

Product Evaluation

RE: Review of ProGanics™ Biotic Soil Media™ (BSM™)

PRODUCT

ProGanics™ Biotic Soil Media™ (BSM™) is manufactured and supplied by Profile Products LLC, Buffalo Grove, IL.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

ProGanics™ Biotic Soil Media™ (BSM™) is designed as an alternative to topsoil to accelerate development of depleted soils/substrates with low organic matter, low nutrient levels and limited biological activity. This Engineered Soil Media helps unleash soils to their fullest potential for vegetative establishment and more effective erosion control. ProGanics is non-toxic with bark and wood fibers that have been phyto-sanitized to eliminate potential weed seeds and pathogens - prior to the introduction of soil building components. Product web link: <http://www.profileevs.com/>

DESCRIPTION:

ProGanics BSM™ is an alternative to the top soil and its application rate depends upon the content of organic matter on the soil surface where it is to be applied. ProGanics BSM™, seeds, fertilizers and other prescriptive agronomic formulations are mixed with water in hydraulic seeding / mulching equipment and applied over the prepared surface and then the surface is typically covered with mulches or rolled erosion control products.

POTENTIAL USAGE:

ProGanics BSM™ can be used for rapid establishment of vegetation on the surface with low organic contents (<3%). It can be the replacement of compost, peat, manure and other sources of organic materials. It is suitable for the location where there is difficulty in obtaining quality top soils.

STANDARDS:

Application and mixing Guide; ASTM D7322 Vegetation Establishment; Ecotoxicity EPA 2021.0

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has used this product in a trial site.

APPLICATION STANDARDS:

Alberta Transportation has standard specifications for seeding and fertilizing.

RECOMMENDATIONS:

ProGanics™ Biotic Soil Media™ be listed as a Proven Product under Alberta Transportation Products List, Seeding – Soil Amendment – Proprietary, based on the information provided.

TRIAL PROJECTS

Anthony Henday Drive East –
GPS Locations 53.523478,-113.345557 and 53.570372,-113.350725