

Provides a complete feeding of starter fertilizer

PennMulch® Seed Accelerator



Developed and patented by Penn State University, PennMulch is made from super-absorbent polymers* and recycled newsprint. The fiber pellets expand and give you moisture right where you need it — at the seed bed level. And PennMulch comes with a starter fertilizer that helps give your seeds the initial feeding they need to get off to a great start.



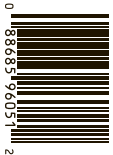
Conserves moisture at the seed level.	LebanonTurf
--	--------------------

For more information, visit www.LebanonTurf.com

PennMulch® Seed Accelerator

PennMulch® Seed Accelerator

SPECIMEN LABEL



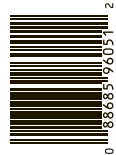
U.S. Patent 5,456,733

Net Weight **50** lbs. (22.68 Kg)

96051



PennMulch® Seed Accelerator



PennMulch®

Seed Accelerator®

PennMulch Seed Accelerator, by Lebanon Turf Products, is a pelleted seed establishment mulch comprised of recycled newsprint, starter fertilizer, and Moisture Cell Technology — a patented super-absorbent polymer. It has a wide range of uses and is perfect for golf course superintendents, athletic field managers, irrigation companies, cemetery groundskeepers and other turf and lawn care professionals.

The original is all you need.

PennMulch Seed Accelerator is the only seed establishment product containing patented Moisture Cell Technology. Comprised of super-absorbent polymers*, Moisture Cell Technology can absorb up to 400 times its weight in water, which causes the pellets to expand. As the seed bed dries, the microscopic polymer crystals release water back into the soil, providing the new seedlings with the moisture they need to grow healthy and strong. Though there are a number of look-alike products on the market, university testing shows that none can match the results of PennMulch Seed Accelerator.



Eliminates Weed Problems.

Straw and hay contain weed seeds. You may be introducing perennial grassy weeds like Orchard grass and Timothy that can not be selectively controlled and are very difficult to remove from established turf. PennMulch Seed Accelerator contains no weed seeds. Don't waste your time, valuable labor, and premium seed only to have it ruined by weeds.

Improved efficiency.

Only PennMulch Seed Accelerator contains a complete feeding of starter fertilizer. PennMulch also helps to eliminate callbacks by reducing or eliminating dry spots and inconsistent seedling fill in. And unlike straw or hay, PennMulch never needs to be raked and removed and will not blow into the neighbor's yard or swimming pool.

Cost effective.

You're a reputable professional and you guarantee your work. It's estimated that up to 30% of the cost of seeding jobs is associated with returning time and again to fix areas that don't fill-in properly. PennMulch Seed Accelerator can't guarantee that your customers will water, but it is proven to speed up seedling establishment. With PennMulch you are less reliant on customers and weather to provide moisture, which means a greatly reduced chance of seedling failures.

Easy to apply.

Almost every major spreader manufacturer has developed a walk-behind HVO or High Volume Spreader that can apply PennMulch Seed Accelerator quickly and easily. Many of these can be converted for use with standard fertilizers and can be used for other applications such as salt spreading or topdressing. For larger applications we have tested dozens of large volume spreaders and found many that will deliver the proper rate of PennMulch.

Manufactured by
LEBANON SEABOARD CORPORATION
 1600 East Cumberland Street
 Lebanon, PA 17042
 www.LebanonTurf.com



96051

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

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 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 range from 20% to 60% of the visible soil surface. The following chart shows recommended rates for typical applications.

Rate/MSF	Bags/Acre	Nitrogen / 1,000 Sq. Ft.	Phosphate / 1,000 Sq. Ft.	Potash / 1,000 Sq. Ft.
55 Lbs	48	0.55 Lb	1.65 Lb	0.55 Lb
65 Lbs	57	0.65 Lb	1.95 Lb	0.65 Lb
75 Lbs	65	0.75 Lb	2.25 Lb	0.75 Lb
85 Lbs	74	0.85 Lb	2.55 Lb	0.85 Lb

PennMulch Seed Accelerator application settings for commercially available equipment

Spreader setting chart to apply 75 lbs. of PennMulch Seed Accelerator per 1,000 sq. ft.

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

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.

1-3-1

Fertilizer Guaranteed Analysis

Total Nitrogen (N)..... 1%
 Available Phosphate (P₂O₅)..... 3%
 Soluble Potash (K₂O)..... 1%
 Derived from Ammonium Nitrate-Urea Solution, Ammonium Polyphosphate, and Muriate of Potash. F699

*Also contains Non-Plant Food Ingredient: Sodium polyacrylate 1.5%

For more information, visit www.LebanonTurf.com

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

SPECIMEN LABEL