

# A & L GREAT LAKES LABORATORIES, INC.

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## Northern 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	2.0	0.2	22.3	70.6	5.5	1.3
Phosphorus (P1), ppm	37	1	1857	40	6.9	23.9	23.7	25.8	19.7
Phosphorus (P2), ppm	75	1	1075	62	2.7	10.3	17.1	35.1	34.9
Bicarbonate P, ppm	17	4	35	9	14.3	28.6	42.9	14.3	
Potassium (K), ppm	148	1	1739	61					
Potassium (K), % Base Sat.	3.3	0.1	25.3	1.6	0.2	4.5	53.8	33.9	7.6
Magnesium (Mg), ppm	302	20	1750	133					
Magnesium (Mg), % Base Sat.	20.6	0.6	53.8	5.8	0.2	1.7	14.1	63.1	20.9
Calcium (Ca), ppm	1556	50	29550	877					
Calcium (Ca), % Base Sat.	61.5	5.3	99.3	10.8	6.8	18.2	65.6	8.0	1.5
pH	6.4	3.8	8.4	0.6	1.2	15.9	62.7	15.3	4.9
CEC, meq/100g	12.3	1.5	99.9	5.0	0.3	16.1	58.1	24.3	1.2
Sulfur (S), ppm	11	4	656	13.4		11.8	71.6	12.5	4.0
Zinc (Zn), ppm	3.6	1.2	134.7	3.1		49.0	39.3	9.7	2.0
Manganese (Mn), ppm	29	1	188	14	1.3	17.5	27.1	48.1	6.0
Iron (Fe), ppm	45	1	159	22		0.1	0.5	65.2	34.2
Copper (Cu), ppm	2.4	0.5	19.9	1.3			8.4	69.1	22.5
Boron (B), ppm	0.7	0.2	7.5	0.4	17.0	23.9	52.6	6.2	0.2