

A & L GREAT LAKES LABORATORIES, INC.

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



State of Illinois 2012 SOIL TEST DATA SUMMARY

Soil Test	Soil Test Result		Percent of Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter, %	4.1	2.0	0.2	14.4	62.5	18.5	4.4
Phosphorus (P1), ppm	43	37	3.0	14.7	20.9	34.4	27.0
Phosphorus (P2), ppm	67	50	3.1	8.4	23.5	34.3	30.6
Potassium (K), ppm	181	86					
Potassium (K), % Base Sat.	3.4	1.8	0.2	4.3	41.1	34.3	20.1
Magnesium (Mg), ppm	448	187					
Magnesium (Mg), % Base Sat.	25.2	7.9	0.4	3.4	9.0	33.0	54.2
Calcium (Ca), ppm	1740	1183					
Calcium (Ca), % Base Sat.	56.0	11.6	14.9	34.9	44.1	3.7	2.5
pH	6.4	0.7	2.7	19.8	58.2	13.7	5.7
CEC, meq/100g	15.2	6.4	0.1	6.9	51.0	37.2	4.9
Sulfur (S), ppm	8	10.8	0.9	53.5	41.0	2.9	1.7
Zinc (Zn), ppm	3.5	5.6		66.5	21.1	9.2	3.2
Manganese (Mn), ppm	40	15	0.8	3.4	12.1	63.9	19.8
Iron (Fe), ppm	35	22		0.8	1.6	80.8	16.8
Copper (Cu), ppm	1.5	1.0			29.8	68.1	2.1
Boron (B), ppm	0.5	0.4	48.4	24.0	23.0	4.0	0.6