



Emerald Isle Solutions™

Thatch-X®

4-2-2

Granular Turf Supplement

GUARANTEED ANALYSIS		GUARANTEED MINIMUM ANALYSIS	
Total Nitrogen (N)	4.00%	Total Nitrogen (N)	4.00%
0.1% Ammoniacal Nitrogen		0.1% Ammoniacal Nitrogen	
1.8% Water Soluble Nitrogen		1.8% Water Soluble Nitrogen	
2.1% Water Insoluble Nitrogen		2.1% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅).....	2.00%	Available Phosphate (P ₂ O ₅).....	2.00%
Soluble Potash (K ₂ O).....	2.00%	Soluble Potash (K ₂ O).....	2.00%
Derived from: Kelp Meal, Fish Meal and Alfalfa Meal.		Derived from: Kelp Meal, Fish Meal and Alfalfa Meal.	

Not for use in organic crop and food production.

Thatch-X is a blend of food and feed-grade organic meals including cold water seaweed.

Application Guidelines

Apply Thatch-X 1 or 2 times per year. Spread 2nd application 1 month after first. Apply after soil temperatures are consistently above 40°F (5°C) and daytime high temperatures are above 60°F (15°C). Thatch-X will be effective at somewhat lower temperatures, but may take longer to produce results. Apply only after danger of freezing has past. This product is intended as a supplement to a regular fertilization program. For best results use in conjunction with a slow release nitrogen fertilizer program and apply directly after core aeration.

Use Thatch-X with an integrated program to help manage conditions that promote thatch build up. Regular use of slow release nitrogen fertilizers are suggested to avoid surge growth which leads to increased thatch accumulation.

Application Rates

Apply Thatch-X at the rate of 3 lbs (1.4 kg). per 1,000 sq. ft. (93m²) as often as desired during the growing season in conjunction with core aeration, deep verticutting, DryJect aeration, or similar aeration technologies. Thatch-X can also be applied at a rate of 1-1.5 lbs (0.5 - 0.7 kg) per 1,000 sq. ft. (93m²) in conjunction with light verticutting.

Application Rates

Spreader	Settings	Pattern Width
Scott's Drop Spreader	7	-
Scott's Rotary (R8A)		
Letter Setting:	L½	8 ft (2.44m)
Cone Setting:	9	8 ft (2.44m)
Gandy 10-T Series (4 mph/6.4 kph)	38	8 ft (2.44m)
Spyker Spreader		
Single Pass:	4	5 ft (1.52m)
Double Pass:	3.4	5 ft (1.52m)
Lesco Rotary (Lesco Gauge Reading):	13	5 ft (1.52m)
Vicon 203	35	30 ft (9.14m)
Lely (4.5 mph/7.2kph)	10, hole 1	30 ft (9.14m)

Storage and Handling

Thatch-X should be stored in a dry location. Keep sealed when not in use. Do not freeze. Do not store in direct sunlight or in temperatures above 90°F (32°C). Optimum storage temperature is between 40° and 70° (5°C and 21°C). Keep out of reach of children.

Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

In Maryland and Virginia: This fertilizer contains phosphorus and may not be used for lawn maintenance on turf in the states of Maryland 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.

Apply only to actively growing turf. Do not exceed 3.2 lbs. of total Nitrogen per 1,000 square feet annually.

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.

Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

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

Hazard Statements

Keep out of reach of children.

Precautionary Statements

Use dust mask and/or reasonable personal protective equipment as required to avoid breathing dusts. Dispose in accordance with all federal, state and local regulations.

CONDITIONS OF SALE

The Manufacturer warrants only that product conforms to label description. Buyer and user agree to accept all liability associated with handling, use, and disposal of this product.



Manufactured by:
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Made in the U.S.A.
www.LebanonTurf.com

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



Net Weight: 13.6 Kg. (30 lbs.)