

# A & L GREAT LAKES LABORATORIES, INC.

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## Northern 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, %	4.2	0.3	97.0	2.1	0.5	13.9	59.9	20.2	5.5
Phosphorus (P1), ppm	41	1	2596	38	3.2	17.2	22.8	32.2	24.6
Phosphorus (P2), ppm	53	6	530	51	9.2	28.8	19.2	23.6	19.2
Bicarbonate P, ppm	24	3	98	20	9.5	28.6	28.6	23.8	9.5
Potassium (K), ppm	187	1	2888	86					
Potassium (K), % Base Sat.	3.5	0.1	27.0	1.9	0.1	3.2	38.9	36.0	21.8
Magnesium (Mg), ppm	470	15	1470	192					
Magnesium (Mg), % Base Sat.	26.6	1.6	47.8	7.8	0.2	2.8	7.6	26.0	63.3
Calcium (Ca), ppm	1814	50	31050	1194					
Calcium (Ca), % Base Sat.	58.8	3.8	97.9	9.9	6.0	29.2	58.6	3.9	2.3
pH	6.6	4.1	8.8	0.6	0.5	9.9	64.2	20.2	5.3
CEC, meq/100g	15.0	1.7	99.9	6.5	0.2	7.1	51.3	37.2	4.3
Sulfur (S), ppm	12	4	1299	33.7		15.0	71.7	9.1	4.1
Zinc (Zn), ppm	6.2	1.5	226.8	9.4		19.9	40.9	28.6	10.6
Manganese (Mn), ppm	45	4	126	16	0.1	1.0	4.6	66.0	28.2
Iron (Fe), ppm	39	1	175	26		0.7	1.3	79.6	18.4
Copper (Cu), ppm	2.1	0.3	99.9	3.5		0.2	26.2	62.9	10.8
Boron (B), ppm	0.8	0.2	5.7	0.6	16.5	28.2	42.3	10.9	2.1