



Emerald Isle Solutions™

Micro-Mix 0-3-5

A chelated fertilizer which provides essential micronutrients to address deficiencies while also delivering rapid green-up without pushing top growth.

- Contains Magnesium, Manganese, Iron, Boron, Sulfur and Zinc
- Rapid green-up with 100% non-staining iron
- Highly concentrated product with a low application rate



Application Rates and Guidelines

Emerald Isle Micro-Mix is formulated for soil or foliar application and is designed to supplement all fertilizer programs. It is an excellent tank mix buffer. Emerald Isle Micro-Mix can be applied through injection and drip irrigation, fertigation, or sprayer systems. Low moisture conditions may limit nutrient uptake, so a minimum dilution of 1:30 in water recommended. Maximum dilution should not exceed 1:600.

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 1 oz. per 1,000 sq. ft. every 2 weeks – or – 2 oz. per 1,000 sq. ft. every 4 weeks
Sports Turf	(30 ml per 93 sq. meters)
Golf Course Fairways	Apply 1.5 quarts per acre every 2 weeks or 3 quarts per acre every 4 weeks (1.42 liters per .4 hectare or 2.84 liters per hectare)
Overseeding & Sod Installation	Apply 2 oz. per 1,000 sq. ft. after germination or at time of installation (60 ml per 93 sq. meters)
Trees & Shrubs (Deep Root Feeding)	Apply 1 gallon per 100 gallon mix in Spring or Fall (3.79 liters per 379 liter mix)
Trees & Shrubs (Transplant & Maintenance)	
Foliar Spray	Apply 24 oz. per 100 gallon mix in Spring, Summer and Fall (.71 liters per 379 liter mix)
Soil Application	Apply 4 oz. per 100 sq. ft. in Spring, Summer and Fall (.12 liters per 9.29 sq. meters)

AGITATE BEFORE USE

Net Weight: 26.4 lbs. (11.98 kg.)
2.5 U.S. Gallons (9.46 Liters)

Formerly sold under the **roots** brand



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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.
Very toxic to aquatic life with long lasting effects.



Precautionary Statements for handling:

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

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.

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GUARANTEED ANALYSIS		GUARANTEED MINIMUM ANALYSIS	
Available Phosphate (P ₂ O ₅).....	3.00%	Available Phosphate (P ₂ O ₅).....	3.00%
Soluble Potash (K ₂ O).....	5.00%	Soluble Potash (K ₂ O).....	5.00%
Magnesium (Mg).....	1.80%	Magnesium (Mg).....	1.80%
1.80% Water Soluble Magnesium (Mg)		1.80% Water Soluble Magnesium (Mg)	
Sulfur (S).....	3.00%	Sulfur (S).....	3.00%
3.00% Combined Sulfur (S)		3.00% Combined Sulfur (S)	
Iron (Fe).....	5.00%	Iron (Fe) (actual).....	5.00%
5.00% Chelated Iron (Fe)		5.00% Chelated Iron (Fe)	
Manganese (Mn).....	1.20%	Manganese (Mn) (actual).....	1.20%
1.20% Chelated Manganese (Mn)		1.20% Chelated Manganese (Mn)	
Zinc (Zn).....	0.50%	Zinc (Zn).....	0.50%
0.5% Chelated Zinc (Zn)		0.5% Chelated Zinc (Zn)	
Derived from: Dipotassium Phosphate, Magnesium Sulfate, Iron Citrate, Manganese Citrate, Zinc Citrate and Sodium Borate.		Derived from: Dipotassium Phosphate, Magnesium Sulfate, Iron Citrate, Manganese Citrate, Zinc Citrate and Sodium Borate.	
U.S.A		CANADA	
CAUTION: Boron is recommended for all crops where Boron is deficient; however, excessive application to susceptible crops may cause damage.			

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 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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