



## Southeast 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,%	3.3	1.8	0.1	33.3	58.4	7.9	0.4
Phosphorus (P1), ppm	29	25	7.4	32.1	27.4	22.3	10.8
Phosphorus (P2), ppm	61	48	1.9	12.1	28.9	33.9	23.2
Bicarbonate P, ppm	8	12	41.1	53.3	3.3	1.1	1.1
Potassium (K), ppm	136	65					
K, % Base Saturation	3.1	1.4	0.9	7.9	62.3	23.7	5.9
Magnesium (Mg), ppm	209	127					
Mg, % Base Saturation	13.9	4.3	0.2	18.1	48.3	31.8	1.7
Calcium (Ca), ppm	1642	697					
Ca, % Base Saturation	68.4	10.3	1.8	7.6	65.9	18.7	5.9
pH (1:1)	6.4	0.5	0.5	14.4	71.4	12.3	1.5
CEC, meq/100g	12.1	5.0	0.1	24.2	50.2	24.4	1.1
Sulfur (S), ppm	9	46.8	2.1	75.4	21.0	0.6	0.9
Zinc (Zn), ppm	2.6	3.3	0.1	82.1	11.9	4.5	1.3
Manganese (Mn), ppm	41	16	0.1	2.4	13.8	61.1	22.5
Iron (Fe), ppm	33	20		0.6	1.3	83.8	14.3
Copper (Cu), ppm	1.4	0.5			32.2	67.4	0.5
Boron (B), ppm	0.3	0.2	64.9	21.4	13.0	0.6	0.1
Nitrate (NO3-N), ppm	52.6	117.7	7.8	20.7	19.0	19.8	32.8