



Northwest 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, %	4.2	2.1	0.2	11.8	62.9	19.5	5.6
Phosphorus (P1), ppm	42	34	2.5	13.5	22.2	35.7	26.0
Phosphorus (P2), ppm	62	40	0.8	9.6	27.7	36.9	25.1
Bicarbonate P, ppm	14	9	6.7	60.0	20.0	13.3	
Potassium (K), ppm	191	84					
K, % Base Saturation	3.7	1.9	0.8	2.7	34.3	39.2	23.7
Magnesium (Mg), ppm	478	162					
Mg, % Base Saturation	28.2	6.7	0.3	1.0	2.2	26.4	70.0
Calcium (Ca), ppm	1711	1172					
Ca, % Base Saturation	56.4	9.6	9.3	36.1	50.7	2.1	1.8
pH (1:1)	6.5	0.6	0.6	11.2	64.5	18.7	4.9
CEC, meq/100g	14.7	6.1	0.1	5.8	56.6	33.8	3.6
Sulfur (S), ppm	8	39.4	4.0	65.1	25.9	2.9	2.0
Zinc (Zn), ppm	3.9	3.2		41.7	39.7	15.9	2.7
Manganese (Mn), ppm	38	15	2.3	5.5	11.5	65.7	15.0
Iron (Fe), ppm	34	25		3.7	3.7	75.7	17.0
Copper (Cu), ppm	1.3	0.8		0.4	45.5	51.9	2.2
Boron (B), ppm	0.5	0.5	46.4	23.3	22.1	7.3	0.9
Nitrate (NO3-N), ppm	33.3	27.5	4.9	9.6	31.0	24.0	30.6