

Soil Report

Job Name: **Dakota Moore**

Date: 2/7/2022

Company: **Dakota Moore**

Submitted By:

Sample Location		Eleanor				
Sample ID		Moore Lane				
Lab Number		171				
Sample Depth in inches		8				
Total Exchange Capacity (M. E.)		4.11				
pH of Soil Sample		6.2				
Organic Matter, Percent		1.76				
ANIONS	SULFUR:	p.p.m.	12			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	1154			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value lbs / acre Value Found Deficit	1489 1258 -231			
	MAGNESIUM:	Desired Value lbs / acre Value Found Deficit	200 227			
	POTASSIUM:	Desired Value lbs / acre Value Found Deficit	200 239			
	SODIUM:	lbs / acre	63			
	Calcium (60 to 70%)		57.44			
	Magnesium (10 to 20%)		17.27			
	Potassium (2 to 5%)		5.60			
BASE SATURATION %	Sodium (.5 to 3%)		2.49			
	Other Bases (Variable)		5.20			
	Exchangable Hydrogen (10 to 15%)		12.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.37			
	Iron (p.p.m.)		249			
	Manganese (p.p.m.)		4			
	Copper (p.p.m.)		3.01			
	Zinc (p.p.m.)		4.95			
	Aluminum (p.p.m.)		912			
OTHER						

Logan Labs, LLC

Soil Report

Job Name: **Dakota Moore**

Date: 2/7/2022

Company: **Dakota Moore**

Submitted By:

Sample Location		Mooretown				
Sample ID		Lane				
Lab Number		172				
Sample Depth in inches		8				
Total Exchange Capacity (M. E.)		1.68				
pH of Soil Sample		6.2				
Organic Matter, Percent		1.36				
ANIONS	SULFUR:	p.p.m.	9			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	686			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value	610			
		Value Found	551			
		Deficit	-59			
	MAGNESIUM:	Desired Value	200			
		Value Found	66			
		Deficit	-134			
	POTASSIUM:	Desired Value	200			
		Value Found	90			
		Deficit	-110			
	SODIUM:	lbs / acre	41			
BASE SATURATION %	Calcium (60 to 70%)		61.34			
	Magnesium (10 to 20%)		12.25			
	Potassium (2 to 5%)		5.14			
	Sodium (.5 to 3%)		3.98			
	Other Bases (Variable)		5.20			
	Exchangable Hydrogen (10 to 15%)		12.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.37			
	Iron (p.p.m.)		272			
	Manganese (p.p.m.)		3			
	Copper (p.p.m.)		1.03			
	Zinc (p.p.m.)		3.07			
	Aluminum (p.p.m.)		541			
OTHER						

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