roots®

1-0-3
Guaranteed Analysis

Total Nitrogen (N)	**1.00%**
Soluble Potash (K_2O)	**3.00%**

Derived from: Protein Hydrolysate and Kelp Extract.

ALSO CONTAINS **F699**
NON PLANT FOOD INGREDIENTS

3.00% Vitamin C (Ascorbic Acid)
2.88% Humic Acids
0.50% Myo-Inositol
0.30% Vitamin B (Thiamine)
0.10% Vitamin E (Alpha-tocopherol)

Vitamin C may aid in growth of plant tissues.
Humic Acids may aid in the uptake of micro-nutrients.
Myo-inositol may provide added sugars to the plant to increase growth potential.
Vitamin B1 (Thiamine) may aid in growth of plant tissues.
Vitamin E (a-Tocopherol) may aid in plant stress tolerance.

37-56690

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Net Contents: 1 Gallon (3.79L)

Roots® CONCENTRATE

Roots® Concentrate 1-0-3 contains nutrients to promote growth of plants and to help increase microbial activity in soil. Humic acids are included to aid in nutrient uptake by plants. Roots® Concentrate is a formulation that can be used as a foliar treatment, and it can be applied directly to the soil.

DIRECTIONS FOR USE: Apply only as directed.
ROOTS® Concentrate is an advanced complex plant nutrient formulation that promotes rapid root growth and quicker regeneration for seedlings, cuttings, installation, and transplanting. ROOTS® Concentrate is non-phytotoxic and is formulated for soil and foliar application through injection and drip irrigation, fertigation or sprayer system. Low moisture conditions may limit nutrient uptake, so a minimum dilution of 1:30 is recommended. This product is not intended to replace a regular fertilizer program. Consult your county extension agent for specific fertilizer recommendations. Shake well or agitate before use.

Compatibility: ROOTS® Concentrate is tank mix compatible with most soluble fertilizers, herbicides, pesticides, fungicides and absorbent gels. Jar testing is recommended before mixing and test on a small area prior to extensive use with other chemicals whenever possible.

Precautionary Statements for handling:
Keep out of reach of children
Precautionary Statements for disposal - Dispose in accordance with all federal, state and local regulations.

Not labeled for use on food crop sites.

TURF	
Sports Turf/Greens/Tees	1 1/2 fl. oz./1,000 sq. ft. - Every 2 weeks or 3 fl. oz./1,000 sq. ft. - Every 4 weeks
Lawns/Fairways	3 fl. oz./1,000 sq. ft. - Twice in spring; once in fall
New Seeding/Overseeding	6 fl. oz./1,000 sq. ft. shortly after germination
Hydroseeding	2 gal./acre at seeding
TREES & SHRUBS	
Feeding	1 qt./100 gal. mix/2,000 sq. ft. (1:400) - Reduce NPK rates by 25%
Ornamental Plants & Flower Beds	1 fl. oz. in 3 qt./200 sq. ft. (1:100) Every 4 - 6 weeks
Nursery/Greenhouse Established Ornamentals & Flower Beds	1 fl. oz. in 3 qt. (1:100) - Apply through cover spray or drench soil media - Every 4 -6 weeks
Ornamental & Flower Cuttings	1 fl. oz. in 3 qt. (1:100) at planting - Drench soil thoroughly
Planting/Transplants	1 fl. oz. in 3 qt. (1:100) at planting - Drench root zone; 2 fl. oz./inch of trunk diameter
Bare Root Dip	1 fl. oz. in 3 qt. water (1:100) - Woody plants: soak 2 minutes. Herbaceous plants: dip only.
Vegetable/Plugs	1 gal./acre in transplant water at planting Alternate: Drench plug trays prior to field planting with a 1% solution - Dilute as needed.

For soils with high alkalinity or high salt content, or for poor water capacity, use double the suggested rates.
This product is intended as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.

STORAGE
AVOID EXCESSIVE HEAT AND FREEZING.
Store & transport between 40°F & 90°F (4°C & 32°C).

SAFETY
In case of contact flush with water.

Do not exceed 3.2 lbs. of total nitrogen per 1,000 sq. ft. annually.

For Safety Data Sheets contact your local distributor or call us at 800-233-1067

Manufactured by:
Lebanon Seaboard Corporation
1600 E. Cumberland Street
Lebanon, PA 17042
www.LebanonTurf.com

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.

37-56691

STORE AND TRANSPORT IN AN UPRIGHT POSITION AT TEMPERATURES BETWEEN 40°F & 90°F (4°C & 32°C)
AGITATE BEFORE USE