Soil Report

Job Name **Sample Job** Date 1/1/2007

Submitted By Logan Labs Sales Person

Sample Location			Field	Field	Field	Field	Field
Sample ID			# 1	# 2	# 3	# 4	# 5
Lab Number			46	47	48	49	50
Sample Depth in inches			6	6	6	6	6
Total Exchange Capacity (M. E.)			11.85	13.93	12.39	12.77	13.87
pH of Soil Sample			6.60	7.00	6.90	6.80	6.80
Organic Matter, Percent			2.16	1.94	2.23	2.27	2.25
ANIONS	**SULFUR:**	p.p.m.	12	13	8	8	12
	Mehlich III Phosphorous:	as (P_2O_5) lbs / acre	74	95	55	67	69
EXCHANGEABLE CATIONS	**CALCIUM:** lbs / acre	Desired Value	3223	3787	3369	3472	3773
		Value Found	3170	3858	3392	3398	3842
		Deficit	-53			-74	
	MAGNESIUM: lbs / acre	Desired Value	341	401	356	367	399
		Value Found	547	796	688	716	685
		Deficit					
	POTASSIUM: lbs / acre	Desired Value	369	434	386	398	432
		Value Found	180	185	145	153	178
		Deficit	-189	-249	-241	-245	-254
	SODIUM:	lbs / acre	63	52	51	56	61
BASE SATURATION %	Calcium (60 to 70%)		66.88	69.26	68.45	66.54	69.24
	Magnesium (10 to 20%)		19.23	23.82	23.14	23.37	20.58
	Potassium (2 to 5%)		1.95	1.70	1.50	1.54	1.65
	Sodium (.5 to 3%)		1.16	0.81	0.90	0.96	0.95
	Other Bases (Variable)		4.80	4.40	4.50	4.60	4.60
	Exchangable Hydrogen (10 to 15%)		6.00	0.00	1.50	3.00	3.00
TRACE ELEMENTS	Boron (p.p.m.)		0.69	0.69	0.65	0.72	0.73
	Iron (p.p.m.)		131	152	135	147	166
	Manganese (p.p.m.)		122	141	156	142	127
	Copper (p.p.m.)		1.46	1.89	1.67	2.41	2.03
	Zinc (p.p.m.)		1.06	1.41	1.06	2.69	1.97
	Aluminum (p.p.m.)		713	665	667	650	685
OTHER							

Logan Labs, LLC