



VERDYOL

PLANT RESEARCH

THE BIOTIC FAMILY



 **VERDYOL**
Biotic Earth™ BFM



 **VERDYOL**
Biotic Earth™ Black



 **VERDYOL**
Biotic Earth™ HGM

Atlantic Canada Distributor



www.maritimehydroseed.com
506.672.1600
info@maritimehydroseed.com



Hydraulic Line of Products



Tough slopes, poor soils? Biotic Earth BFM takes immediate erosion control to the highest performance level with the added benefit of superior vegetation establishment. All of this achieved through the combination of a straw/flexible flax fiber based mulch with the added performance enhancement of Canadian Sphagnum peat moss and other proprietary plant growth materials bonded with a premixed cross linking EarthBound® Pro Soil Stabilizer and Tackifier.



Through a scientifically balanced combination of mycorrhizae infused Canadian Sphagnum peat moss enriched with Tricontonal Growth Stimulants, soil conditioners and micro nutrients you get the best possible soil conditioners in the Biotic Earth™ Black. Used in areas where the soil lacks organics and is generally of poor health, Biotic Earth™ Black improves moisture holding and infiltration, provides optimum seed germination, feeds the vegetation long term and kick starts the natural vegetation community which will prevent erosion long term. All this while providing exceptional immediate erosion control.



Master gardeners have used peat moss for years as an effective seed germination and growth medium. Now hydroseeders can increase their erosion control performance and growing success through the addition of peat to the Biotic Earth HGM. A perfectly balanced organic enhancement of job site soils that are less than optimum! When peat is combined in the Biotic Earth™ with flexible flax fibers and straw of the HydroGold product, your erosion control and plant establish success is even further compounded.

Introduction to the Biotic Family

After construction, soil left for revegetation is often severely degraded and lacks many of the essential organics, nutrients and microbial properties to establish, grow and sustain effective mature vegetation that can withstand the forces of erosion. The Biotic Earth™ line of products are a series of erosion control mulches combined with specially blended soil amendments of Canadian peat moss, micro nutrients and active Endomycorrhizae inoculants that will help soil come alive and allow vegetation to thrive even on severely degraded or poor subsoils.

Why consider the Verdyol Plant Research's hydraulic line of products



Make poor soils grow!

- The combination of organics (peat moss) to HydroGold product adds the much needed organics to the mineral subsoil that is being amended, giving you the base for which topsoil improves and vegetation grows.
- Through the addition of various materials, the subsoils will start to exhibit better aeration, reduced compaction, improved nutrient storage and transfer, improved soil solution management and other essential traits for vegetation establishment and growth.
- Reduces soil crusting for improved water infiltration and plant establishment.

Make good soils great!

- Improved erosion control so the good soil doesn't wash away.
- Improved rates of seed germination and plant establishment will further improve the soil's physical and chemical characteristics.
- Increased infiltration and soil permeability means reduced runoff.
- Addition of numerous trace minerals, sugars, starches, proteins and amino acids further improving the soil's tilth.

Which Biotic is best for you?

Best For Soil Ammending/Vegetation Establishment



Best For Erosion Control Performance



How do they compare?

Product	Straw FFF/Peat mix	Mycorrhizae	Growth Stimulant	FFF	Glue-Bonded
HydroGold	100 Straw & FFF	No	No	Yes	Tack required
HGM	70/30	No	No	Yes	Tack required
Black	40/60	Yes	Yes	Yes	Tack required
BFM	70/30	Yes	Yes	Yes	Yes

30 years of scientific research bring the following benefits to Verdyol customers:

- Higher performance erosion control.
- Improved soil tilth.
- Vegetation boosters for superior seed germination and plant growth.
- Cost-effective prices.
- An all natural, 100% environmentally friendly growth media.
- Easily applied hydraulic system.
- Providing highly effective erosion control technology.
- More in your tank means less production time required to refill.