

# A & L GREAT LAKES LABORATORIES, INC.

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## Great Lakes Region 2008 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	99.2	4.6	1.4	37.8	50.6	6.7	3.5
Phosphorus (P1), ppm	45	1	3385	47	4.4	18.4	20.4	27.9	28.9
Phosphorus (P2), ppm	80	2	2040	75	3.7	13.3	16.8	27.7	38.6
Bicarbonate P, ppm	34	2	181	28	1.5	31.1	16.2	25.6	25.6
Potassium (K), ppm	149	1	3607	73					
Potassium (K), % Base Sat.	4.1	0.1	45.9	2.2	0.4	6.1	49.9	31.3	12.3
Magnesium (Mg), ppm	271	10	2310	164					
Magnesium (Mg), % Base Sat.	20.9	0.5	68.7	7.0	0.3	4.0	16.4	52.7	26.7
Calcium (Ca), ppm	1346	50	34450	908					
Calcium (Ca), % Base Sat.	61.9	2.5	99.3	11.5	6.8	20.0	60.5	10.7	2.0
pH	6.5	2.2	10.3	0.7	1.0	13.1	60.3	18.3	7.3
CEC, meq/100g	10.6	0.4	99.9	5.5	1.3	32.7	50.0	14.5	1.5
Sulfur (S), ppm	12	3	3292	18.7		6.6	60.0	26.8	6.6
Zinc (Zn), ppm	4.0	0.9	1938.0	8.4		42.7	38.3	16.1	2.9
Manganese (Mn), ppm	34	1	268	15	3.1	10.4	16.3	57.4	12.8
Iron (Fe), ppm	39	1	1306	25		0.7	1.3	75.8	22.1
Copper (Cu), ppm	1.6	0.2	32.6	1.4		0.5	45.0	47.0	7.6
Boron (B), ppm	0.5	0.1	74.3	0.5	39.9	26.7	29.3	3.7	0.3