



TECHNICAL DATA SHEET

FiltRow™ Concentrate

- HIGH INFILTRATION RATE
- IDEAL ORGANIC MATTER CONTENT
- MODERATE pH
- SILTY CLAY LOAM
- NUTRIENT RICH
- PERFECT FOR SITE MIXING

GENERAL INFORMATION

Composition	Proprietary BioFiltration Concentrate of Soil, Nutritional Component, and Aggregate Component
Bulk Density	0.70 g/cm ³
Textural Classification	Silty Clay Loam
Organic Matter	15.43 percent
pH	6.8-7.1
Hydraulic Conductivity	2.92 cm/hr

TYPICAL ANALYSIS

Sand (2mm – 0.75mm)	2.5%
Silt (0.74mm – 0.005mm)	66.0%
Clay (<0.005mm)	31.5%
USDA Textural Classification	Silty Clay Loam
Organic Matter	15.43%
Moisture Content	57.36%
Foreign Matter Content	<0.01%
pH	6.8
Potassium (K)	240 ppm
Magnesium (Mg)	230 ppm
Calcium (Ca)	2750 ppm
Sodium (Na)	18 ppm
Cation Exchange Capacity (CEC)	16.9 meq/100g
Soluble Salts Content	0.2 mmhos/cm or 128 ppm



APPLICATION

For use in site mixing for bioretention basins and areas where storm water runoff must be contained and/or filtered prior to being discharged. This Silty Clay Loam mixture has been meticulously designed to have the ideal balance of a speedy infiltration rate and a perfect percolation rate when sand is added to meet site requirements. This concentrated mix allows the engineer, architect or contractor the ability to specifically blend a soil to meet the needs of a specific site.