

# roots<sup>®</sup> Fertilizer for Trees

- High nitrogen with macro and micro nutrients
- Inject or drench use

#### APPLICATION AND RATES:

**Soil injection:** Mix the recommended amount of ROOTS<sup>®</sup> Fertilizer for Trees with water, and inject into the soil to a depth of 8 to 10 inches (20.3-25.4 cm). Start injections immediately past the root flare, being careful to avoid damage to large woody roots. Where possible, injections should cover the entire area beneath the canopy and just beyond the drip line.

**Standard Injection rate:** 8-Lbs per 1,250 sq. ft. (3.6 kg per 116 m<sup>2</sup>)

- Mix 8-Lbs (1 bag) ROOTS<sup>®</sup> Fertilizer for Trees per 100-gallons water (3.6 kg/378.5 liters)
- 100-gallons (378.5 liters) per 1,250 sq. ft. (116m<sup>2</sup>) (2 quarts per injection on 2 ½ foot centers) (1.9 liters per injection on 76 cm centers) or
- 5-gallons per inch (18 liters per 2.5 cm) DBH (diameter at breast height)

**Compacted or Nonporous Soils:** 8-Lbs per 1,250 sq. ft. (3.6 kg per 116 m<sup>2</sup>)

- Mix 16-Lbs (2 bags) ROOTS<sup>®</sup> Fertilizer for Trees per 100-gallons water (7.2 kg/378.5 liters)
- 100-gallons per 2,500 sq. ft. (378.5 liters/232 m<sup>2</sup>) (1 quart per injection on 2 ½ foot centers or 1 liter per injection on 76 cm centers) or
- 2 ½-gallons per inch (9.5 liters per 2.5 cm) DBH (diameter at breast height)

Any of the above regimens will apply approximately 1.7-Lbs (0.7-Kg) of nitrogen and 0.6-Lbs (0.2-Kg) of available phosphate (P<sub>2</sub>O<sub>5</sub>) and soluble potash (K<sub>2</sub>O) per 1,000 sq. ft. (100 m<sup>2</sup>).

**Soil drench:** Mix the recommended amount of ROOTS<sup>®</sup> Fertilizer for Trees with water, and drench the entire area beneath the canopy.

Mix 8-Lbs (1-bag) per 100-gallons and apply (3.6 kg/378.5 liters):

- Established trees: Apply 100-gallons per 1,250 sq. ft. (378.5 liters/116m<sup>2</sup>)
- Containerized trees: Apply ¼ of the container volume. (example: 1 quart/gallon container) (1 liter/3.8 liters).

For best results, follow with water application to rinse product into the soil.

*Not formulated for foliar application.*

*Not labeled for use on food crop sites.*

#### Hazard Statements:

Contains an oxidizer. May intensify fire.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.



Contains an oxidizer.  
May intensify fire.

#### Precautionary Statements:

Keep away from heat/sparks/open flame/hot surfaces, from clothing, and from other combustible materials. No smoking.  
Avoid breathing dust.

Wash hands and exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor physician.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes.

IF SKIN IRRITATION OCCURS: Get medical advice/attention.

In case of a major fire involving large quantities, evacuate area.

Keep out of reach of children.

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

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

**Net Wt. 8-Lbs. (3.6-kg)**

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

#### GUARANTEED ANALYSIS

<b>TOTAL NITROGEN (N)</b> .....	<b>27.0%</b>
1.0% Nitrate Nitrogen	
12.5% Urea Nitrogen	
2.5% Other Water Soluble Nitrogen	
11.0% Water Insoluble Nitrogen*	
<b>Available Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> .....	<b>9.0%</b>
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>9.0%</b>
Boron (B) .....	0.02%
0.02% Water Soluble Boron (B)	
Copper (Cu) .....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe) .....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.0009%
0.0009% Water Soluble Molybdenum (Mo)	
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	
Derived from: Ureaformaldehyde, Urea, Potassium Phosphate, Potassium Nitrate, Boric Acid, Iron EDTA, Manganese EDTA, Zinc EDTA, Copper EDTA and Ammonium Molybdate.	
*11% Slowly available Nitrogen from Ureaformaldehyde	
Potential Acidity: 920-Lb Calcium carbonate equivalent per ton	

**WARNING:** This fertilizer carries added boron and is intended for use only on landscape plants. Its use on any other crops or under conditions other than those recommended may result in serious injury to the crops.

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>

#### 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:



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**LebanonTurf**