



# Southwest Illinois

## 2016 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	2.4	0.6	<1.0	67.2	32.1	0.6	0.1
Phosphorus (P1), ppm	32	35	10.8	26.2	24.0	24.5	14.4
Potassium (K), ppm	107	65					
K, % Base Saturation	2.9	1.3	2.0	21.1	62.0	12.3	4.0
Magnesium (Mg), ppm	159	100					
Mg, % Base Saturation	13.3	5.1	0.3	28.9	42.5	25.4	3.0
Calcium (Ca), ppm	1335	397					
Ca, % Base Saturation	71.4	13.0	3.9	8.2	46.9	25.4	15.6
pH (1:1)	6.6	0.6	1.0	13.4	56.2	25.8	3.5
CEC, meq/100g	9.5	2.8		33.7	61.2	4.9	0.1
Sulfur (S), ppm	8	4.0	9.2	45.4	37.0	6.1	2.3
Zinc (Zn), ppm	5.6	6.0		37.4	23.7	25.2	13.7
Manganese (Mn), ppm	49	17		5.0	8.4	41.0	45.6
Iron (Fe), ppm	64	41		0.8		47.7	51.5
Copper (Cu), ppm	1.6	0.5			13.8	85.8	0.4
Boron (B), ppm	0.4	0.3	62.2	20.2	15.3	1.9	0.4
Nitrate (NO <sub>3</sub> -N), ppm	20.5	17.5	17.9	13.6	22.8	33.7	12.0
Ammonium (NH <sub>4</sub> -N), ppm	5.7	8.2	63.3	24.1	8.4	3.0	1.2