Cornell Soil Health Assessment

Fay Benson
546 Cobb
Groton, NY

Agricultural Service Provider:
None

Sample ID: Mm_753
Field/Treatment: Zufall Past
Tillage:
Crops Crown: PIT, PIT
Date Sampled: 4/26/2015
Given Soil Type: No Soil Type Given
Given Soil Texture: No Soil Texture Given
Coordinates: 44.7857; -75.2458

Measured Soil Textural Class: Loam **Sand: 49%** **Silt: 39%** **Clay: 12%**

Test Results

	Indicator	Value	Rating	Constraint
Physical	Available Water Capacity	0.26	98	
Physical	Surface Hardness	300	7	Rooting, Water Transmission
Physical	Subsurface Hardness	375	19	Subsurface Pan/Deep Compaction, Deep Rooting, Water and Nutrient Access
Physical	Aggregate Stability	16.2	16	Aeration, Infiltration, Rooting, Crusting, Sealing, Erosion, Runoff
Biological	Organic Matter	3.3	43	
Biological	ACE Soil Protein Index	6.6	49	
Biological	Respiration	0.66	59	
Biological	Active Carbon	758	86	
Chemical	pH	6.3	100	
Chemical	Phosphorus	4.2	100	
Chemical	Potassium	52.2	77	
Chemical	Minor Elements Mg: 406 Fe: 4.2 Mn: 12.5 Zn: 0.4		100	

Overall Quality Score 63 Medium