

# A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • 260-483-4759 • Fax 260-483-5274  
www.algreatlakes.com • lab@algreatlakes.com



## Great Lakes Region 2011 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	0.1	87.4	4.7	2.2	43.8	45.0	5.6	3.4
Phosphorus (P1), ppm	46	1	2857	49	5.9	18.0	19.5	26.9	29.8
Phosphorus (P2), ppm	77	2	2876	78	4.3	14.8	19.5	24.3	37.0
Bicarbonate P, ppm	33	1	340	37	8.6	21.1	19.4	33.1	17.7
Potassium (K), ppm	140	1	4284	70					
Potassium (K), % Base Sat.	4.0	0.1	50.2	2.2	0.8	9.2	51.9	28.3	9.9
Magnesium (Mg), ppm	268	5	4240	171					
Magnesium (Mg), % Base Sat.	20.8	0.5	75.5	7.1	0.4	4.9	16.5	51.9	26.3
Calcium (Ca), ppm	1342	50	27950	905					
Calcium (Ca), % Base Sat.	62.6	1.5	99.1	12.0	7.0	19.5	58.3	12.6	2.6
pH	6.6	2.8	12.5	0.7	1.0	12.4	60.1	18.6	7.9
CEC, meq/100g	10.6	0.4	99.9	5.7	2.3	34.1	46.4	15.5	1.7
Sulfur (S), ppm	10	2	4519	30.6	0.3	33.9	51.7	10.4	3.7
Zinc (Zn), ppm	3.8	0.7	487.5	4.4		53.8	28.8	14.0	3.4
Manganese (Mn), ppm	36	1	578	16	3.3	8.3	14.4	56.4	17.5
Iron (Fe), ppm	39	1	635	23		0.6	1.3	75.4	22.7
Copper (Cu), ppm	1.6	0.2	73.8	1.4		0.3	43.6	48.5	7.6
Boron (B), ppm	0.4	0.2	10.0	0.4	53.5	22.1	21.4	2.7	0.3