

Soil Report

Job Name **Chris Kearns**

Date **7/21/2023**

Company **Chris Kearns**

Submitted By

Sample Location	Field #1			
Sample ID				
Lab Number	86			
Sample Depth in inches	6			
Total Exchange Capacity (M. E.)	12.34			
pH of Soil Sample	7.6			
Organic Matter, Percent	3.41			
ANIONS	SULFUR: p.p.m.	13		
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	507		
EXCHANGEABLE CATIONS	CALCIUM: Desired Value lbs / acre Value Found Deficit	3356 3213 -143		
	MAGNESIUM: Desired Value lbs / acre Value Found Deficit	355 727		
	POTASSIUM: Desired Value lbs / acre Value Found Deficit	384 577		
	SODIUM: lbs / acre	31		
BASE SATURATION %	Calcium (60 to 70%)	65.10		
	Magnesium (10 to 20%)	24.55		
	Potassium (2 to 5%)	6.00		
	Sodium (.5 to 3%)	0.54		
	Other Bases (Variable)	3.80		
	Exchangable Hydrogen (10 to 15%)	0.00		
TRACE ELEMENTS	Boron (p.p.m.)	0.63		
	Iron (p.p.m.)	104		
	Manganese (p.p.m.)	62		
	Copper (p.p.m.)	1.65		
	Zinc (p.p.m.)	5.03		
	Aluminum (p.p.m.)	400		
OTHER	Cobalt ppm	0.497		
	Molybdenum ppm	< 0.02		
	Ammonium (p.p.m.)	0.2		
	Nitrate (p.p.m.)	28.4		
	Selenium ppm	0.27		
	Silicon ppm	37.2		
	Estimated Nitrogen Release #N/Acre	84		
	EC mmhos/cm	0.15		