

A & L GREAT LAKES LABORATORIES, INC.

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State of Illinois 2009 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, %	4.1	0.3	97.0	2.1	0.4	15.4	59.1	19.6	5.3
Phosphorus (P1), ppm	41	1	2596	38	3.2	17.2	23.0	32.0	24.4
Phosphorus (P2), ppm	74	6	544	75	3.9	17.0	23.9	30.7	24.6
Bicarbonate P, ppm	41	3	98	21	3.1	6.3	18.9	28.3	43.3
Potassium (K), ppm	184	1	2888	87					
Potassium (K), % Base Sat.	3.5	0.1	27.0	1.9	0.1	3.6	39.9	35.1	21.3
Magnesium (Mg), ppm	460	15	1470	198					
Magnesium (Mg), % Base Sat.	26.2	1.6	47.8	8.0	0.2	3.4	8.9	26.1	61.3
Calcium (Ca), ppm	1799	50	31050	1184					
Calcium (Ca), % Base Sat.	59.3	3.8	97.9	10.3	5.8	28.5	58.4	4.6	2.7
pH	6.6	4.1	8.8	0.6	0.5	9.9	64.0	20.2	5.3
CEC, meq/100g	14.9	1.7	99.9	6.5	0.2	8.3	51.1	36.2	4.2
Sulfur (S), ppm	11	4	1299	31.1		16.3	71.2	8.7	3.8
Zinc (Zn), ppm	5.6	1.4	226.8	8.6		25.0	41.0	25.4	8.6
Manganese (Mn), ppm	48	4	126	18	0.1	0.9	4.2	61.4	33.4
Iron (Fe), ppm	39	1	175	26		0.6	1.1	78.6	19.6
Copper (Cu), ppm	2.2	0.3	99.9	3.3		0.1	25.0	59.1	15.8
Boron (B), ppm	0.8	0.2	5.7	0.6	17.4	26.6	41.5	12.6	1.8