



Southwest Indiana

2022 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,%	2.7	1.3	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 51.0	<small>(2.5-5.0)</small> 44.8	<small>(5.0-7.0)</small> 2.2	<small>(7.0+)</small> 0.7
Phosphorus (P1), ppm	32	36	<small>(<10)</small> 11.4	<small>(10-20)</small> 26.9	<small>(20-30)</small> 23.7	<small>(30-50)</small> 22.8	<small>(50+)</small> 15.2
Phosphorus (P2), ppm	33	73	<small>(<14)</small> 53.8	<small>(14-29)</small> 22.2	<small>(29-44)</small> 8.0	<small>(44-74)</small> 6.1	<small>(74+)</small> 9.9
Bicarbonate P, ppm	47	1	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small>	<small>(45+)</small> 100.0
Potassium (K), ppm	121	51					
K, % Base Saturation	3.4	1.6	<small>(<1.00)</small> 0.4	<small>(1.00-1.98)</small> 11.1	<small>(1.99-3.96)</small> 63.0	<small>(3.97-5.94)</small> 21.6	<small>(5.94+)</small> 3.9
Magnesium (Mg), ppm	175	103					
Mg, % Base Saturation	14.5	4.8	<small>(<5)</small> 0.4	<small>(5-10)</small> 14.9	<small>(10-15)</small> 46.5	<small>(15-25)</small> 34.7	<small>(25+)</small> 3.6
Calcium (Ca), ppm	1317	602					
Ca, % Base Saturation	66.5	10.7	<small>(<45)</small> 3.7	<small>(45-55)</small> 9.8	<small>(55-75)</small> 67.5	<small>(75-85)</small> 15.9	<small>(85+)</small> 3.1
pH (1:1)	6.4	0.6	<small>(<5.1)</small> 1.2	<small>(5.1-5.8)</small> 14.8	<small>(5.9-6.9)</small> 70.8	<small>(7.0-7.5)</small> 10.6	<small>(>7.5)</small> 2.6
CEC, meq/100g	9.8	3.9	<small>(<3.1)</small> 0.4	<small>(3.1-8.0)</small> 34.7	<small>(8.1-15.0)</small> 55.7	<small>(15.1-25.0)</small> 8.8	<small>(>25.0)</small> 0.5
Sulfur (S), ppm	8	7.1	<small>(<4)</small> 1.6	<small>(4-7)</small> 52.9	<small>(8-12)</small> 40.3	<small>(13-17)</small> 3.8	<small>(>17)</small> 1.5
Zinc (Zn), ppm	3.2	3.2	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 65.0	<small>(3.0-4.9)</small> 23.9	<small>(5.0-10.0)</small> 8.7	<small>(>10.0)</small> 2.4
Manganese (Mn), ppm	53	19	<small>(<6)</small> 0.1	<small>(6-14)</small> 1.5	<small>(15-19)</small> 4.3	<small>(20-49)</small> 40.1	<small>(>49)</small> 54.1
Iron (Fe), ppm	44	26		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.5	<small>(10-50)</small> 69.7	<small>(>50)</small> 29.7
Copper (Cu), ppm	1.4	0.9		<small>(<0.4)</small> 0.5	<small>(0.4-1.1)</small> 47.0	<small>(1.2-3.0)</small> 47.3	<small>(>3.0)</small> 5.1
Boron (B), ppm	0.4	0.2	<small>(<0.4)</small> 61.8	<small>(0.4-0.5)</small> 25.4	<small>(0.6-1.2)</small> 12.2	<small>(1.3-2.5)</small> 0.6	<small>(>2.5)</small>
Nitrate (NO3-N), ppm	4.8	2.8	<small>(<5)</small> 54.4	<small>(5-9)</small> 33.8	<small>(10-19)</small> 11.8	<small>(20-39)</small>	<small>(>39)</small>
Ammonium (NH4-N), ppm	4.2	1.0	<small>(<5)</small> 13.2	<small>(5-9)</small> 86.8	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>