



Southwest Indiana

2021 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	1.0	<small>(<1.0)</small> 1.5	<small>(1.0-2.5)</small> 54.2	<small>(2.5-5.0)</small> 42.6	<small>(5.0-7.0)</small> 1.5	<small>(7.0+)</small> 0.2
Phosphorus (P1), ppm	32	34	<small>(<10)</small> 11.2	<small>(10-20)</small> 26.3	<small>(20-30)</small> 22.8	<small>(30-50)</small> 23.9	<small>(50+)</small> 15.8
Phosphorus (P2), ppm	27	54	<small>(<14)</small> 48.1	<small>(14-29)</small> 30.0	<small>(29-44)</small> 11.7	<small>(44-74)</small> 5.7	<small>(74+)</small> 4.5
Bicarbonate P, ppm	36	9	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 100.0	<small>(45+)</small>
Potassium (K), ppm	118	49					
K, % Base Saturation	3.4	1.6	<small>(<1.01)</small> 0.4	<small>(1.01-2.00)</small> 12.1	<small>(2.01-4.01)</small> 63.8	<small>(4.02-6.01)</small> 20.3	<small>(>6.01)</small> 3.4
Magnesium (Mg), ppm	178	105					
Mg, % Base Saturation	14.9	5.1	<small>(<5)</small> 0.2	<small>(5-10)</small> 15.0	<small>(10-15)</small> 44.2	<small>(15-25)</small> 35.3	<small>(25+)</small> 5.3
Calcium (Ca), ppm	1303	553					
Ca, % Base Saturation	66.9	10.3	<small>(<45)</small> 2.9	<small>(45-55)</small> 9.4	<small>(55-75)</small> 68.5	<small>(75-85)</small> 16.1	<small>(85+)</small> 3.1
pH (1:1)	6.4	0.6	<small>(<5.1)</small> 1.0	<small>(5.1-5.8)</small> 14.3	<small>(5.9-6.9)</small> 68.6	<small>(7.0-7.5)</small> 11.7	<small>(>7.5)</small> 4.5
CEC, meq/100g	9.7	3.5	<small>(<3.1)</small> 0.7	<small>(3.1-8.0)</small> 33.4	<small>(8.1-15.0)</small> 58.7	<small>(15.1-25.0)</small> 7.0	<small>(>25.0)</small> 0.3
Sulfur (S), ppm	8	10.2	<small>(<4)</small> 3.3	<small>(4-7)</small> 52.3	<small>(8-12)</small> 39.3	<small>(13-17)</small> 3.5	<small>(>17)</small> 1.6
Zinc (Zn), ppm	3.7	16.8	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 58.9	<small>(3.0-4.9)</small> 24.8	<small>(5.0-10.0)</small> 12.7	<small>(>10.0)</small> 3.6
Manganese (Mn), ppm	57	19	<small>(<6)</small>	<small>(6-14)</small> 0.5	<small>(15-19)</small> 2.5	<small>(20-49)</small> 34.7	<small>(>49)</small> 62.2
Iron (Fe), ppm	44	26		<small>(<5)</small> 0.2	<small>(5-9)</small> 1.1	<small>(10-50)</small> 69.4	<small>(>50)</small> 29.3
Copper (Cu), ppm	1.6	1.1		<small>(<0.4)</small> 0.1	<small>(0.4-1.1)</small> 42.0	<small>(1.2-3.0)</small> 51.3	<small>(>3.0)</small> 6.6
Boron (B), ppm	0.4	0.2	<small>(<0.4)</small> 60.4	<small>(0.4-0.5)</small> 24.6	<small>(0.6-1.2)</small> 14.2	<small>(1.3-2.5)</small> 0.8	<small>(>2.5)</small>
Nitrate (NO3-N), ppm	56.9	74.1	<small>(<5)</small> 28.6	<small>(5-9)</small> 14.3	<small>(10-19)</small> 14.3	<small>(20-39)</small> 14.3	<small>(>39)</small> 28.6
Ammonium (NH4-N), ppm	45.0	65.4	<small>(<5)</small> 57.1	<small>(5-9)</small>	<small>(10-19)</small> 14.3	<small>(20-39)</small>	<small>(>39)</small> 28.6