

A & L GREAT LAKES LABORATORIES, INC.

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State of Ohio 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	76.3	2.3	0.2	23.4	69.4	5.5	1.5
Phosphorus (P1), ppm	38	1	1857	41	7.1	23.5	23.2	25.6	20.6
Phosphorus (P2), ppm	76	1	1075	63	2.7	10.2	17.0	35.0	35.1
Bicarbonate P, ppm	41	4	82	27	7.1	14.3	21.4	14.3	42.9
Potassium (K), ppm	148	1	1739	62					
Potassium (K), % Base Sat.	3.4	0.1	25.3	1.6	0.2	4.6	53.7	33.3	8.2
Magnesium (Mg), ppm	307	20	1750	138					
Magnesium (Mg), % Base Sat.	21.0	0.6	53.8	6.0	0.2	1.6	13.3	61.2	23.8
Calcium (Ca), ppm	1545	50	29550	856					
Calcium (Ca), % Base Sat.	61.4	5.3	99.3	10.7	6.8	18.3	65.8	7.6	1.4
pH	6.5	3.8	8.4	0.6	1.1	15.7	61.4	16.1	5.7
CEC, meq/100g	12.3	1.5	99.9	4.9	0.3	16.1	58.7	23.6	1.2
Sulfur (S), ppm	11	4	656	13.1		12.1	71.8	12.3	3.9
Zinc (Zn), ppm	3.6	1.1	134.7	3.2		48.9	39.2	9.9	2.0
Manganese (Mn), ppm	29	1	188	14	1.3	17.3	26.8	48.2	6.4
Iron (Fe), ppm	45	1	159	22		0.1	0.5	65.2	34.1
Copper (Cu), ppm	2.4	0.5	19.9	1.3			8.4	69.0	22.5
Boron (B), ppm	0.7	0.2	7.5	0.4	17.1	24.0	52.4	6.2	0.2