

# roots<sup>®</sup> Tree Saver<sup>®</sup>

## For Transplanting Trees and Shrubs

ROOTS<sup>®</sup> Tree Saver<sup>®</sup> is a comprehensive soil inoculant combining mycorrhizal fungi, beneficial rhizosphere bacteria and Myconate<sup>®</sup> (formononetin), a naturally occurring isoflavone that increases root colonization by VA mycorrhizal (VAM) fungi. Also included are Roots<sup>®</sup> Terra-Sorb<sup>®</sup> hydrogels to hold moisture in the root zone, humic acids and various microbial nutrients.

\*Covered by US Patents 5,002,603; 5,085,682; 5,691,275; 5,981,775.

### DIRECTIONS FOR USE

Mix into the backfill when transplanting trees and shrubs. Follow application rates based on the diameter of the planting hole, or on stem caliper according to the chart below. Mix product in a ring-shaped volume of soil around the upper portion of the root ball, extending from the soil surface to a depth of about 8 inches and extending from the root ball outward about 8 inches.

See inside pail for detailed application instructions.

### APPLICATION RATES

Per foot of root ball diameter	Use one 3 ounce packet
Per caliper inch	Use one 3 ounce packet

### HEALTH AND SAFETY INFORMATION

#### Hazard Statements:

May be harmful if inhaled repeatedly over prolonged periods.  
Suspected of causing cancer by prolonged/repeated inhalation.

#### WARNING



#### Precautionary Statements:

Avoid breathing dust.  
Use appropriate personal protective equipment as required to avoid breathing dust.  
If exposed or concerned, seek medical advice.  
Persons with severely suppressed immune systems should contact their physician before handling ordinary microbial products.  
Keep out of reach of children.  
Dispose in accordance with all federal, state and local regulations.

### STORAGE

Store at temperatures between 50° and 90° F in a dry place away from direct sunlight.



Not labeled for use on food crop sites.



### BULK

Net Wt: 37.5 Lb (17-Kg)

For technical assistance and information about our products visit [www.LebanonTurf.com](http://www.LebanonTurf.com)

Manufactured by: Lebanon Seaboard Corporation • 1600 E. Cumberland St. Lebanon, PA 17042 • Made in the USA • [www.LebanonTurf.com](http://www.LebanonTurf.com) • 800-233-0628 • (717) 273-1685

- Soil inoculant
- Improves soil hydration
- Contains mycorrhizal fungi and rhizosphere bacteria

### CONTAINS NON PLANT FOOD INGREDIENTS NOT A PLANT FOOD PRODUCT

#### Active Ingredients

33.3% Potassium Polyacrylate polymer  
10.5% Humic acids (derived from Leonardite)  
0.007% Formononetin

**Ectomycorrhizal Fungi** ..... 200,000 spores/g  
200,000 spores/g *Pisolithus tinctorius*

**VA Endomycorrhizal (VAM) Fungi** ..... 11.6 spores/g  
2.9 spores/g *Entrophospora columbiana*  
2.9 spores/g *Glomus clarum*  
2.9 spores/g *Glomus etunicatum*  
2.9 spores/g *Glomus intradaces*

#### Rhizosphere Bacteria

380,000 cfu/g *Bacillus licheniformis*  
150,000 cfu/g *Bacillus megaterium*  
90,000 cfu/g *Bacillus polymyxa*  
300,000 cfu/g *Bacillus subtilis*  
380,000 cfu/g *Bacillus pumilus*  
45,000 cfu/g *Paenibacillus azotofixans*

**MICROBIAL FOOD** ..... 28.9%  
23.6% Seaweed Meal (derived from *Ascophyllum nodosum*)  
5.3% Maltodextrin

**INERT INGREDIENTS** ..... 27.293%  
17.600% Greensand  
5.800% Other Inert Ingredients  
2.870% USP Mineral Oil  
1.000% Kaolin clay  
0.023% Talc

F699

Expiration Date:

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