-soluble combination of natural humic substances, cold water kelp, and a select blend of beneficial bacteria. Roots® BioPak® is applied to the soil as a drench or spray to deliver beneficial microbes into the root zone. The microbes in Roots® BioPak® were selected for their abilities to improve soil fertility by fixing nitrogen, solubilizing rock phosphates, and biodegrading organic matter.

DIRECTIONS FOR USE:

For general applications, mix 1-Lb per 100 gallons or 2-tsp per gallon of water. For lawns or turf, apply 1/4-Lb per 10,000 sq. ft. For a standard hose end sprayer put about 1/4-Lb (1 cup) into cartridge, and spray over 10,000 sq. ft. Repeat monthly. Irrigation following all of the above treatments is recommended. For potted plants, mix 2-tsp per gallon of water, or 1-Lb per 100 gallons. Apply as a drench until upper 4 inches of soil are saturated. For most pots, this is about 1/8 to 1/5 the volume of the pot. Repeat every 2 to 4 weeks. Roots® BioPak® can be applied to soil by drench, fertigation, or soil injection techniques.

HAZARD STATEMENTS: May cause mild skin irritation.

PRECAUTIONARY STATEMENTS FOR HANDLING

If skin irritation occurs: wash with plenty of soap and water. Seek medical attention if irritation persists.

Avoid breathing dust or spray mist.

Take off contaminated clothing and wash before reuse.

Dispose in accordance with all federal, state and local regulations.

HEALTH AND SAFETY: In case of allergic reaction(s), treat symptoms and contact physician. Avoid breathing dust or spray mist.

Wash hands after handling.

KEEP OUT OF REACH OF CHILDREN.

STORAGE: Store in a dry location. Avoid prolonged storage above 120°F. Keep tightly sealed.

TECHNICAL ASSISTANCE: For technical assistance, call 1-800-233-1067.

WARRANTY

NOTE To the extent consistent with applicable law, Buyer assumes all responsibility for safety and performance if this product is not used according to the directions.

Expiration Date:

Net Wt: 600 Lb (272.16-kg)

LebanonTurf

For technical assistance and information about our products visit www.LebanonTurf.com

Manufactured by: Lebanon Seaboard Corporation . 1600 E. Cumberland St. Lebanon, PA 17042 . Made in the USA . www.LebanonTurf.com

Dry, Water-Soluble Inoculant

- Can be applied by drench, fertigation or soil injection
- Contains beneficial bacteria and cold water kelp

NOT A PLANT FOOD PRODUCT

CONTAINS NON PLANT FOOD INGREDIENTS

GUARANTEED ANALYSIS

SOIL/PLANT AMENDING INGREDIENTS

Rhizosphere Bacteria	116 Million cfu/g
26.5 Million cfu/g <i>Bacillus licheniformis</i>	
26.5 Million cfu/g <i>Bacillus megaterium</i>	
5 Million cfu/g <i>Bacillus polymyxa</i>	
26.5 Million cfu/g <i>Bacillus pumilus</i>	
26.5 Million cfu/g <i>Bacillus subtilis</i>	
5 Million cfu/g <i>Paenibacillus azotofixans</i>	

Humic acids (derived from Leonardite) 31.0%

Microbial Nutrients 53.0%

33.0% Seaweed extract (derived from *Ascophyllum nodosum*)

14.5% Maltodextrin

5.5% Yeast extract

INERT INGREDIENTS 16.0%

14.0% Leonardite extract (other than humic acids)

1.0% Precipitated silica

1.0% Polyethylene glycol

F699

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lebsea.com>



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