

# A & L GREAT LAKES LABORATORIES, INC.

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## Southwest 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	0.2	38.9	2.3	4.2	22.1	60.1	10.1	3.5
Phosphorus (P1), ppm	41	1	870	52	5.8	26.1	22.5	23.6	22.0
Phosphorus (P2), ppm	59	15	221	55		47.6	19.0	4.8	28.6
Bicarbonate P, ppm	23	5	47	9	3.4	22.0	35.6	37.3	1.7
Potassium (K), ppm	151	1	1117	86					
Potassium (K), % Base Sat.	3.4	0.2	23.4	2.0	0.4	9.4	51.3	27.0	11.8
Magnesium (Mg), ppm	467	20	1225	193					
Magnesium (Mg), % Base Sat.	30.8	4.4	44.6	6.8	0.1	1.2	2.3	12.1	84.2
Calcium (Ca), ppm	1432	50	13750	716					
Calcium (Ca), % Base Sat.	55.9	13.4	93.8	8.5	8.3	28.5	62.1	0.8	0.3
pH	6.6	4.0	8.8	0.6	1.0	7.9	63.0	25.2	2.9
CEC, meq/100g	12.5	0.8	73.3	5.0	2.8	10.1	66.1	19.0	2.0
Sulfur (S), ppm	11	4	48	6.5		28.0	53.1	9.3	9.6
Zinc (Zn), ppm	4.6	1.1	20.2	2.8		26.1	44.2	24.6	5.1
Manganese (Mn), ppm	49	1	105	24	9.3	5.8	2.0	31.9	51.0
Iron (Fe), ppm	29	1	116	26		17.3	10.7	57.3	14.7
Copper (Cu), ppm	2.0	0.4	4.9	1.0		4.0	17.3	61.3	17.3
Boron (B), ppm	0.5	0.2	3.4	0.3	30.1	38.1	29.2	2.3	0.3