

Southwest Indiana

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,%	2.6	1.2	2.1 <small>(<1.0)</small>	53.3 <small>(1.0-2.5)</small>	42.7 <small>(2.5-5.0)</small>	1.5 <small>(5.0-7.0)</small>	0.3 <small>(7.0+)</small>
Phosphorus (P1), ppm	35	35	10.4 <small>(<10)</small>	24.8 <small>(10-20)</small>	22.9 <small>(20-30)</small>	23.1 <small>(30-50)</small>	18.9 <small>(50+)</small>
Phosphorus (P2), ppm	48	84	42.0 <small>(<14)</small>	24.8 <small>(14-29)</small>	10.8 <small>(29-44)</small>	6.7 <small>(44-74)</small>	15.8 <small>(74+)</small>
Bicarbonate P, ppm	31	23	11.5 <small>(<5)</small>	15.4 <small>(5-15)</small>	15.4 <small>(15-25)</small>	38.5 <small>(25-45)</small>	19.2 <small>(45+)</small>
Potassium (K), ppm	120	53					
K, % Base Saturation	3.5	1.6	1.2 <small>(<1.03)</small>	11.4 <small>(1.03-2.04)</small>	63.0 <small>(2.05-4.09)</small>	20.8 <small>(4.10-6.13)</small>	4.3 <small>(>6.13)</small>
Magnesium (Mg), ppm	172	103					
Mg, % Base Saturation	14.8	5.2	0.3 <small>(<5)</small>	15.8 <small>(5-10)</small>	43.4 <small>(10-15)</small>	35.5 <small>(15-25)</small>	5.0 <small>(25+)</small>
Calcium (Ca), ppm	1296	569					
Ca, % Base Saturation	68.2	10.6	3.2 <small>(<45)</small>	7.8 <small>(45-55)</small>	64.9 <small>(55-75)</small>	19.9 <small>(75-85)</small>	4.2 <small>(85+)</small>
pH (1:1)	6.5	0.6	0.8 <small>(<5.1)</small>	12.0 <small>(5.1-5.8)</small>	68.4 <small>(5.9-6.0)</small>	15.1 <small>(7.0-7.5)</small>	3.7 <small>(>7.5)</small>
CEC, meq/100g	9.4	3.6	1.1 <small>(<3.1)</small>	35.6 <small>(3.1-8.0)</small>	56.4 <small>(8.1-15.0)</small>	6.6 <small>(15.1-25.0)</small>	0.3 <small>(>25.0)</small>
Sulfur (S), ppm	8	10.2	2.0 <small>(<4)</small>	62.3 <small>(4-7)</small>	30.8 <small>(8-12)</small>	3.2 <small>(13-17)</small>	1.6 <small>(>17)</small>
Zinc (Zn), ppm	4.1	4.4		48.5 <small>(1.1-2.9)</small>	30.3 <small>(3.0-4.9)</small>	15.9 <small>(5.0-10.0)</small>	5.3 <small>(>10.0)</small>
Manganese (Mn), ppm	58	20	0.1 <small>(<6)</small>	0.3 <small>(6-14)</small>	2.1 <small>(15-19)</small>	35.1 <small>(20-49)</small>	62.5 <small>(>49)</small>
Iron (Fe), ppm	45	29		0.8 <small>(<5)</small>	1.6 <small>(5-9)</small>	67.9 <small>(10-50)</small>	29.7 <small>(>50)</small>
Copper (Cu), ppm	1.5	0.8			35.9 <small>(<0.4)</small>	60.1 <small>(0.4-1.1)</small>	4.0 <small>(1.2-3.0)</small>
Boron (B), ppm	0.3	0.2	68.4 <small>(<0.4)</small>	18.1 <small>(0.4-0.5)</small>	12.8 <small>(0.6-1.2)</small>	0.6 <small>(1.3-2.5)</small>	0.1 <small>(>2.5)</small>
Nitrate (NO ₃ -N), ppm	15.3	14.0	11.9 <small>(<5)</small>	30.0 <small>(5-9)</small>	30.0 <small>(10-19)</small>	24.1 <small>(20-39)</small>	4.0 <small>(>39)</small>
Ammonium (NH ₄ -N), ppm	6.7	6.3	36.7 <small>(<5)</small>	48.3 <small>(5-9)</small>	11.1 <small>(10-19)</small>	2.8 <small>(20-39)</small>	1.1 <small>(>39)</small>