

# roots® 1-2-3® PreMix Plus MICROBIAL FERTILIZER CONCENTRATE

## 1-2-3

### Guaranteed Analysis

Total Nitrogen (N) .....	1.00%
1.0% Urea Nitrogen	
Available Phosphate ( $P_2O_5$ ) .....	2.00%
Soluble Potash ( $K_2O$ ) .....	3.00%
Iron (Fe) .....	2.70%
2.70% Chelated Iron (Fe)	
Manganese (Mn) .....	0.30%
0.30% Chelated Manganese (Mn)	

Derived from: Dipotassium Phosphate,  
Iron Citrate, Manganese Citrate, Urea. **F699**

### ALSO CONTAINS

#### NON PLANT FOOD INGREDIENTS

0.012% Bacterial Cultures  
Bacillus licheniformis ..... 7.0x10<sup>8</sup> cfu/mL  
Bacillus subtilis ..... 7.0x10<sup>8</sup> cfu/mL  
2.75% Yucca Extract Surfactant

37-56699



### 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 ( $PO_4$ ) is not recommended.

### Turf Maintenance

Maintenance program runs	12 fl. oz./1,000 sq. ft. first application
9-12 months	6 fl. oz./1,000 sq. ft. every 2 weeks (or 12 fl. oz. every 4 weeks)

(For additional application rates and information about the product visit [www.lebanonturf.com](http://www.lebanonturf.com))

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 product contains phosphorous.

In the states of MD, VA, NH, NJ phosphorous-containing fertilizer that is intended for non-agricultural use may only be used on:

- Newly seeded turf or turf during its first growing season
- turf areas being repaired or renovated
- turf where a soil test indicates a phosphorous deficiency

This fertilizer is not intended for the routine maintenance of turf. Do not apply to bare ground.

In the state of MA do not apply more than 2.0lb/1000sqft available phosphate per year.

In the state of NH do not apply more than 1.0lb/1000sqft available phosphate per year.

**Net Weight: 32 oz (946 mL)**

**Roots® 1>2>3> Premix Plus** is a liquid 3-in-one fertilizer, microbial nutrient, 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.

**Hazard Statements**

Harmful if swallowed.  
Causes serious eye irritation.  
May be harmful if inhaled.  
May cause respiratory irritation.

**WARNING**



**Precautionary Statements**

Wash hands and exposed skin 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/face protection.  
If in eyes, rinse 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 » 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.

**Not labeled for use on food crop sites.**

**DO NOT APPLY WITH ALUMINUM BASED FUNGICIDES.**

**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.

**SAFETY**

In case of contact flush with water.

**KEEP OUT OF REACH OF CHILDREN**

For Safety Data Sheets contact your local distributor or call us at 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.

**Manufactured by:**  
Lebanon Seaboard Corporation  
1600 E. Cumberland Street  
Lebanon, PA 17042  
[www.LebanonTurf.com](http://www.LebanonTurf.com)

**STORE AND TRANSPORT IN AN UPRIGHT POSITION AT TEMPERATURES BETWEEN 50°F & 90°F (10°C & 32°C)  
AGITATE BEFORE USE**

**97-56700**