

roots®

1-2-3® PreMix Plus MICROBIAL FERTILIZER CONCENTRATE

Roots® 1-2-3® Premix Plus is a liquid 3-in-one fertilizer, micronutrient, and microbial inoculant treatment for greens, tees, or sports turf to improve vigor of turf growing in stressed conditions. Also included is a Yucca Extract surfactant to allow for good soil penetration.

Fertilizer Plus Chelated
Micronutrients Plus
Beneficial Bacteria

1-2-3

Guaranteed Analysis

Total Nitrogen (N).....	1.0%
1.0% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	2.0%
Soluble Potash (K ₂ O).....	3.0%
Iron (Fe).....	2.7%
2.7% Chelated Iron (Fe)	
Manganese (Mn).....	0.3%
0.3% Chelated Manganese (Mn)	

Derived From: Dipotassium Phosphate, Iron Citrate, Manganese Citrate, Urea.

F699

ALSO CONTAINS NON PLANT FOOD INGREDIENTS

0.012% Bacterial Cultures	
<i>Bacillus licheniformis</i>	7.0x10 ⁸ cfu/mL
<i>Bacillus subtilis</i>	7.0x10 ⁸ cfu/mL

2.75% Yucca Extract Surfactant

Not labeled for use on food crop sites.

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



37-56549 k/19

Apply only to actively growing turf. Do not exceed 3.2 lbs. of total nitrogen per 1,000 sq. ft. annually.

In Maryland, New Jersey, New York and Virginia: This fertilizer contains phosphorus and may not be used for lawn maintenance on turf in the states of Maryland, New Jersey, New York or Virginia except when

- 1) Providing nutrients to specific soils and target vegetation as determined to be necessary in accordance with a soil test that was conducted by a laboratory* performed no more than 3 years before the application;
- 2) Establishing vegetation for the first time, such as after land disturbance, provided the application is conducted in accordance with the recommended application rates established by the State;
- or 3) Re-establishing or repairing a turf area.

*In Maryland, the laboratory must be identified under Section 8-803.7 of the Agriculture Article, Annotated Code of Maryland.

In New Hampshire: This fertilizer contains phosphate. In New Hampshire, phosphate fertilizers may only be used for turf maintenance in golf courses, parks, athletic fields, and sod farms.



Manufactured by:
Lebanon Seaboard Corporation
1600 E. Cumberland St. • Lebanon, PA 17042
800-233-0628 • (717) 273-1685
Made in the U.S.A.
www.LebanonTurf.com

NET CONTENTS 2.5 GAL (9.46 L) NET WT 24.5 LB (11.11 KG)
STORE AND TRANSPORT IN AN UPRIGHT POSITION AT TEMPERATURES BETWEEN 50°F & 90°F (10°C & 32°C)
AGITATE BEFORE USE

roots®

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DIRECTIONS FOR USE: Apply only as directed.

- 1-2-3® PREMIX PLUS concentrate is applied at 6 fl. oz. per 1,000 sq. ft. every two weeks during the growing season.
- 1-2-3® PREMIX PLUS concentrate is added to the regular tank mix at a dilution rate of 1:50 or greater. Minimum dilution is 1:20.
- 1-2-3® PREMIX PLUS concentrate works best if it is irrigated in. However, this is not necessary if the tank mix includes contact fungicide or insecticide.

Compatibility: 1-2-3® PREMIX PLUS is tank mix compatible with soluble fertilizers, herbicides, insecticides, fungicides and absorbent gels. As with all chemicals, read the label for compatibility, and, if practical, test a small amount prior to use with other chemicals. If in doubt, call 800-233-1067 with questions. Tank mixing with materials above pH 10, or with alkaline solutions containing orthophosphate (PO₄) is not recommended.

STORAGE

STORE & TRANSPORT BETWEEN 50°F AND 90°F (10°C AND 32° C) TO MAINTAIN PRODUCT STABILITY. Due to the high concentration of ingredients, some settling of solids may occur; agitate or shake container to achieve complete solubility.

KEEP OUT OF REACH OF CHILDREN

For Safety Data Sheets contact your local distributor or call us at 1-800-233-1067.

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.

AGITATE BEFORE USE

Turf

Greens & Tees	12 fl. oz./1,000 sq. ft. first application
Maintenance program runs 9-12 months.	6 fl. oz./1,000 sq. ft. every 2 weeks (or 12 fl. oz. every 4 weeks)
Sports Turf - In Season	9 fl. oz./1,000 sq. ft. every 10 days
Overseeding	12 fl. oz. / 1,000 sq. ft. one application in August - to build up bermuda reserves
For turf that is not on the 1-2-3®	12 fl. oz. / 1,000 sq. ft. at two-leaf stage of rye, poa trivialis, or other grass
Pre Mix Plus maintenance program	6 fl. oz. / 1,000 sq. ft. every 2 weeks to completion
	12 fl. oz. / 1,000 sq. ft. one application in April or May- to bring back bermuda
	6 fl. oz. / 1,000 sq. ft. every 2 weeks until bermuda is back
Sod Installation	12 fl. oz./1,000 sq. ft. just after installation
Grow-in/Renovation	12 fl. oz./1,000 sq. ft. at two leaf stage, or 3 days after sprigging
	12 fl. oz./1,000 sq. ft. every 2 weeks until grow-in is complete
	6 fl. oz./1,000 sq. ft. for regular maintenance program
Fertigation/Injection	1 gal./acre every week (or 2 gal./acre every 2 weeks)
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.	

Hazard Statements

Harmful if swallowed.
Causes serious eye irritation.
May be harmful if inhaled.
May cause respiratory irritation.
Toxic to aquatic life.

Precautionary Statements

Persons with severely suppressed immune systems should contact their physicians before handling ordinary microbial products
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection.
If in eyes, rinse cautiously with water and seek medical attention if symptoms persist.
Rinse mouth.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.
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.

WARNING

