

roots® Fertilizer for Trees

APPLICATION AND RATES:

Soil injection: Mix the recommended amount of ROOTS® 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 m²)

- Mix 8-Lbs (1 bag) ROOTS® Fertilizer for Trees per 100-gallons water (3.6 kg/378.5 liters) and inject:
- 100-gallons (378.5 liters) per 1,250 sq. ft. (116m²)(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 m²)

- Mix 16-Lbs (2 bags) ROOTS® Fertilizer for Trees per 100-gallons water (7.2 kg/378.5 liters) and inject:
- 100-gallons per 2,500 sq. ft. (378.5 liters/232 m²) (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 (P₂O₅) and soluble potash (K₂O) per 1,000 sq. ft. (100 m²).

- Soil drench:** Mix the recommended amount of ROOTS® 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/116m²)
 - 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. ROOTS® Fertilizer for Trees can be tank mixed with all ROOTS® Injectable products for simultaneous application.

*Not formulated for foliar application.
Not labeled for use on food crop sites.*

STORAGE/SHELF LIFE

This product is stable in cool, dry storage conditions. Refer to expiration date on package.

Do not expose to direct sunlight for extended periods. ROOTS® Fertilizer for Trees will remain an excellent fertilizer, but the number of beneficial microbes may be reduced after the expiration date shown on the package.

Hazard Statements:

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

WARNING



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. Take precautions to avoid mixing with combustibles. Avoid breathing dust. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear fire flame resistant/retardant clothing. 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. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF SKIN IRRITATION OCCURS: Get medical advice/attention. In case of a major fire involving large quantities, evacuate area. Use extinguishing media suitable to local circumstances and the surrounding environment. Options include water spray, dry chemical, carbon dioxide, Halon, or fog. Keep out of reach of children. Dispose in accordance with all federal, state and local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):

The bacteria contained in this product are strains of typically harmless soil and water bacteria, and are not associated with disease or infections under normal circumstances. However, reasonable precautions are in order. Handle as you would rich, dark soil or compost: keep it out of your mouth, eyes, lungs, and broken skin. Wash hands thoroughly after use. Remove and launder heavily soiled clothing separately before reuse. Persons with severely suppressed immune systems, such as those with advanced AIDS, or those taking anti-rejection drugs, or those undergoing chemotherapy should contact their physician before handling ordinary microbial products.

Unknown acute toxicity: 3% of the mixture consists of ingredients of unknown toxicity

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>

27-9-9 Water Dispersible Fertilizer

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

GUARANTEED ANALYSIS	GUARANTEED MINIMUM ANALYSIS
TOTAL NITROGEN (N) 27.0%	TOTAL NITROGEN (N) 27.0%
1.0% Nitrate Nitrogen	1.0% Nitrate Nitrogen
12.5% Urea Nitrogen	12.5% Urea Nitrogen
2.5% Other Water Soluble Nitrogen	2.5% Other Water Soluble Nitrogen
11.0% Water Insoluble Nitrogen*	11.0% Water Insoluble Nitrogen*
Available Phosphate (P₂O₅) 9.0%	Available Phosphate (P₂O₅) 9.0%
Soluble Potash (K₂O) 9.0%	Soluble Potash (K₂O) 9.0%
Boron (B)..... 0.02%	Boron (B) (actual) 0.02%
0.02% Water Soluble Boron (B)	0.02% Water Soluble Boron (B)
Copper (Cu) 0.05%	Copper (Cu) (actual) 0.05%
0.05% Chelated Copper (Cu)	0.05% Chelated Copper (Cu)
Iron (Fe) 0.10%	Iron (Fe) (actual) 0.10%
0.10% Chelated Iron (Fe)	0.10% Chelated Iron (Fe)
Manganese (Mn)..... 0.05%	Manganese (Mn) (actual) 0.05%
0.05% Chelated Manganese (Mn)	0.05% Chelated Manganese (Mn)
Molybdenum (Mo)..... 0.0009%	Molybdenum (Mo) 0.0009%
0.0009% Water Soluble Molybdenum (Mo)	0.0009% Water Soluble Molybdenum (Mo)
Zinc (Zn)..... 0.05%	Zinc (Zn) (actual)..... 0.05%
0.05% Chelated Zinc (Zn)	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.	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	*11% Slowly available Nitrogen from Ureaformaldehyde
Potential Acidity: 920-Lb Calcium carbonate equivalent per ton	Potential Acidity: 920-Lb Calcium carbonate equivalent per ton

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

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

For technical assistance and information about our products visit 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