



Southeast 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,%	2.7	1.0	<small>(<1.0)</small> 0.7	<small>(1.0-2.5)</small> 48.4	<small>(2.5-5.0)</small> 49.2	<small>(5.0-7.0)</small> 1.3	<small>(7.0+)</small> 0.4
Phosphorus (P1), ppm	35	40	<small>(<10)</small> 9.6	<small>(10-20)</small> 24.7	<small>(20-30)</small> 23.5	<small>(30-50)</small> 24.5	<small>(50+)</small> 17.7
Phosphorus (P2), ppm	144	317	<small>(<14)</small> 3.9	<small>(14-29)</small> 15.9	<small>(29-44)</small> 12.9	<small>(44-74)</small> 24.6	<small>(74+)</small> 42.8
Bicarbonate P, ppm	45	87	<small>(<5)</small> 0.2	<small>(5-15)</small> 22.2	<small>(15-25)</small> 23.7	<small>(25-45)</small> 36.8	<small>(45+)</small> 17.1
Potassium (K), ppm	126	56					
K, % Base Saturation	3.5	1.5	<small>(<1.01)</small> 0.3	<small>(1.01-2.00)</small> 10.4	<small>(2.01-4.00)</small> 58.3	<small>(4.01-6.00)</small> 26.4	<small>(>6.00)</small> 4.6
Magnesium (Mg), ppm	224	110					
Mg, % Base Saturation	19.0	5.8	<small>(<5)</small> 0.3	<small>(5-10)</small> 6.2	<small>(10-15)</small> 18.0	<small>(15-25)</small> 60.2	<small>(25+)</small> 15.3
Calcium (Ca), ppm	1270	634					
Ca, % Base Saturation	64.6	10.1	<small>(<45)</small> 3.8	<small>(45-55)</small> 11.6	<small>(55-75)</small> 71.8	<small>(75-85)</small> 10.7	<small>(85+)</small> 2.1
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 11.6	<small>(5.9-6.9)</small> 65.7	<small>(7.0-7.5)</small> 18.0	<small>(>7.5)</small> 4.0
CEC, meq/100g	9.7	3.7	<small>(<3.1)</small> 0.3	<small>(3.1-8.0)</small> 34.8	<small>(8.1-15.0)</small> 57.3	<small>(15.1-25.0)</small> 7.2	<small>(>25.0)</small> 0.3
Sulfur (S), ppm	7	4.6	<small>(<4)</small> 3.7	<small>(4-7)</small> 63.4	<small>(8-12)</small> 30.3	<small>(13-17)</small> 1.5	<small>(>17)</small> 1.1
Zinc (Zn), ppm	3.3	11.5	<small>(<1.0)</small> 0.0	<small>(1.1-2.9)</small> 65.0	<small>(3.0-4.9)</small> 23.7	<small>(5.0-10.0)</small> 9.1	<small>(>10.0)</small> 2.2
Manganese (Mn), ppm	48	15	<small>(<6)</small> 0.0	<small>(6-14)</small> 0.9	<small>(15-19)</small> 5.0	<small>(20-49)</small> 52.4	<small>(>49)</small> 41.8
Iron (Fe), ppm	39	27		<small>(<5)</small> 0.4	<small>(5-9)</small> 2.3	<small>(10-50)</small> 74.4	<small>(>50)</small> 22.9
Copper (Cu), ppm	1.3	0.9		<small>(<0.4)</small> 0.2	<small>(0.4-1.1)</small> 54.8	<small>(1.2-3.0)</small> 41.6	<small>(>3.0)</small> 3.3
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 43.1	<small>(0.4-0.5)</small> 31.9	<small>(0.6-1.2)</small> 23.6	<small>(1.3-2.5)</small> 1.4	<small>(>2.5)</small> 0.0
Nitrate (NO3-N), ppm	5.2	1.7	<small>(<5)</small> 29.6	<small>(5-9)</small> 66.7	<small>(10-19)</small> 3.7	<small>(20-39)</small> 0.0	<small>(>39)</small> 0.0
Ammonium (NH4-N), ppm	4.1	2.0	<small>(<5)</small> 50.0	<small>(5-9)</small> 50.0	<small>(10-19)</small> 0.0	<small>(20-39)</small> 0.0	<small>(>39)</small> 0.0