

Soil Report

Job Name Earth Care Farm

Date 8/19/2020

Company Earth Care Farm

Submitted By _____

Sample Location	Screened	Compost			
Sample ID					
Lab Number	10				
Sample Depth in inches	6				
Total Exchange Capacity (M. E.)	38.00				
pH of Soil Sample	7.3				
Organic Matter, Percent	9.16				
ANIONS	SULFUR: p.p.m.	53			
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	1856			
EXCHANGEABLE CATIONS	CALCIUM: Desired Value lbs / acre Value Found Deficit	11774			
	MAGNESIUM: Desired Value lbs / acre Value Found Deficit	573			
	POTASSIUM: Desired Value lbs / acre Value Found Deficit	977			
	SODIUM: lbs / acre	1547			
BASE SATURATION %	Calcium (60 to 70%)	77.47			
	Magnesium (10 to 20%)	6.28			
	Potassium (2 to 5%)	3.30			
	Sodium (.5 to 3%)	8.85			
	Other Bases (Variable)	4.10			
	Exchangeable Hydrogen (10 to 15%)	0.00			
TRACE ELEMENTS	Boron (p.p.m.)	1.23			
	Iron (p.p.m.)	206			
	Manganese (p.p.m.)	29			
	Copper (p.p.m.)	1.21			
	Zinc (p.p.m.)	19.06			
	Aluminum (p.p.m.)	108			
OTHER	Cobalt ppm	0.043			
	Molybdenum ppm	< 0.02			
	Ammonium (p.p.m.)	19.9			
	Nitrate (p.p.m.)	318.9			
	Selenium ppm	0.1			
	Silicon ppm	1			
	Estimated Nitrogen Release #N/Acre	121			
	EC mmhos/cm	3.22			
	Media Density g/cm ³	0.59			