



# Southern 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>(&lt;1.0)</small> 1.1	<small>(1.0-2.5)</small> 51.3	<small>(2.5-5.0)</small> 45.9	<small>(5.0-7.0)</small> 1.4	<small>(7.0+)</small> 0.3
Phosphorus (P1), ppm	34	37	<small>(&lt;10)</small> 10.4	<small>(10-20)</small> 25.5	<small>(20-30)</small> 23.2	<small>(30-50)</small> 24.2	<small>(50+)</small> 16.7
Phosphorus (P2), ppm	87	237	<small>(&lt;14)</small> 25.5	<small>(14-29)</small> 22.8	<small>(29-44)</small> 12.3	<small>(44-74)</small> 15.3	<small>(74+)</small> 24.1
Bicarbonate P, ppm	45	86	<small>(&lt;5)</small> 0.2	<small>(5-15)</small> 22.1	<small>(15-25)</small> 23.6	<small>(25-45)</small> 37.0	<small>(45+)</small> 17.1
Potassium (K), ppm	122	53					
K, % Base Saturation	3.4	1.5	<small>(&lt;1.01)</small> 0.4	<small>(1.01-2.00)</small> 11.2	<small>(2.01-4.01)</small> 61.1	<small>(4.02-6.01)</small> 23.3	<small>(&gt;6.01)</small> 4.0
Magnesium (Mg), ppm	201	110					
Mg, % Base Saturation	16.9	5.9	<small>(&lt;5)</small> 0.3	<small>(5-10)</small> 10.6	<small>(10-15)</small> 31.2	<small>(15-25)</small> 47.7	<small>(25+)</small> 10.2
Calcium (Ca), ppm	1287	595					
Ca, % Base Saturation	65.8	10.2	<small>(&lt;45)</small> 3.3	<small>(45-55)</small> 10.5	<small>(55-75)</small> 70.1	<small>(75-85)</small> 13.4	<small>(85+)</small> 2.6
pH (1:1)	6.5	0.6	<small>(&lt;5.1)</small> 0.8	<small>(5.1-5.8)</small> 13.0	<small>(5.9-6.9)</small> 67.1	<small>(7.0-7.5)</small> 14.9	<small>(&gt;7.5)</small> 4.2
CEC, meq/100g	9.7	3.6	<small>(&lt;3.1)</small> 0.5	<small>(3.1-8.0)</small> 34.1	<small>(8.1-15.0)</small> 58.0	<small>(15.1-25.0)</small> 7.1	<small>(&gt;25.0)</small> 0.3
Sulfur (S), ppm	8	9.2	<small>(&lt;4)</small> 3.4	<small>(4-7)</small> 54.9	<small>(8-12)</small> 37.3	<small>(13-17)</small> 3.0	<small>(&gt;17)</small> 1.5
Zinc (Zn), ppm	3.5	14.3	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 62.0	<small>(3.0-4.9)</small> 24.2	<small>(5.0-10.0)</small> 10.8	<small>(&gt;10.0)</small> 2.9
Manganese (Mn), ppm	52	18	<small>(&lt;6)</small>	<small>(6-14)</small> 0.7	<small>(15-19)</small> 3.8	<small>(20-49)</small> 43.9	<small>(&gt;49)</small> 51.6
Iron (Fe), ppm	42	26		<small>(&lt;5)</small> 0.3	<small>(5-9)</small> 1.4	<small>(10-50)</small> 70.8	<small>(&gt;50)</small> 27.6
Copper (Cu), ppm	1.5	1.0		<small>(&lt;0.4)</small> 0.1	<small>(0.4-1.1)</small> 45.5	<small>(1.2-3.0)</small> 48.7	<small>(&gt;3.0)</small> 5.7
Boron (B), ppm	0.4	0.2	<small>(&lt;0.4)</small> 51.4	<small>(0.4-0.5)</small> 28.4	<small>(0.6-1.2)</small> 19.1	<small>(1.3-2.5)</small> 1.1	<small>(&gt;2.5)</small>
Nitrate (NO3-N), ppm	9.3	25.2	<small>(&lt;5)</small> 29.5	<small>(5-9)</small> 62.5	<small>(10-19)</small> 4.5	<small>(20-39)</small> 1.1	<small>(&gt;39)</small> 2.3
Ammonium (NH4-N), ppm	35.9	60.2	<small>(&lt;5)</small> 55.6	<small>(5-9)</small> 11.1	<small>(10-19)</small> 11.1	<small>(20-39)</small>	<small>(&gt;39)</small> 22.2