

Soil Report

Job Name

Date 2/24/2014

Company

Submitted By

Sample Location			1				
Sample ID							
Lab Number			29				
Sample Depth in inches			6				
Total Exchange Capacity (M. E.)			36.45				
pH of Soil Sample			6.9				
Organic Matter, Percent			5.95				
ANIONS	SULFUR:	p.p.m.	2122				
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	1077				
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value	9913				
	lbs / acre	Value Found	10690				
		Deficit					
	MAGNESIUM:	Desired Value	1049				
	lbs / acre	Value Found	624				
		Deficit	-425				
	POTASSIUM:	Desired Value	1137				
BASE SATURATION %	lbs / acre	Value Found	2894				
		Deficit					
	SODIUM:	lbs / acre	563				
	Calcium (60 to 70%)		73.33				
	Magnesium (10 to 20%)		7.13				
	Potassium (2 to 5%)		10.18				
	Sodium (.5 to 3%)		3.36				
TRACE ELEMENTS	Other Bases (Variable)		4.50				
	Exchangable Hydrogen (10 to 15%)		1.50				
	Boron (p.p.m.)		0.77				
	Iron (p.p.m.)		147				
	Manganese (p.p.m.)		42				
	Copper (p.p.m.)		3.29				
	Zinc (p.p.m.)		14.29				
OTHER	Aluminum (p.p.m.)		63				

Logan Labs, LLC