

PHC® Turf Saver™

PHC® Turf Saver™ is a mycorrhizal fungi inoculant formulated for turf installations and maintenance. It contains a blend of VA mycorrhizal (VAM) fungi and rhizosphere bacteria selected for their beneficial activities in the rhizosphere of plants. PHC® Turf Saver™ contains Colonize™, a proprietary stimulant of VAM fungi to increase colonization rates of the grass roots. *PHC® Turf Saver™*:

- Increases feeder root absorption capacity
- Prevents sod loss due to heat and drought stress
- Prevents root system decline
- Introduces specific mycorrhizal fungi and bacteria
- Helps recovery from stress and root damage
- Stimulates native and inoculated VAM fungal growth and colonization

DIRECTIONS FOR USE

NEW TURF OR SOD INSTALLATION/CONSTRUCTION

Prior to seeding or sodding, spread PHC® Turf Saver™ over the planting area at a rate of 22 pounds per 1000 square feet. If sodding, lay sod directly over product. Otherwise, rake or rototill product into the top 2 inches of soil prior to seeding or sprigging. At this rate, the product delivers about 70 spores per square foot combined with formononetin, a stimulant of VAM fungi colonization.

ESTABLISHED TURF

AERATION/VERTICAL CUTTING:

Application of PHC Turf Saver **MUST** be preceded by either aeration or vertical cutting in order to facilitate movement of product into turfgrass root zone. Following aeration or vertical cutting, remove loose debris, and apply as directed below:

Rate	Method	Frequency
6 pounds Turf Saver per 1000 sq ft	Apply by drop spreader then matt or brush into aeration holes or vertical cuts. Follow with an application of a light to medium topdressing	During growing periods prior to or following stress periods

DRENCH: Apply Colonize T & O two to four weeks following application of Turf Saver

Rate	Method	Frequency
2.5 pounds Colonize T & O per acre	Drench soil to saturation	2 to 4 weeks following initial application of Turf Saver

MAINTENANCE:

Rate	Method	Frequency
1.5 pounds Colonize T & O per acre	Drench soil to saturation	Monthly or during growing periods prior to or following stress periods

SPREADER SETTINGS

RATE PER 1000 FT ²	Earthway Drop Spreader	Scotts Drop AccuGreen	Scotts Drop Precision Green	Speedy Green	AccuPro 2000
22 pounds	19 (2x)	18	16 1/2	8 (2x)	Y
6 pounds	16	8	8	5 1/2	L 1/2
Width of Spread	Overlap Wheels	Overlap Wheels	Overlap Wheels	5-ft Spread	8-ft Spread Cone 9

NOTE: 2X means 2 passes

ENDOMYCORRHIZAL FUNGAL INOCULANT AND BIOFERTILIZER FOR TURFGRASS INSTALLATION

GUARANTEED ANALYSIS 3 - 4 - 3

Nutrient.....	% By Weight
Total Nitrogen (N)	3%
Available Phosphate(P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	3%

Derived From: Feather Meal, Blood Meal, Bone Meal, Fish Meal, Calcium Phosphate, Sulfate of Potash.

VA Endomycorrhizal (VAM) Fungi.....	3300 spores/Lb
825 spores/Lb <i>Entrophospora columbiana</i>	
825 spores/Lb <i>Glomus etunicatum</i>	
825 spores/Lb <i>Glomus clarum</i>	
825 spores/Lb <i>Glomus intraradices</i>	

Rhizosphere <i>Bacillus spp.</i>.....	504 Million cfu/Lb
84 Million cfu/Lb <i>Bacillus licheniformis</i>	
84 Million cfu/Lb <i>Bacillus megaterium</i>	
84 Million cfu/Lb <i>Bacillus polymyxa</i>	
84 Million cfu/Lb <i>Bacillus subtilis</i>	
84 Million cfu/Lb <i>Bacillus thuringiensis</i>	
84 Million cfu/Lb <i>Paenibacillus azotofixans</i>	

Seaweed Meal derived from <i>Ascophyllum nodosum</i>	16%
Humate derived from Leonardite	34%
Formononetin.....	0.01%
Fertilizer Ingredients	47.19%

INERT INGREDIENTS.....2.8%

DIVOT MIXES Mix 5 pounds of PHC® Turf Saver™ per cubic yard of divot mix.

STORAGE/SHELF LIFE

This product is stable in cool, dry storage conditions. See expiration date on package.

HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact physician.
- Avoid breathing dust or spray mist.
- Wash hands after handling.
- In case of ingestion, seek medical attention.
- **Keep out of reach of children.**

PACKAGING

22-Lb box and 50-Lb drum

TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051

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