The Verdyol Biotic Earth™ Black HGM shall be 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 HGM shall be specifically designed to assist in building an effective plant growth medium over poor topsoil or even subsoil. The Biotic Earth™ Black HGM 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™ Black HGM shall be manufactured from thermally and mechanically processed straw and flexible flax fibers with sphagnum peat moss and other proprietary plant growth materials and erosion control additives. The Verdyol Biotic Earth™ Black HGM comes packaged in white bags.

The Verdyol Biotic Earth™ Black HGM may be considered a Hydraulic Mulch (HM) as defined by the Erosion Control Technology Council. The Verdyol Biotic Earth™ Black HGM may be considered a Stabilized Mulch Matrix (SMM) when used in conjunction with EarthBound® 2000 and EarthBound® Scientific Soil Stabilizer & Tackifier.

Material Composition
40% by volume of thermally and mechanically processed straw and flexible flax fibers (FFF)
57% by volume of professional grade sphagnum peat moss
1.26% 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% by volume fungal mycorrhizae and plant beneficial bacteria

Laboratory Analysis
Total Organic Matter Content = >95%
Carbon:Nitrogen Ratio = 31:1
Moisture Content = 44.5% ± 5%
pH = 5.5 (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 ft³ (0.062 m³)
36 bags per pallet
EarthBound® is a registered trademark of Terra Novo, Inc.