



## Southern 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,%	3.0	1.6	0.1	41.1	53.0	5.6	0.3
Phosphorus (P1), ppm	29	27	8.0	31.3	27.0	22.4	11.3
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	125	63					
K, % Base Saturation	3.0	1.4	2.3	12.4	62.6	19.9	4.8
Magnesium (Mg), ppm	193	125					
Mg, % Base Saturation	13.7	4.5	0.2	21.6	46.3	29.7	2.2
Calcium (Ca), ppm	1538	664					
Ca, % Base Saturation	69.4	11.1	2.3	7.6	61.0	19.9	9.2
pH (1:1)	6.4	0.6	0.5	14.0	67.4	16.2	1.9
CEC, meq/100g	11.2	4.8	0.1	30.7	49.8	18.4	1.0
Sulfur (S), ppm	9	45.7	2.4	74.6	20.9	0.9	1.1
Zinc (Zn), ppm	2.6	3.2	0.1	81.7	12.2	4.6	1.3
Manganese (Mn), ppm	41	16	0.1	2.4	13.3	59.8	24.3
Iron (Fe), ppm	34	20		0.6	1.3	83.1	15.0
Copper (Cu), ppm	1.4	0.5			33.2	66.2	0.6
Boron (B), ppm	0.3	0.2	65.0	21.3	13.0	0.6	0.1
Nitrate (NO3-N), ppm	48.7	109.0	8.0	21.9	17.5	19.0	33.6