



Technical Data Sheet – Sunterra Horticulture Professional Fine Grade Peat Moss

General

Sunterra Horticulture Professional Fine Grade Peat Moss is a professional grade peat moss suitable for horticultural substrates for young plant production for nurseries and greenhouse plants. It is also suitable for mushroom production.

TECHNICAL DATA

pH	3.5 – 4.5	SME
EC (mS/cm)	<0.50	SME
Moisture Content (w/w)	50% +/- 10%	Weight-basis
Organic Matter	98% +/- 0.5%	Loss on Ignition (ASTM D586-19)
Sieve Fraction	<1% ¼" (retained)	ASTM D7560
	<10% passing No. 100	
	40% retained No. 8 to 25	
	50% retained No. 50 to 100	
Loose Bulk Density (lbs/ft ³)	6.0 – 9.0	ASTM D2978
Stick/Root Qty (g/L)	<0.35	
Stick Length (in)	<0.75	
Physical Properties (NCSU)	Total Porosity (%)	80 – 95
	WHC (%)	70 – 85
	AS (%)	8 – 15

COMPOSITION

100% Sphagnum peat

PACKAGING

- 135 ft³ Towers
 - Bale Volume (compressed): 135 cubic feet (3.8 cubic meters)
 - Bale Volume (expanded): 270 cubic feet (7.6 cubic meters)*
 - Pallets: Weather-proof
 - Pallet Quantity: 1 bale/pallet
- 64 ft³ Bales
 - Bale Volume (compressed): 64 cubic feet (1.8 cubic meters)
 - Bale Volume (expanded): 128 cubic feet (3.6 cubic meters)*
 - Pallets: Weather-proof
 - Pallet Quantity: 2 bale/pallet

COUNTRY OF ORIGIN

Canada

*Actual expanded volume results can be affected by moisture, bulk density, age of product, and equipment used to expand peat.