

Soil Report

Job Name **Earth Care Farm**

Date **6/17/2021**

Company **Earth Care Farm**

Submitted By _____

Sample Location		Rona			
Sample ID					
Lab Number		14			
Sample Depth in inches		6			
Total Exchange Capacity (M. E.)		42.63			
pH of Soil Sample		7.4			
Organic Matter, Percent		15.74			
ANIONS	SULFUR: p.p.m.	48			
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	832			
EXCHANGEABLE CATIONS	CALCIUM: Desired Value lbs / acre Value Found Deficit	14406			
	MAGNESIUM: Desired Value lbs / acre Value Found Deficit	297			
	POTASSIUM: Desired Value lbs / acre Value Found Deficit	878			
	SODIUM: lbs / acre	1172			
BASE SATURATION %	Calcium (60 to 70%)	84.48			
	Magnesium (10 to 20%)	2.90			
	Potassium (2 to 5%)	2.64			
	Sodium (.5 to 3%)	5.98			
	Other Bases (Variable)	4.00			
	Exchangeable Hydrogen (10 to 15%)	0.00			
TRACE ELEMENTS	Boron (p.p.m.)	0.85			
	Iron (p.p.m.)	126			
	Manganese (p.p.m.)	11			
	Copper (p.p.m.)	1.18			
	Zinc (p.p.m.)	8.26			
	Aluminum (p.p.m.)	35			
OTHER	Cobalt ppm	0.041			
	Molybdenum ppm	< 0.02			
	Ammonium (p.p.m.)	0.6			
	Nitrate (p.p.m.)	184.9			
	Selenium ppm	0.18			
	Silicon ppm	2.2			
	Estimated Nitrogen Release #N/Acre	128			
	EC mmhos/cm	2.59			
	Media Density g/cm3	0.84			