



State of Illinois

2015 SOIL TEST DATA SUMMARY

Soil Test	Soil Test Statistics		Percent of Samples by Rating Category				
	Average	Std. Dev.	Very Low (<1.0)	Low (1.0-2.5)	Medium (2.5-5.0)	High (5.0-7.0)	Very High (7.0+)
Organic Matter,%	4.1	2.1	0.2	16.1	61.1	17.9	4.7
Phosphorus (P1), ppm	41	36	3.4	16.4	22.9	33.2	24.1
Phosphorus (P2), ppm	62	43	1.1	10.3	28.1	36.0	24.6
Bicarbonate P, ppm	9	12	36.2	54.3	5.7	2.9	1.0
Potassium (K), ppm	180	84					
K, % Base Saturation	3.6	1.8	1.1	4.2	39.1	36.3	20.2
Magnesium (Mg), ppm	434	190					
Mg, % Base Saturation	25.7	8.3	0.3	4.3	9.5	27.6	58.3
Calcium (Ca), ppm	1702	1095					
Ca, % Base Saturation	58.6	11.0	8.1	31.1	52.8	5.1	2.9
pH (1:1)	6.5	0.6	0.6	11.8	64.6	18.3	4.7
CEC, meq/100g	14.3	6.0	0.1	9.6	54.4	32.6	3.3
Sulfur (S), ppm	8	41.3	3.5	68.5	24.2	2.2	1.7
Zinc (Zn), ppm	3.5	3.3		55.6	30.2	12.0	2.2
Manganese (Mn), ppm	39	15	1.6	4.5	12.2	63.9	17.8
Iron (Fe), ppm	34	24		2.8	3.0	77.8	16.4
Copper (Cu), ppm	1.4	0.7		0.3	41.9	56.1	1.7
Boron (B), ppm	0.5	0.4	52.0	22.8	19.4	5.2	0.6
Nitrate (NO3-N), ppm	33.8	47.3	5.4	12.9	30.1	22.8	28.7