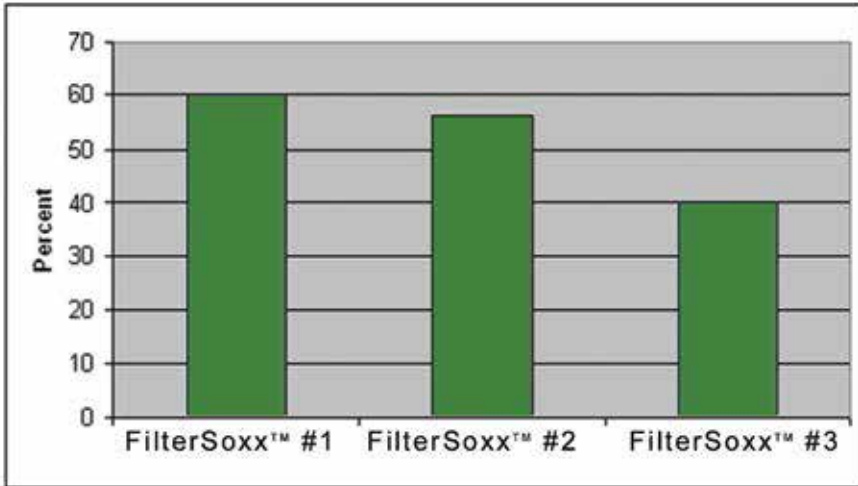
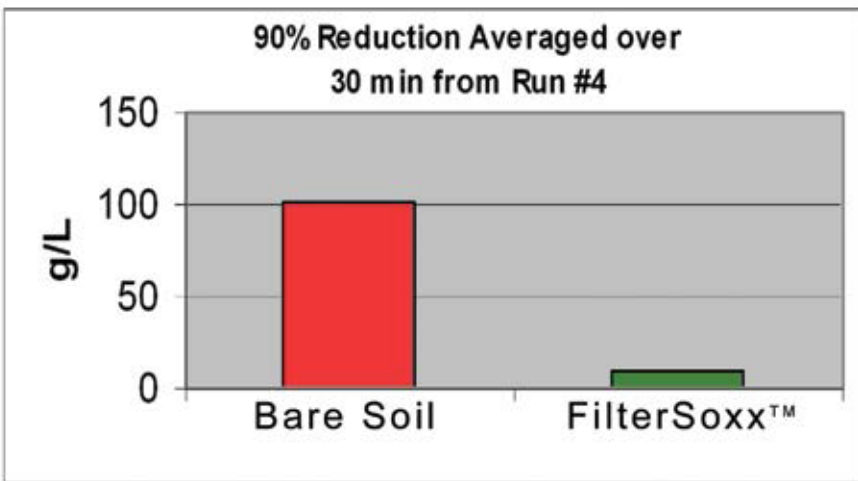


Research results based on three replicates per treatment on a 5:1 slope, pre-wet compacted silty loam soil, 3.1 in/hr simulated rainfall intensity for 30 min., with average runoff sediment concentrations of 100,000 mg L-1. Research conducted at the US Department of Agriculture - Agricultural Research Service, Environmental Quality Lab, Beltsville, MD.

Note: ASTM 5141 - Standard Test Method for Determining Filtering Efficiency and Flow Rate of a Geotextile for Silt Fence Application Using Site Specific Soil uses a 12:1 slope, a 12 in silt fence, and simulated runoff sediment concentration of 2890 mg L-1.



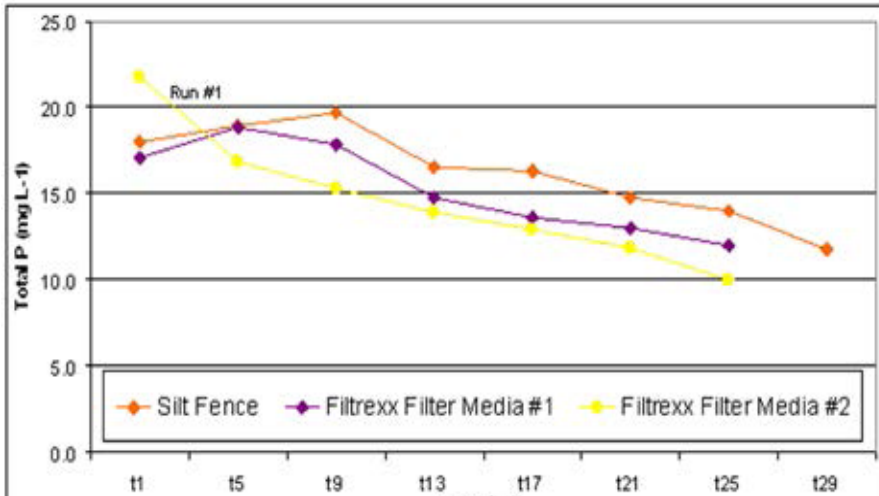
1) 50% Greater Flow Through Rate:
 8 in FilterSoxx[™] vs 24 in silt fence



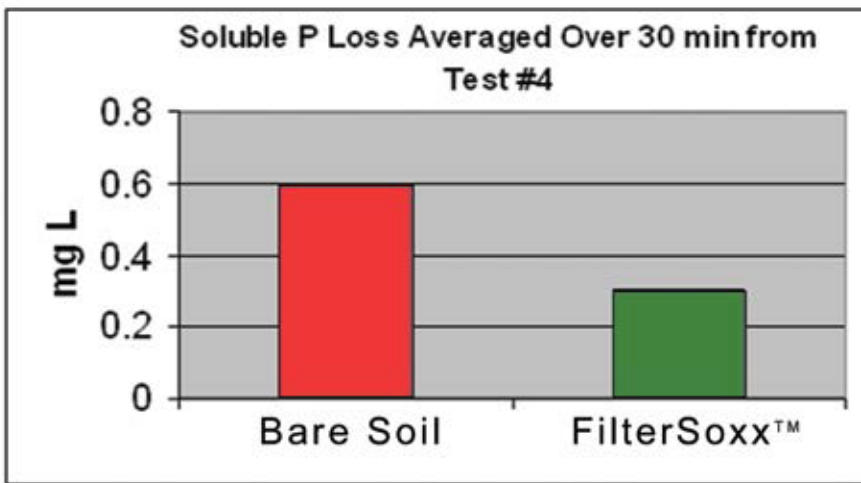
2) 90% Reduction of Total Solids

Treatment	TSS	Turbidity
Silt Fence	67	52
FilterSoxx [™]	78	63
FilterSoxx [™] & PAM 12	91	79
FilterSoxx [™] & SiltStop	97	98
FilterSoxx [™] & BioFloxx [™]	97	94

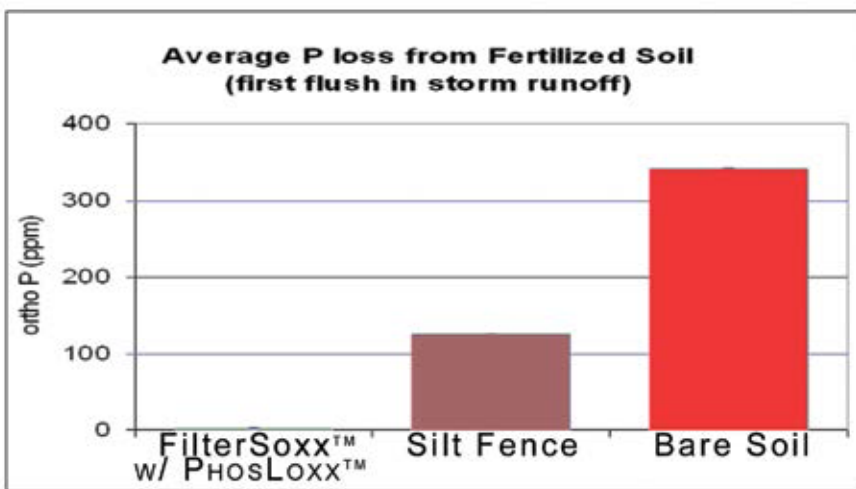
3) Percent Reduction of TSS (mg L-1) & Turbidity (NTU) of silt fence, FilterSoxx[™], FilterSoxx[™] + Flocculent agent



4) Total Phosphorus from FilterSoxx™ vs silt fence



5) Soluble P from FilterSoxx™ 50% less than untreated soil



6) 99% Soluble P Reduction in Stormwater w/ FilterSoxx™ + Nutrient agent. NPK 25-27-5 fertilizer applied at 150 lbs/ac equivalent

MKB Stormwater Innovation

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