

# A & L GREAT LAKES LABORATORIES, INC.

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## Southeast 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, %	3.6	1.3	11.9	1.8		38.1	43.9	9.4	8.6
Phosphorus (P1), ppm	44	5	417	64	14.4	13.7	23.0	31.7	17.3
Phosphorus (P2), ppm	137	6	529	163	6.9	10.3	13.8	31.0	37.9
Potassium (K), ppm	142	16	831	86					
Potassium (K), % Base Sat.	4.1	0.2	17.5	2.1	0.8	11.7	50.7	23.8	13.0
Magnesium (Mg), ppm	324	20	1080	210					
Magnesium (Mg), % Base Sat.	25.5	4.1	44.5	7.6	0.1	1.6	7.8	39.9	50.6
Calcium (Ca), ppm	1167	100	20050	917					
Calcium (Ca), % Base Sat.	54.0	15.0	94.1	10.7	19.4	35.7	40.5	3.4	1.0
pH	6.4	4.2	8.3	0.7	2.1	18.3	55.6	19.7	4.3
CEC, meq/100g	10.4	1.6	99.9	6.0	2.3	37.2	46.3	12.1	2.1
Sulfur (S), ppm	15	6	364	24.8		2.8	65.1	19.5	12.6
Zinc (Zn), ppm	5.6	1.7	29.1	3.3		14.0	39.5	37.7	8.8
Manganese (Mn), ppm	42	1	69	17	9.8	2.8	2.8	46.0	38.6
Iron (Fe), ppm	42	10	183	28				71.7	28.3
Copper (Cu), ppm	1.7	0.8	4.1	0.7			26.4	67.9	5.7
Boron (B), ppm	0.4	0.2	3.2	0.5	76.7	8.8	5.6	7.9	0.9