

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

Mycorrhizal fungi (# viable propagules/gram)

<i>Pisolithus tinctorius</i>	1,600,000	<i>Glomus aggregatum</i>	14.7
<i>Rhizopogon amylopogon</i>	17,600	<i>Glomus etunicatum</i>	14.7
<i>Rhizopogon fulvignea</i>	17,600	<i>Glomus intraradices</i>	14.7
<i>Rhizopogon luteolus</i>	17,600	<i>Glomus mosseae</i>	14.7
<i>Rhizopogon villosulus</i>	17,600	<i>Glomus monosporum</i>	1.3
<i>Scleroderma cepa</i>	35,200	<i>Glomus deserticola</i>	1.3
<i>Scleroderma citrinum</i>	35,200	<i>Glomus clarum</i>	1.3
<i>Laccaria bicolor</i>	17,600	<i>Paraglomus brasilianum</i>	1.3
<i>Laccaria laccata</i>	17,600	<i>Gigaspora margarita</i>	1.3

18.00% Cold Water Kelp Extracts

12.30% Ascorbic Acid (Vitamin C)

11.00% Humic Acids (derived from Leonardite)

4.00% Amino Acid (Glycine)

3.50% myo-Inositol

2.25% Maltodextrin

2.00% Thiamine (Vitamin B₁)

0.50% 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.



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LebanonTurf

Manufactured by:

Lebanon Seaboard Corporation

1600 E. Cumberland St. • Lebanon, PA 17042

Made in the U.S.A.

www.LebanonTurf.com

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

Expiration date:

Not labeled for use on food crop sites.

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 *Rhizopogon* (cold-tolerant *EctoMycorrhiza*), two species of *Laccaria* (for high phosphorus soils/conditions) and two species of *Sclerotinia*, 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**Hazard Statements**

Causes eye irritation.
May be harmful if inhaled.
Suspected of causing cancer.

**Precautionary Statements**

Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands and exposed skin thoroughly after handling.
Use personal protective equipment as required.
If in eyes, rinse with water and seek medical attention if symptoms persist.
If INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store locked up.
Dispose of contents/container properly as required by law for waste pesticides.
If exposed or concerned, seek medical advice.
Keep out of reach of children
Precautionary Statements for disposal - Dispose in accordance with all federal, state and local regulations.

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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