

# A & L GREAT LAKES LABORATORIES, INC.

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## Northeast Wisconsin 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, %	0.6	0.5	0.7	0.1	100.0				
Phosphorus (P1), ppm	29	1	62	25	33.3		33.3		33.3
Phosphorus (P2), ppm	54	7	114	45	33.3		33.3		33.3
Bicarbonate P, ppm	13	2	44	9	22.2	44.4	22.2	11.1	
Potassium (K), ppm	123	12	387	52					
Potassium (K), % Base Sat.	3.7	0.7	8.7	1.9	0.8	14.2	55.0	27.5	2.5
Magnesium (Mg), ppm	397	30	1055	310					
Magnesium (Mg), % Base Sat.	27.7	2.7	43.5	10.7	1.7	4.2	9.2	21.7	63.3
Calcium (Ca), ppm	1221	200	3800	741					
Calcium (Ca), % Base Sat.	58.0	20.0	77.8	9.7	7.5	20.0	70.0	2.5	
pH	6.8	4.3	8.4	0.7	2.1	9.9	31.2	43.5	13.3
CEC, meq/100g	10.4	2.9	27.9	5.8	0.8	48.3	25.0	21.7	4.2
Sulfur (S), ppm	19	5	31	7.4		16.7		5.6	77.8
Zinc (Zn), ppm	3.5	1.3	5.7	1.0		22.2	66.7	11.1	
Manganese (Mn), ppm	31	16	37	6			16.7	83.3	
Iron (Fe), ppm	33	2	56	13		5.6	5.6	83.3	5.6
Copper (Cu), ppm	1.4	0.6	4.0	1.0			55.6	33.3	11.1
Boron (B), ppm	1.0	0.2	2.9	0.7	11.1	27.8	33.3	22.2	5.6