



Emerald Isle Solutions™

1-2-3 Pre-mix Plus

A 3-in-one fertilizer, micronutrient and microbial inoculant that promotes root growth and color without pushing top growth.

- Contains beneficial rhizosphere bacteria to improve soil and plant health
- Includes chelated micronutrients of Fe and Mg to address deficiency issues
- Contains Yucca natural surfactant for excellent soil penetration

Application Rates and Guidelines

Use a minimum of 1 U.S. gallon per 1,000 sq. ft. (3.8 liters of water per 93 sq. meters). Fill spray tank with half of required spray water and turn on agitation. Measure product, put into the tank and add remaining water and other desired soluble products. Add a de-foaming agent and adjust pH of tank-mix, if necessary. For best results, apply in the early morning or late afternoon.

Emerald Isle Liquids are concentrated materials and are compatible with most fertilizers and chemicals, but should not be mixed directly with other chemicals. They should be mixed in spray tanks with water and proper agitation. Conduct a jar test, as needed, to ensure compatibility with other products before tank mixing.

Golf Course Greens & Tees	Apply 12 oz. Per 1,000 sq. ft. for first application • (355 ml per 93 sq. meters) Apply 6 oz. per 1,000 sq. ft. every 14 days (or 12 oz. every 4 weeks) • (177 ml per 93 sq. meters or 355 ml per 93 sq. meters)
Sports Turf	Apply 9 oz. per 1,000 sq. ft. every 10 days (266 ml per 93 sq. meters)
Overseeding	Apply 12 oz. per 1,000 sq. ft. in August to build up Bermuda reserves Apply 6 oz. per 1,000 sq. ft. at two leaf stage of rye, poa trivialis or other grasses Apply 6 oz. per 1,000 sq. ft. every 14 days to full establishment Apply 12 oz. per 1,000 sq. ft. in April/May to bring back Bermuda Apply 6 oz. per 1,000 sq. ft. every 14 days until Bermuda has fully transitioned
Grow-in/Renovation	Apply 12 oz. per 1,000 sq. ft. at two leaf stage or 3 days after sprigging Apply 12 oz. per 1,000 sq. ft. every 14 days until grow-in in complete Apply 6 oz. per 1,000 sq. ft. for regular maintenance program
Fertigation/Injection	Use 1 gallon per acre weekly or 2 gallons every 2 weeks

AGITATE BEFORE USE

Net Weight: 24.5 lbs. (11.11 kg.)
2.5 U.S. Gallons (9.46 Liters)

Formerly sold under the **roots** brand



97-18986

1-2-3

Storage and Use Guidelines

Store in the original containers at temperatures between 50° F and 90° F (10° C and 35° C). Mix with other materials only at the time of application and in exact amounts required. To avoid contamination, do not return previously mixed product to its original container. Use all product within 12 months of original purchase date.

Emerald Isle Solutions products are formulated for professional use on golf courses, sports turf fields and other highly maintained turf areas. Rates and timing will vary based on soil and tissue analysis and your specific agronomic needs that should be determined by professional applicatory based on local soils, regulation and climate

WARNING



Hazard Statements

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

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.

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

GUARANTEED ANALYSIS		GUARANTEED MINIMUM ANALYSIS	
Total Nitrogen (N)	1.00%	Total Nitrogen (N)	1.00%
1.00% Urea Nitrogen		1.00% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	2.00%	Available Phosphate (P ₂ O ₅).....	2.00%
Soluble Potash (K ₂ O).....	3.00%	Soluble Potash (K ₂ O).....	3.00%
Magnesium (Mg)	1.00%	Magnesium (Mg)	1.00%
1.00% Soluble Magnesium (Mg)		1.00% Soluble Magnesium (Mg)	
Iron (Fe)	2.70%	Iron (Fe) (Actual).....	2.70%
2.70% Chelated Iron (Fe)		2.70% Chelated Iron (Fe)	
Manganese (Mn)	0.30%	Manganese (Mn) (actual).....	0.30%
0.30% Soluble Manganese (Mn)		0.30% Soluble Manganese (Mn)	
Sulfur (S)	1.5%	Sulfur (S)	1.5%
1.5% Combined Sulfur (S)		1.5% Combined Sulfur (S)	
Derived from: Dipotassium Phosphate, Iron phosphate-citrate, Magnesium Sulfate, Manganese Sulfate, Urea.		Derived from: Dipotassium Phosphate, Iron phosphate-citrate, Magnesium Sulfate, Manganese Sulfate, Urea.	
U.S.A		CANADA	

F699

ALSO CONTAINS

NON PLANT FOOD INGREDIENTS

0.012% Bacterial Cultures
Bacillus licheniformis7.0x10⁸ cfu/mL
Bacillus subtilis7.0x10⁸ cfu/mL
2.75% Yucca Extract Surfactant

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
3) Re-establishing or repairing a turf area.

*In Maryland, the soil testing 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.

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 St. • Lebanon, PA 17042
800-233-0628 • 717-273-1685

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



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