Soil Report

Job Name: **Bowen Rees** Date: 1/25/2018

Company: Bowen Rees Submitted By:

Sample Location			West	East	East		
Sample ID				Top	Sub		
Lab Number			83	84	85		
Sample Depth in inches			6	6	6		
Total Exchange Capacity (M. E.)			8.44	24.09	13.65		
pH of Soil Sample			4.7	5.0	5.6		
Organic Matter, Percent			4.33	11.19	1.84		
ANIONS	**SULFUR:**	p.p.m.	7	63	64		
	Mehlich III Phosphorous:	as (P_2O_5) lbs / acre	26	27	23		
EXCHANGEABLE CATIONS	**CALCIUM:** lbs / acre	Desired Value	2296	6552	3713		
		Value Found	865	1126	975		
		Deficit	-1431	-5426	-2738		
	MAGNESIUM: lbs / acre	Desired Value	243	693	393		
		Value Found	248	1258	1062		
		Deficit					
	POTASSIUM: lbs / acre	Desired Value	263	751	426		
		Value Found	104	437	265		
		Deficit	-159	-314	-161		
	SODIUM:	lbs / acre	61	1311	882		
BASE SATURATION %	Calcium (60 to 70%)		25.61	11.68	17.85		
	Magnesium (10 to 20%)		12.24	21.76	32.41		
	Potassium (2 to 5%)		1.58	2.33	2.49		
	Sodium (.5 to 3%)		1.58	11.83	14.04		
	Other Bases (Variable)		8.00	7.40	6.20		
	Exchangable Hydrogen (10 to 15%)		51.00	45.00	27.00		
TRACE ELEMENTS	Boron (p.p.m.)		0.44	0.68	0.46		
	Iron (p.p.m.)		206	385	261		
	Manganese (p.p.m.)		7	3	1		
	Copper (p.p.m.)		0.27	0.26	0.33		
	Zinc (p.p.m.)		3.84	3.82	< 0.5		
	Aluminum (p.p.m.)		181	772	530		
OTHER							

Logan Labs, LLC