Technical Data Sheet

GreenScience™ GROWING MEDIA

Premium Topsoil

Key Benefits

- Mechanically proportioned and blended for accurate and homogeneous results
- Consistent texture and free of deleterious material
- Registered with the Virginia Department of Agriculture and Consumer Services (VDACS) as a horticultural growing medium
- Consistently sourced from 400 acre, Virginia-based farm
- Nutrient rich
- Utilizes Recycled content
- High in organic matter

Applications

- Works well in vegetable gardens, flower beds and to help establish ground cover in yards
- Yard renovation and new home construction topsoil (6″ depth recommended)
- Native-based rootzone for athletic field construction and landscape sodding and seeding

Typical Analysis

Sand	60-70%	Est. Nitrogen Release (ENR)	70-90 lbs/A
Silt	20-30%	Sodium (Na)	80-120 ppm
Clay	7-13%	Sulfer (SO4-S) (S)	60-140 ppm
USDA Classification	Sandy Loam	Zinc (Zn)	6-10 ppm
Organic Matter (OM)	4-6%	Mangenese (Mn)	70-200 ppm
pH	7.0-7.5	Iron (Fe)	240-400 ppm
Phosphorus (P)	35-55 ppm	Copper (Cu)	1.3-2.4 ppm
Potassium (K)	200-450 ppm	Boron (B)	0.6-1.0 ppm
Magnesium (Mg)	90-150 ppm		
Calcium (Ca)	1100-1800 ppm		
Soluble Salts	0.4-0.7 ms/cm		
Cation Exchange Capacity	8-12 meq/100g		

Composition	Native Soil Materials, Mineral Amendment, Organic Compost
Bulk Density *prior to full compaction*	1.3 tons/yd^3 (approximate) *assumes moderate compaction and average moisture*
Maximum Particle Size	12.7 mm

LUCK ECOSYSTEMS™ A LUCK STONE BUSINESS

These products are mixes of natural materials, so results may vary.
For more information on Luck Ecosystems, please visit:
www.luckecosystems.com