

A & L GREAT LAKES LABORATORIES, INC.

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Northwest 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, %	3.4	0.2	76.3	1.9	0.2	22.5	70.5	5.5	1.2
Phosphorus (P1), ppm	36	1	1857	37	6.7	24.0	24.0	26.3	19.0
Phosphorus (P2), ppm	74	1	1075	60	2.1	9.7	17.5	37.1	33.6
Bicarbonate P, ppm	17	4	35	9	14.3	28.6	42.9	14.3	
Potassium (K), ppm	148	1	1739	58					
Potassium (K), % Base Sat.	3.3	0.1	25.3	1.5	0.1	3.6	54.3	34.7	7.2
Magnesium (Mg), ppm	310	20	1750	133					
Magnesium (Mg), % Base Sat.	20.7	0.6	53.8	5.9	0.2	1.5	13.7	62.9	21.7
Calcium (Ca), ppm	1580	50	29550	871					
Calcium (Ca), % Base Sat.	61.4	5.3	99.3	10.7	6.7	18.4	65.8	7.8	1.2
pH	6.4	3.8	8.3	0.6	1.1	15.9	62.9	15.1	4.9
CEC, meq/100g	12.6	1.5	99.9	4.9	0.3	13.8	59.0	25.7	1.2
Sulfur (S), ppm	11	4	656	12.8		11.9	71.8	12.5	3.9
Zinc (Zn), ppm	3.5	1.2	134.7	3.0		49.2	39.7	9.3	1.8
Manganese (Mn), ppm	28	1	100	13	1.3	17.9	27.5	48.0	5.2
Iron (Fe), ppm	45	1	153	22		0.1	0.5	65.5	33.9
Copper (Cu), ppm	2.3	0.5	15.6	1.2			8.2	70.1	21.7
Boron (B), ppm	0.7	0.2	7.5	0.4	16.9	23.9	52.8	6.1	0.2