



# Biotic Earth™

AN ORGANIC APPROACH TO SOIL BUILDING

## Biotic Earth™ Green BSA

**Biotic Soil Amendment &  
Hydraulic Growth Medium**

### Specification Sheet

The Verdyol **Biotic Earth™ Green BSA** shall be an hydraulically applied mulch and growth medium that includes a high concentration organic matter for soil building and vegetation establishment. The **Biotic Earth™ Green BSA** shall be specifically designed to assist in building an effective plant growth medium over poor topsoil or even subsoil. The **Biotic Earth™ Green BSA** shall be 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.

The **Biotic Earth™ Green BSA** shall be manufactured from thermally and mechanically processed straw and flexible flax fibers with sphagnum peat moss and may be mixed with other proprietary plant growth materials and erosion control additives. The Verdyol **Biotic Earth™ Green BSA** comes packaged in white bags.

The Verdyol **Biotic Earth™ Green BSA** may be considered a Hydraulic Mulch (HM) as defined by the Erosion Control Technology Council. The Verdyol **Biotic Earth™ Green BSA** may be considered a Stabilized Mulch Matrix (SMM) when used in conjunction with **Ver Tac Scientific** Soil Stabilizer & Tackifier.

### Material Composition

50% by volume of thermally and mechanically processed straw and flexible flax fibers (FFF)

50% by volume of professional grade sphagnum peat moss

### Laboratory Analysis

Total Organic Matter Content = >95%

Carbon:Nitrogen Ratio = 34:1 ±

Moisture Content = 38.5% ± 5%

pH = 7.02 (Saturated Media Extract Method)

These values are representative of Quality Control Analysis at time of manufacturing.

This data is for information purposes only and cannot be used as a warranty.

### Packaging & Weights

Bags = 50 lbs (23 kg) +/- 10%

Bag size = 2.2 ft<sup>3</sup> (0.062 m<sup>3</sup>)

42 bags per pallet

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