



## ■ Biotic Earth Black

Carthage Mills Biotic Earth Black is an extremely biotic-active hydraulically applied mulch and growth medium that includes a high concentration of soil builders and affords highly effective erosion control. The Biotic Earth Black is specifically designed to assist in building an effective plant growth medium over poor topsoil or even sub soil.

It is used for vegetation establishment on medium to extreme slopes for immediate erosion control, as a soil amendment with other erosion control measures, and where vegetation establishment is expected to occur within 12 months or less.

PROPERTY	DATA
<input type="checkbox"/> <b>Material Composition</b>	
Amount by volume of thermally and mechanically processed straw and flexible flax fibers (FFF)	40%
Amount by volume of professional grade sphagnum peat moss	57%
Amount by volume other valuable trace minerals, sugars, starches, proteins, fiber and 16 amino acids including folic acid, vitamin A, triacontanol and triacontanol growth stimulants/regulators	1.26%
Amount by volume fungal mycorrhizae and plant beneficial bacteria	<1%
<input type="checkbox"/> <b>Laboratory Analysis</b>	
Total Organic Matter Content	>95%
Carbon: Nitrogen Ratio	31:1
Moisture Content	44.5% ± 5%
pH (Saturated Media Extract Method)	5.5
<input type="checkbox"/> <b>Physical</b>	
Packaging / Weight	50 lbs Bags (23 kg) Bag Size: 2.2 ft <sup>3</sup> (0.062 m <sup>3</sup> ) 36 Bags per Pallet

- The properties reported above are effective 01-01-19 and are subject to change without notice.

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