

Provides a feeding of starter fertilizer

PennMulch[®]

Seed Accelerator[®]

◆ **Easy to Apply**

Use your existing equipment

◆ **Better Germination**

Stores moisture for seedlings

◆ **Faster Establishment**

Full application of starter fertilizer



LebanonTurf

For more information, visit www.LebanonTurf.com



Spread the Seed



Apply the PennMulch



Water the Area



Watch it Grow

LebanonTurf's PennMulch Seed Accelerator, is a pelleted seed establishment mulch comprised of recycled newsprint, starter fertilizer, and Moisture Cell Technology. Adaptable to any soil type, PennMulch is ideal for establishing a thicker, healthier lawn in one convenient application. Perfect for golf course superintendents, athletic field managers, landscapers and other turf professionals.

The original is all you need.

The only one with Moisture Cell Technology, PennMulch expands up to 3 times its size allowing it to retain moisture and improve seed establishment.

Stacks up against the competition.

In trials, PennMulch was the only pelletized paper mulch that did not cause soil nitrogen deficiencies which decrease turfgrass growth and development. PennMulch consistently performed to retain moisture and, therefore, improve overall density.

Reduce the likelihood of weeds.

Quicker turf establishment means fewer weeds. PennMulch keeps the root zone moist while delivering a starter fertilizer to increase root development and enhance germination. A thicker root system, reduces the likelihood of weed activity.

Save time, money, and labor.

Eliminate callbacks by getting it right the first time. Without hay, there's no need to return to rake. Rest assured with your reputation on the line, PennMulch helps reduce dry spots and increase turf establishment, allowing you to focus on increasing your productivity.

Easy to apply.

Use any quality spreader to apply PennMulch. Delivering all you need to enhance your seeding in one convenient application.

Hazard Statements

May irritate digestive tract if consumed in quantity.

Dust may be mildly irritating if inhaled.

Keep out of reach of children.

Precautionary Statements

Avoid breathing dust.

Wash hands after handling.

Dispose in accordance with all federal, state and local regulations.

Manufactured by

LEBANON SEABOARD CORPORATION

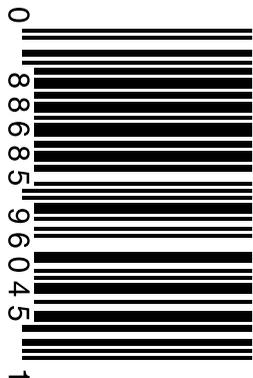
1600 East Cumberland Street

Lebanon, PA 17042

800-233-0682 • (717) -273-1685

www.LebanonTurf.com

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



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Spreader Application Instructions

1. Prepare a well-cultivated seed bed.
2. Spread seed for effective soil/seed contact and lightly rake into soil.
3. Apply PennMulch with a properly calibrated applicator.
4. For best results, irrigate after application with 0.2 - 0.4 inches (0.5 - 1.0 cm) of water.
Do not remove PennMulch after application.

Rates

PennMulch Seed Accelerator can be applied at varying rates depending on soil conditions, seed variety, and desired moisture retention level. Applications should not obscure the soil. Once expanded, coverage should be approximately 50% of the visible soil surface. The following chart shows recommended rates for typical applications.

Rate/MSF	Bags/Acre (4,045m ²)	Nitrogen / 1,000 Ft ² (92.9m ²)	Phosphate / 1,000 Ft ² (92.9m ²)	Potash / 1,000 Ft ² (92.9m ²)
65 Lbs (29.5 kg)	57	0.46 Lb (0.22 kg)	0.65 Lb (0.29 kg)	0.26 Lb (0.12 kg)

PennMulch Seed Accelerator application settings for commercially available equipment

Spreader setting chart to apply 75 lbs. (34 kg) of PennMulch Seed Accelerator per 1,000 ft² (92.0m²)

Equipment	Setting	Coverage Width	Ground Speed
Gandy 36 & 42" drop spreader	1/2" fixed-rate bottom set wide open	36" or 42" (0.9 m or 1.0 m)	3 mph (4.8 km)
Gandy 60" Drop Spreader	80-wide open	5' (1.5m)	3 mph (4.8 km)
Spyker Mulch-N-More Broadcast Spreader	Mulch spinner basket with maximum hopper opening	7-8' (2-1 - 2.4 m)	2.5 mph (4 km)
PennMulch HVO, Prizelawn Bigfoot HVO Broadcast Spreader	Hinged hopper plate wide open	36" (0.9 m) wheel-to-wheel for overlap spread	2.5 mph (4 km)
Millcreek Turf 50 Topdresser	2nd hole	10' (3.0 m)with hood	3.25 mph (5.2 km)
Turfco Mete-R-Matic Tow-Behind Topdresser	2.5	6' (1.8 m)	2.5 mph (4 km)
Turfco Mete-R-Matic Self Propelled Topdresser	2	5' (1.5 m)	3.5 mph (5.6 km)
Vicon Pendulum Spreader	72	28" (0.8 m) at 32" (0.8 m)high with wheel-to-wheel overlap	2.5 mph (4.0 km)
Kuhn Spreader	80-wide open PTO Speed 540	45' (1.1 m)	1.25 mph (2.km)
Toro Topdresser 1800	7	6' (0.1 m)	3 mph (4.8 km)
Earth & Turf Topdresser	2 3/8"	15' (0.4 m)	3 mph (4.8 km)
Ty-Crop w/ Topdresser attachment	3 (belt=3)	6' (0.1 m)	3 mph (4.8 km)
Ty-Crop w/ Disc attachment	65	30' (0.8 m)	3 mph (4.8 km)

Hydroseeding Instructions

PennMulch Seed Accelerator works well in conventional hydroseeding equipment. When applying, use approximately 40 lbs. of PennMulch per 100 gallons of water. (Rates vary based on desired thickness of slurry at the nozzle and machinery used.) Mix PennMulch and water for approximately 10 minutes or until pellets are hydrated into a slurry.

0.7-1-0.4

Guaranteed Analysis

Total Nitrogen (N).....	0.7%
0.62% Ammoniacal Nitrogen	
0.04% Nitrate Nitrogen	
0.04% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	1.0%
Soluble Potash (K ₂ O).....	0.4%
Derived from Ammonium Nitrate-Urea Solution, Ammonium Polyphosphate, and Muriate of Potash.	

Guaranteed Minimum Analysis

Total Nitrogen (N).....	0.7%
0.62% Ammoniacal Nitrogen	
0.04% Nitrate Nitrogen	
0.04% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	1.0%
Soluble Potash (K ₂ O).....	0.4%
Derived from Ammonium Nitrate-Urea Solution, Ammonium Polyphosphate, and Muriate of Potash.	

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

F699

Soil Amending Guaranteed Analysis

Active Ingredients:

92.0% Paper Mulch
1.5% Sodium polyacrylate

Inert Ingredients (as soil amending):

6.5% Fertilizer

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