

roots® Total Tree®

A soluble fertilizer containing essential plant nutrients, slow-release urea form nitrogen, and ironROOTS® + Mycorrhizal fungi. For injection treatment of trees and shrubs.

This unique blend releases nitrogen over the entire growing season: ¼ is released in the first 3-5 weeks, the remainder over 6-12 months (release rates are approximate, and will vary with moisture, temperature and soil type).

DIRECTIONS - Apply Only As Directed

Adequate mechanical agitation is required to keep ROOTS® Total Tree® in suspension. Mix 15 lbs. ROOTS® Total Tree® with 150 gallons of water to treat up to 10,000 sq. ft. injection area. Apply in Spring or Fall, repeat applications can be made as needed.

Injection starts 3-4 ft. from trunk. Inject at 2-2 ½ ft. intervals around the trunk, extending 2 ft. beyond the drip line.

Nitrogen application rate is 3 lbs. per 150 gallons of tank mix at recommended mix rate.

WARNING



HAZARD STATEMENTS

Causes skin irritation with prolonged contact.
Causes serious eye irritation on contact.
May cause respiratory irritation if inhaled.

PRECAUTIONARY STATEMENTS

Avoid breathing dust or spray mist.
If skin irritation occurs: Wash with soap and water.
Wash hands and exposed skin thoroughly after handling.
If in eyes: Rinse cautiously with water for several minutes.
If eye irritation persists: seek medical attention.
Use only outdoors or in a well-ventilated area.
If inhaled and breathing becomes difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep container tightly closed. Store locked up a well-ventilated place.
Keep out of reach of children.
Dispose in accordance with all federal, state and local regulations.

Unknown acute toxicity: <1% of the mixture consists of ingredients of unknown toxicity.

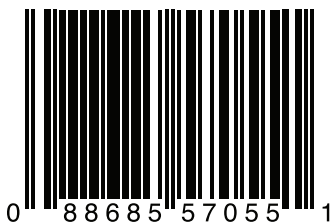
STORAGE/SHELF LIFE

Do not contaminate water by storage or disposal. Store at temperatures between 50° and 90° F, in a dry place inaccessible to surface water runoff.

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.

For technical assistance, call 1-800-233-1067.
Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lebsea.com>



Net Wt 15 Lbs. (6.8 Kg.)



20-4-10

Soluble Fertilizer with ironROOTS® and Mycorrhizal Fungi

- Slow release nitrogen with macro and micro nutrients
- Injection treatment for trees and shrubs

GUARANTEED ANALYSIS

Total Nitrogen (N)	20.00%
3.50% Urea Nitrogen	
3.25% Other Water Soluble Nitrogen	
13.25% Water Insoluble Nitrogen*	
Available Phosphate (P₂O₅)	4.00%
Soluble Potash (K₂O)	10.00%
Sulfur (S)	0.50%
0.50% Combined Sulfur (S)	
Copper (Cu)	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe)	1.00%
0.75% Water Soluble Iron (Fe)	
0.25% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Water Soluble Zinc (Zn)	
Derived from: Urea-form, Urea, Mono-potassium Phosphate, Potassium Sulfate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Iron Chelate.	
*13.25% slowly available nitrogen from urea-form.	

**ALSO CONTAINS NON PLANT FOOD INGREDIENTS
SOIL/PLANT AMENDING INGREDIENTS**

Active Ingredients	1.50%
Mycorrhizal fungi	(# viable propagules/gram)
<i>Pisolithus tinctorius</i>	80,000.00
<i>Rhizopogon amylopogon</i>	4,000.00
<i>Rhizopogon fulvigleba</i> ..	4,000.00
<i>Rhizopogon luteolus</i>	4,000.00
<i>Rhizopogon villosuli</i>	4,000.00
<i>Scleroderma cepa</i>	2,000.00
<i>Scleroderma citrinum</i>	2,000.00
<i>Laccaria bicolor</i>	800.00
<i>Laccaria laccata</i>	800.00
<i>Glomus intraradices</i>	0.99
<i>Glomus mosseae</i>	0.90
<i>Glomus aggregatum</i>	0.90
<i>Glomus clarum</i>	0.09
<i>Glomus monosporum</i>	0.09
<i>Glomus deserticola</i>	0.09
<i>Glomus brasilianum</i>	0.09
<i>Gigaspora margarita</i>	0.09
<i>Glomus entunicatum</i>	0.09
INERT INGREDIENTS	98.50%
96.70% Fertilizer	
0.70% Humic Acids	
0.55% Cold Water Kelp Extracts	
0.35% Ascorbic Acid (Vitamin C)	
0.10% myo-Inositol	
0.07% Thiamine Mononitrate (Vitamin B ₁)	
0.03% Alpha-tocopherol (Vitamin E)	
	F699

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 USA • www.LebanonTurf.com • 800-233-0628 • (717) 273-1685

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