

roots®



27-56640

Plant Saver®

For Planters and Potted Plants

4-7-4 Fertilizer • Mycorrhizae Fungi • Biostimulants

Roots® Plant Saver® 4-7-4 is used in planting or maintaining a broad range of plants. It contains mycorrhizae fungi, beneficial bacteria, macro and micro nutrients and other biostimulants. This formulation addresses mineral nutrient requirements and improves biological health of planters and potted plants.

GUARANTEED ANALYSIS

Total Nitrogen (N)	4.0%
0.5% Urea Nitrogen	
0.5% Other Water Soluble Nitrogen	
3.0% Water Insoluble Nitrogen*	
Available Phosphate (P₂O₅)	7.0%
Soluble Potash (K₂O)	4.0%
Calcium (Ca)	3.0%
Magnesium (Mg)	3.0%
0.08% Water Soluble Magnesium (Mg)	
Sulfur (S)	1.0%
1.0% Combined Sulfur (S)	
Boron (B)	0.02%
0.02% Water Soluble Boron (B)	
Iron (Fe)	3.0%
0.03% Water Soluble Iron (Fe)	
Manganese (Mn)	0.7%
0.10% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.2%
0.01% Water Soluble Zinc (Zn)	

Derived from: Feather meal, meat and bone meal, methylene Ureas, urea, rock phosphate, calcium phosphate, sulfate of potash, iron sucrate, magnesium sucrate, manganese sucrate, zinc oxysulfate, magnesium sulfate, sodium borate decahydrate.

*3.0% Slowly available nitrogen from feather meal, meat and bone meal, methylene Urea.

ALSO CONTAINS NON PLANT FOOD INGREDIENTS

GUARANTEED ANALYSIS SOIL/PLANT AMENDING INGREDIENTS

Active Ingredients

Ectomycorrhizal Fungi	33,000 spores/g
30,000 spores/g <i>Pisolithus tinctorius</i>	
3,000 spores/g <i>Scleroderma citrinum</i>	
VA Endomycorrhizal (VAM) Fungi	2.24 spores/g
0.56 spores/g <i>Entrophospora columbiana</i>	
0.56 spores/g <i>Glomus etunicatum</i>	
0.56 spores/g <i>Glomus clarum</i>	
0.56 spores/g <i>Glomus intraradices</i>	
Rhizosphere Bacteria	400,000 cfu/g
90,000 cfu/g <i>Bacillus licheniformis</i>	
90,000 cfu/g <i>Bacillus megaterium</i>	
20,000 cfu/g <i>Bacillus polymyxa</i>	
90,000 cfu/g <i>Bacillus pumilus</i>	
90,000 cfu/g <i>Bacillus subtilis</i>	
20,000 cfu/g <i>Paenibacillus azotofixans</i>	
Humic acids (derived from Leonardite)	11.000%
Formononetin	0.002%

F699

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

DIRECTIONS FOR USE:

Trees, Shrubs, Perennials, Vines & Landscape Plantings:

Thoroughly mix product into backfill at a rate of about 8 ounces of ROOTS® Plant Saver® 4-7-4 per caliper inch or for each foot diameter of root ball.

1. Mix ROOTS® Plant Saver® 4-7-4 evenly into the backfill soil next to the root ball.
2. Pack the treated backfill firmly around the root ball.
3. Mulch and water to soil saturation.

Small Plants and Bulbs: Add 1 tablespoon (1/2 ounce) per plant, and mix thoroughly with soil in planting hole.

APPLICATION RATES

SIZE	Roots® Plant Saver
1 to 2 gallon plant	4 ounces (1/2 cup)
3 to 5 gallon plant	8 ounces (1 cup)
Per caliper inch	8 ounces (1 cup)

NOTICE:

This product contains the micronutrient iron. Iron may stain concrete surfaces and should not be applied on dry or water dampened concrete and should be removed from these areas promptly by sweeping or blowing. Do not wash off with water.

DANGER



HAZARD STATEMENTS

Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.
Causes eye irritation.
May cause respiratory irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

PRECAUTIONARY STATEMENTS FOR HANDLING

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands and exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If in eyes, rinse with water and seek medical attention if symptoms persist.
Rinse mouth.
Take off contaminated clothing and wash before reuse.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

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. Continue rinsing.

If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

Store locked up.
Store in a well-ventilated place.

Keep container tightly closed.

Dispose of contents/container properly as required by law for waste pesticides.
Keep out of reach of children

Precautionary Statements for disposal - Dispose in accordance with all federal, state and local regulations.

STORAGE: Store in a dry location between 50° and 90°F.

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.

Roots® and Plant Saver® are registered trademarks of Lebanon Seaboard Corporation.

LebanonTurf

Manufactured by:
Lebanon Seaboard Corporation
1600 E. Cumberland St. • Lebanon, PA 17042
800-253-0628 • (717) 273-1685
www.LebanonTurf.com

Expiration Date:

Net Weight: 10 lbs. (4.54 kg.)

Not labeled for use on food crop sites.

For technical assistance and information about our products visit www.LebanonTurf.com