

# A & L GREAT LAKES LABORATORIES, INC.

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## Great Lakes Region 2010 SOIL TEST DATA SUMMARY

Soil Test	Soil Test Result				Percent of Samples by Soil Test Rating				
	Average	Minimum	Maximum	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter, %	3.5	0.1	81.7	4.6	1.6	39.7	49.0	6.3	3.4
Phosphorus (P1), ppm	46	1	9130	54	5.1	18.6	20.0	27.2	29.1
Phosphorus (P2), ppm	73	1	2767	83	3.8	16.1	18.5	29.5	32.1
Bicarbonate P, ppm	36	1	448	47	9.7	21.6	16.5	30.2	21.9
Potassium (K), ppm	144	5	5582	72					
Potassium (K), % Base Sat.	3.8	0.1	38.6	2.1	0.6	8.0	51.9	28.9	10.7
Magnesium (Mg), ppm	284	5	5185	179					
Magnesium (Mg), % Base Sat.	20.7	0.5	55.3	7.2	0.5	5.1	17.1	50.8	26.5
Calcium (Ca), ppm	1391	50	39900	924					
Calcium (Ca), % Base Sat.	61.1	1.4	99.1	11.9	8.1	22.9	56.3	10.5	2.2
pH	6.5	2.2	12.0	0.7	1.3	15.7	60.8	15.8	6.4
CEC, meq/100g	11.2	0.4	99.9	5.8	1.4	29.7	49.2	17.6	2.1
Sulfur (S), ppm	10	1	8259	37.3	0.6	33.8	53.4	8.4	3.7
Zinc (Zn), ppm	3.9	0.9	610.9	5.3		51.0	31.3	14.6	3.1
Manganese (Mn), ppm	36	1	176	17	3.1	9.9	15.7	53.8	17.4
Iron (Fe), ppm	39	1	645	24		0.8	1.9	74.8	22.5
Copper (Cu), ppm	1.7	0.3	38.9	1.5		0.5	43.9	46.4	9.2
Boron (B), ppm	0.5	0.2	115.0	0.8	44.2	23.6	28.2	3.7	0.3