PennMulch®

Seed Starter™

MOISTURE CELL TECHNOLOGY®

After watering, PennMulch Seed Starter releases a **Full Rate of Starter Fertilizer** and **Absorbs Three Times its Weight in Water**, promoting superior moisture retention for enhanced seed establishment. As PennMulch is watered it expands to cover a greater area securing the mulch in place, preventing erosion, and ensuring stable foundation for successful turf establishment.

- **Full rate of starter fertilizer provides nutrients necessary for strong healthy turf**
- **Moisture Cell Technology stores water to prevent seedlings from drying out**
- **Expands to cover seed and soil, preventing movement during germination**

PennMulch is the guaranteed weed-seed-free alternative to straw that gives superior results

Rate	Nitrogen/1000 Sq. Ft.	Phosphate / 1000 Sq. Ft.	Potash / 1000 Sq. Ft.
50lb/1000 Sq. Ft.	0.5 lb	1 lb	0.25 lb

Application Instructions:

1. **Prepare the seed bed**
2. **Spread the seed and lightly rake into the soil**
3. **Apply PennMulch at a rate appropriate for the application**
4. **For best results, irrigate after applying PennMulch, with 0.1 – 0.2 inches (0.3 – 0.5 cm) of water.**
5. **Color turns light gray when it is time to irrigate again**

Broadcast Application Rate

Slope Condition	Rate
Flat to 5H:1V	50lb / 1000 Sq. Ft. (22.7kg / 93m^2)
5H:1V to 4H:1V	75lb / 1000 Sq. Ft. (34kg / 93m^2)

Note: Dry PennMulch (at a rate of 50lb/1000 Sq. Ft.) covers approximately 25% of the exposed soil.

Hydroseeding Application Rate

Add 40 pounds per 100 gallons of water along with seed when hydroseeding; confirm loading rates with equipment manufacturer.

Slope Condition	Rate
Flat to 5H:1V	40lb / 1000 Sq. Ft. (18.1kg / 93m^2)
5H:1V to 4H:1V	60lb / 1000 Sq. Ft. (27.1kg / 93m^2)

Precautionary Statements for handling:
KEEP OUT OF REACH OF CHILDREN
Precautionary Statements for disposal -
Dispose in accordance with all federal, state and local regulations.

Due to the high cellulose content in this product, some surface mold may develop. Mold will not reduce the efficacy of the product.

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.

1-2-0.5

GUARANTEED ANALYSIS

Total Nitrogen (N) 1.0%
0.88% Ammoniacal Nitrogen
0.06% Nitrate Nitrogen
0.06% Urea Nitrogen
Available Phosphate (P_2O_5) 2.0%
Soluble Potash (K_2O) 0.5%
Derived from: Urea Ammonium Nitrate Solution, Ammonium Polyphosphate and Muriate of Potash.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS
Soil Amending Guaranteed Analysis:
90% Paper Mulch
3% Sodium polyacrylate
Ingredients:
7% Fertilizer

F699

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

For more information, visit www.LebanonTurf.com

PennMulch®, PennMulch Seed Starter™ and Moisture Cell Technology® are registered trademarks of Lebanon Seaboard Corporation.

Manufactured by
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PennMulch®

Seed Starter™

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23-96109

- **Full Rate of Starter Fertilizer**
- **Stores Moisture for Seedlings**
- **Holds Grass Seed in Place**



Dry



Activated

Made from 90% Recycled Material

LebanonTurf

For more information, visit www.LebanonTurf.com

Net Weight 40 lbs. (18.14 Kg)

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