

PRODUCT DATA SHEET

PEATBUILT+®

PeatBuilt+ Biochar 2-0-0

All the benefit of Reed Sedge Peat plus environmentally friendly biochar combined into a granular media. Supports microbial populations for healthier soil. Use as a turf building base for grow-ins and new construction, top dressing or in divot mixes where OM is needed for establishing seed.

Consistently meters in spreaders and wets readily. Ideal as a soil amendment for planters and beds.

Key Benefits

Water Retention

High carbon substrate captures water and slowly releases it to plants during dry periods.

Hydraulic Conductivity

Granular structure with favorable hydraulic characteristics to eliminate ponding.

Climate Friendly

Biochar is a stable carbon that persists in the soil for decades and centuries, contributing to a greener planet.

Microbial Haven

Promotes a thriving microbial ecosystem, which is essential for nutrient cycling and overall soil health.

Properties

PHYSICAL FORM	BEADS	BEADS
MATRIX	40 – 60% BIOCHAR 40 – 60% REED SEDGE PEAT	40 – 60% BIOCHAR 40 – 60% REED SEDGE PEAT
BULK DENSITY	0.50 G/CM3 (31 LB/FT3)	0.44 G/CM3 (27.5 LB/FT3)
AVG PARTICLE SIZE	60 SGN	140 SGN
MOISTURE CONTENT	<5%	10%
pH	6.5 – 7.5	6.5 – 7.5

IRON, FE (%)	0.71	PHOSPHORUS, P2O5 (%)	0.079
MANGANESE, MN (%)	0.01	POTASSIUM, K2O (%)	0.064
CARBON (TOTAL), C (%)	55.6	HUMIC ACID (%)	4.53
TOTAL NITROGEN, N (%)	2.0	FULVIC ACID (%)	12.21

Test methods available upon request

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Application Instructions

General rate: Apply Peat+Biochar at a rate of 5-10% by volume of the soil. Modify the application rate based on soil test results and specific soil conditions. If recommended, mix Peat+ Biochar with other organic amendments before application to enhance benefits.

New Constructions: Incorporate Peat+Biochar into the soil during the initial planting phase. Spread the Peat+Biochar evenly over the soil surface. Use a tiller, spade, or rake to incorporate it into the top 3-6 inches of soil. Apply approximately 10 pounds per 1000 square feet.

Post-Establishments: Apply Peat+Biochar as a top dressing to established turf, particularly in problem areas needing soil improvement. Apply Peat+ Biochar evenly across the turf surface. Water thoroughly to help the product settle into the soil. Apply approximately 5-10 pounds per 1000 square feet.

Safety & Handling

Water Protective Gear: Use gloves, a mask, and eye protection when handling and applying to avoid inhalation or skin contact.

Storage: Store in a dry, cool place away from direct sunlight and moisture to maintain its effectiveness.

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