

# roots®

## MYCORRHIZA

# ROOTS®

## SOLUBLE POWDER

Can Help Increase Nutrient  
& Water Absorption

### FOR ALL TREES AND SHRUBS

A NON PLANT FOOD PRODUCT

ALSO CONTAINS

NON PLANT FOOD INGREDIENTS

23.3% Mycorrhizal fungi (# viable propagules/gram)	
<i>Pisolithus tinctorius</i> .....	1,600,000
<i>Rhizopogon amylopogon</i> .....	80,000
<i>Rhizopogon fulvileba</i> .....	80,000
<i>Rhizopogon luteolus</i> .....	80,000
<i>Rhizopogon villosus</i> .....	80,000
<i>Scleroderma cepa</i> .....	40,000
<i>Scleroderma citrinum</i> .....	40,000
<i>Laccaria bicolor</i> .....	16,000
<i>Laccaria laccata</i> .....	16,000
<i>Glomus intraradices</i> .....	21
<i>Glomus mosseae</i> .....	20
<i>Glomus aggregatum</i> .....	20
<i>Glomus clarum</i> .....	1
<i>Glomus monosporum</i> .....	1
<i>Glomus deserticola</i> .....	1
<i>Glomus brasilianum</i> .....	1
<i>Gigaspora margarita</i> .....	1
<i>Glomus etunicatum</i> .....	1

28.90% Humic Acids (derived from Leonardite)
18.00% Cold Water Kelp Extracts
12.30% Ascorbic Acid (Vitamin C)
8.50% Amino Acid (Glycine)
3.50% myo-Inositol
2.25% Maltodextrin
2.00% Thiamine (Vitamin B <sub>1</sub> )
1.00% Alpha-tocopherol (Vitamin E)
0.25% Surfactant (Polyalkylene oxide modified siloxane)

mycorrhiza Roots Soluble Powder is a dry water-soluble microbial inoculant and microbial nutrient treatment for trees and shrubs. It contains mycorrhizal fungi, various microbial nutrients (an amino acid, vitamins, myoinositol) as well as humic acids, which may aid in the uptake of mineral nutrients by plants. A surfactant is added to help the liquid to better penetrate soil.



F699

27-57036

LebanonTurf

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

Not labeled for use on food crop sites.

Expiration date:

Manufactured by:

**Lebanon Seaboard Corporation**

1600 E. Cumberland St. • Lebanon, PA 17042

Made in the U.S.A.

[www.LebanonTurf.com](http://www.LebanonTurf.com)

**NET WT 1 LB (454 G)**

**STORE AND TRANSPORT AT TEMPERATURES BETWEEN 40°F & 80°F (4°C & 37°C)**

**DIRECTIONS FOR USE: Apply only as directed.**

This 1 lb. bag contains 725,000,000 dry spores of *Pisolithus tinctorius*, 145,000,000 spores of four species of *Rhizogogon* (cold-tolerant *EctoMycorrhiza*), two species of *Laccaria* (for high phosphorous soils/conditions) and two species of *Scleroderma*, plus nine species of *Endo-Mycorrhiza* (VAM) and the ingredients of *ROOTS® Concentrate* in soluble form.

**Application Instructions and Rates:**

- After adding product to water, agitate thoroughly.
- Use all mixed product within 24 hours for maximum effectiveness.
- For smaller quantities of mix, use 1/2 ounce (1/2 Tbsp or 1 1/2 tsp) of product per gallon of water.
- This product is not recommended for greenhouse proportioner injections systems.
- Diluted product will pass through a 40-mesh (420 micron) screen. Do not use screens finer than this.
- For application of *mycorrhizaROOTS®* into areas not covered on this label, contact us at 1-800-233-1067 for assistance.

**STORAGE**

For maximum shelf life, store between 40° and 80° F. Keep out of direct sunlight. Due to the high concentration of ingredients, some settling of solids may occur; agitate or shake container to achieve complete solubility.

**KEEP OUT OF REACH OF CHILDREN**

For Safety Data Sheets contact your local distributor or call us at 1-800-233-1067.

**WARNING**

May be harmful if inhaled.

**DEEP ROOT FEEDING:**

- A. If injections are made every 18 to 24 inches, dilute *mycorrhizaROOTS®* at 1 lb. per 150 gallons. Inject 1/2 gallon of dilute solution in every hole.
- B. If injections are made every 2 1/2 to 3 feet, dilute *mycorrhizaROOTS®* at 1 lb. per 100 gallons. Inject 1/2 gallon of dilute solution into each hole -- the amount of solution is less than A (above), but the amount of *mycorrhizaROOTS®* is the same.

**GREENHOUSE & NURSERY PRODUCTION:**

Container Blocks or Propagation Bed: One 1 lb. bag in 200 gallons of water will treat 6,000 sq. ft. of area, depending on container size or bed depth. Make sure the final mix penetrates the root zone of the target plant. Non-porous media is not recommended. For best results, use enough mix to wet the root zone thoroughly. For plants in containers, drench to run-off.

**B&B, CONTAINER AND BARE ROOT OUT-PLANTING:**

Dilute 1 lb. of *mycorrhizaROOTS®* into 100 gallons of water and drench/soak the root ball or soil in the root zone. Apply approximately 1 gallon of dilute solution per 1" caliper.

**URBAN TREES AND STRESSED TREES:** Make or cut holes around the drip line of the tree and use *mycorrhizaROOTS®* as a soil drench to reach the root area. Dilute 1 lb. in 100 gallons of water.

**MEDIA INOCULATION:** One 1 lb. bag in 50 gallons of water will treat 1 cubic yard of porous material. Do not allow media to become hot (above 130° F) from composting.

**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.

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