

Soil Report

Job Name Earth Care Farm Date 4/15/2020
 Company Earth Care Farm Submitted By _____

Sample Location		Raised			
Sample ID		Bed Mix			
Lab Number		20			
Sample Depth in inches		6			
Total Exchange Capacity (M. E.)		35.16			
pH of Soil Sample		7.4			
Organic Matter, Percent		13.46			
ANIONS	SULFUR: p.p.m.	58			
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	1040			
EXCHANGEABLE CATIONS	CALCIUM: Desired Value lbs / acre	9564			
	Value Found	11805			
	Deficit				
	MAGNESIUM: Desired Value lbs / acre	1012			
Value Found	460				
Deficit	-552				
POTASSIUM: Desired Value lbs / acre	1097				
Value Found	748				
Deficit	-349				
SODIUM: lbs / acre	630				
BASE SATURATION %	Calcium (60 to 70%)	83.93			
	Magnesium (10 to 20%)	5.45			
	Potassium (2 to 5%)	2.73			
	Sodium (.5 to 3%)	3.90			
	Other Bases (Variable)	4.00			
	Exchangeable Hydrogen (10 to 15%)	0.00			
TRACE ELEMENTS	Boron (p.p.m.)	0.76			
	Iron (p.p.m.)	233			
	Manganese (p.p.m.)	22			
	Copper (p.p.m.)	1.05			
	Zinc (p.p.m.)	8.26			
	Aluminum (p.p.m.)	61			
OTHER	Cobalt ppm	0.09			
	Molybdenum ppm	0.29			
	Ammonium (p.p.m.)	0.9			
	Nitrate (p.p.m.)	243.6			
	Selenium ppm	0.56			
	Silicon ppm	3.1			
	Estimated Nitrogen Release #N	127			
	EC mmhos/cm	1.14			
	Media Density g/cm3	0.63			