



BIG BEAR HILLS, INC.

TECHNICAL DATA SHEET BIG BEAR HILLS – SCREENED BLACK PEAT

OMRI™
Listed
Organic Materials Review Institute

DESCRIPTION: Big Bear Hills Black Peat is a naturally occurring Hypnum Peat high in organic matter and high in CEC and water holding capacity. This natural product is ideal for use as a soil additive or conditioner for use in a variety of horticultural, agricultural and environmental applications. The near neutral pH along with being slightly humified makes this product ideal for use in potting soils mixes, lawns, gardens, flower beds, golf courses, greens, fairways and for soil reclamation purposes. This product is available in shredded form and shipped in bulk, bulk bags or 1.5 ft³ bags.

PHYSICAL ANALYSIS:

PROPERTY	TYPICAL
Organic Matter	65 – 75%
Cation Exchange Capacity (CEC)	90 – 120 meq/100g
pH	5.9 – 6.9
Moisture Content	60 – 70%
Electrical Conductivity (EC)	0.15 mmhos/cm
Colour	Brownish – Black
Bulk Density – poured – packed	35 – 39 lbs/ft ³
Carbon- Nitrogen Ratio	15:1

CHEMICAL ANALYSIS:

Nutrient	TYPICAL pm
Total Nitrogen	2.4%
Nitrate nitrogen NO ₃ – N	40
Phosphate – P ₂ O ₅	6
Potassium – K ₂ O	100
Calcium – Ca	110
Magnesium – Mg	25
Sulphur – SO ₄	550
Manganese - Mn	<0.05
Iron – Fe	0.30
Copper – Cu	9
Boron – Bo	0.13
Zinc – Zn	20
Molybdenum – Mo	12
Aluminum – Al	0.47
Sodium – Na	34
Chloride – Cl	5

DISCLAIMER: To the best of Big Bear Hills Inc.'s knowledge the data contained herein is accurate and reliable at the date compiled. Big Bear Hills Inc. however makes no warranty of any kind, expressed or implied regarding the information provided herein. It is the user's responsibility to determine the suitability of the information for the user's own purposes. Big Bear Hills Inc. does not accept any liability for loss or damage that may occur from any use of this information.

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