



Southwest 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, %	2.5	0.6		58.7	40.7	0.5	
Phosphorus (P1), ppm	30	31	9.5	29.4	26.1	22.5	12.6
Potassium (K), ppm	101	49					
K, % Base Saturation	2.9	1.2	5.4	22.5	63.2	11.2	2.2
Magnesium (Mg), ppm	156	112					
Mg, % Base Saturation	13.2	5.0	0.2	29.7	41.8	25.2	3.1
Calcium (Ca), ppm	1303	509					
Ca, % Base Saturation	71.6	12.5	3.4	7.6	50.0	22.6	16.5
pH (1:1)	6.5	0.6	0.6	13.2	58.5	25.0	2.7
CEC, meq/100g	9.2	3.4		45.6	49.0	4.8	0.6
Sulfur (S), ppm	8	6.9	8.4	59.6	19.2	7.7	5.1
Zinc (Zn), ppm	3.0	2.3		71.8	20.6	5.7	1.9
Manganese (Mn), ppm	58	14		0.5	1.0	25.8	72.7
Iron (Fe), ppm	44	23		0.5	0.5	67.9	31.1
Copper (Cu), ppm	1.2	0.6		0.5	58.4	38.3	2.9
Boron (B), ppm	0.3	0.2	67.0	18.8	13.8	0.5	
Nitrate (NO ₃ -N), ppm	27.6	21.8	9.5	28.6	9.5	14.3	38.1