



# Southern 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	1.1	<small>&lt;1.0</small> 1.0	<small>1.0-2.5</small> 50.3	<small>2.5-5.0</small> 46.4	<small>5.0-7.0</small> 1.8	<small>7.0+</small> 0.5
Phosphorus (P1), ppm	33	39	<small>&lt;10</small> 11.1	<small>10-20</small> 26.8	<small>20-30</small> 23.7	<small>30-50</small> 23.2	<small>50+</small> 15.3
Phosphorus (P2), ppm	132	264	<small>&lt;14</small> 23.8	<small>14-29</small> 15.4	<small>29-44</small> 10.2	<small>44-74</small> 11.6	<small>74+</small> 39.0
Bicarbonate P, ppm	50	63	<small>&lt;5</small>	<small>5-15</small> 12.6	<small>15-25</small> 23.0	<small>25-45</small> 36.4	<small>45+</small> 27.9
Potassium (K), ppm	122	57					
K, % Base Saturation	3.5	1.6	<small>&lt;1.01</small> 0.4	<small>1.01-2.00</small> 10.7	<small>2.01-4.00</small> 62.2	<small>4.01-6.00</small> 22.7	<small>&gt;6.00</small> 4.0
Magnesium (Mg), ppm	196	110					
Mg, % Base Saturation	16.5	5.8	<small>&lt;5</small> 0.4	<small>5-10</small> 11.7	<small>10-15</small> 32.5	<small>15-25</small> 46.6	<small>25+</small> 8.8
Calcium (Ca), ppm	1276	591					
Ca, % Base Saturation	65.1	10.7	<small>&lt;45</small> 4.4	<small>45-55</small> 11.4	<small>55-75</small> 69.0	<small>75-85</small> 12.7	<small>85+</small> 2.5
pH (1:1)	6.4	0.6	<small>&lt;5.1</small> 1.2	<small>5.1-5.8</small> 14.4	<small>5.9-6.9</small> 68.0	<small>7.0-7.5</small> 13.2	<small>&gt;7.5</small> 3.1
CEC, meq/100g	9.7	3.7	<small>&lt;3.1</small> 0.3	<small>3.1-8.0</small> 35.9	<small>8.1-15.0</small> 55.3	<small>15.1-25.0</small> 8.1	<small>&gt;25.0</small> 0.4
Sulfur (S), ppm	8	8.4	<small>&lt;4</small> 1.6	<small>4-7</small> 51.3	<small>8-12</small> 41.4	<small>13-17</small> 3.9	<small>&gt;17</small> 1.9
Zinc (Zn), ppm	3.3	3.1	<small>&lt;1.0</small>	<small>1.1-2.9</small> 64.1	<small>3.0-4.9</small> 23.7	<small>5.0-10.0</small> 9.7	<small>&gt;10.0</small> 2.6
Manganese (Mn), ppm	51	17	<small>&lt;6</small> 0.1	<small>6-14</small> 1.1	<small>15-19</small> 4.4	<small>20-49</small> 43.9	<small>&gt;49</small> 50.6
Iron (Fe), ppm	43	26		<small>&lt;5</small> 0.3	<small>5-9</small> 1.1	<small>10-50</small> 70.2	<small>&gt;50</small> 28.4
Copper (Cu), ppm	1.4	2.4		<small>&lt;0.4</small> 0.9	<small>0.4-1.1</small> 49.6	<small>1.2-3.0</small> 44.3	<small>&gt;3.0</small> 5.2
Boron (B), ppm	0.4	0.2	<small>&lt;0.4</small> 52.2	<small>0.4-0.5</small> 29.7	<small>0.6-1.2</small> 17.1	<small>1.3-2.5</small> 0.9	<small>&gt;2.5</small>
Nitrate (NO3-N), ppm	7.8	12.0	<small>&lt;5</small> 48.8	<small>5-9</small> 28.6	<small>10-19</small> 17.9	<small>20-39</small> 1.2	<small>&gt;39</small> 3.6
Ammonium (NH4-N), ppm	4.1	1.0	<small>&lt;5</small> 17.9	<small>5-9</small> 82.1	<small>10-19</small>	<small>20-39</small>	<small>&gt;39</small>