

# A & L GREAT LAKES LABORATORIES, INC.

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## State of Indiana 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, %	3.5	0.2	84.7	5.6	1.9	47.4	43.7	3.3	3.7
Phosphorus (P1), ppm	44	1	6052	54	7.1	20.7	20.1	25.2	26.9
Phosphorus (P2), ppm	59	2	1446	69	7.7	21.9	21.4	29.8	19.2
Bicarbonate P, ppm	27	8	66	16		21.1	36.8	26.3	15.8
Potassium (K), ppm	138	1	13948	71					
Potassium (K), % Base Sat.	4.0	0.1	60.9	2.2	0.4	7.2	54.7	28.9	8.9
Magnesium (Mg), ppm	240	5	3300	135					
Magnesium (Mg), % Base Sat.	19.8	0.6	49.7	6.0	0.3	4.2	17.9	58.3	19.5
Calcium (Ca), ppm	1294	50	29400	832					
Calcium (Ca), % Base Sat.	62.3	5.4	98.2	10.9	5.9	18.5	64.2	9.8	1.6
pH	6.5	3.1	8.9	0.6	0.8	13.5	65.7	15.9	4.1
CEC, meq/100g	10.2	0.6	99.9	5.2	1.3	36.0	49.5	11.7	1.5
Sulfur (S), ppm	10	3	1263	16.1		22.5	68.2	7.2	2.1
Zinc (Zn), ppm	3.6	1.1	359.6	3.8		54.7	31.7	11.1	2.5
Manganese (Mn), ppm	39	1	178	17	3.3	7.5	10.3	54.5	24.3
Iron (Fe), ppm	41	1	302	28		0.7	1.9	72.0	25.4
Copper (Cu), ppm	1.4	0.3	65.7	1.2		0.5	51.4	44.0	4.1
Boron (B), ppm	0.5	0.2	11.3	0.3	40.9	30.8	25.7	2.4	0.1