



Southeast 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	1.0	<small><1.0</small> 0.6	<small>1.0-2.5</small> 49.6	<small>2.5-5.0</small> 48.1	<small>5.0-7.0</small> 1.4	<small>7.0+</small> 0.3
Phosphorus (P1), ppm	33	42	<small><10</small> 10.8	<small>10-20</small> 26.7	<small>20-30</small> 23.7	<small>30-50</small> 23.6	<small>50+</small> 15.3
Phosphorus (P2), ppm	204	322	<small><14</small> 2.4	<small>14-29</small> 10.5	<small>29-44</small> 11.8	<small>44-74</small> 15.5	<small>74+</small> 59.8
Bicarbonate P, ppm	50	63	<small><5</small>	<small>5-15</small> 12.7	<small>15-25</small> 23.2	<small>25-45</small> 36.7	<small>45+</small> 27.3
Potassium (K), ppm	122	63					
K, % Base Saturation	3.5	1.6	<small><1.02</small> 0.4	<small>1.02-2.02</small> 10.4	<small>2.03-4.04</small> 61.4	<small>4.05-6.06</small> 23.8	<small>>6.06</small> 4.1
Magnesium (Mg), ppm	217	112					
Mg, % Base Saturation	18.6	6.0	<small><5</small> 0.4	<small>5-10</small> 8.4	<small>10-15</small> 18.3	<small>15-25</small> 58.6	<small>25+</small> 14.2
Calcium (Ca), ppm	1235	578					
Ca, % Base Saturation	63.7	10.5	<small><45</small> 5.1	<small>45-55</small> 13.0	<small>55-75</small> 70.4	<small>75-85</small> 9.5	<small>85+</small> 1.9
pH (1:1)	6.5	0.6	<small><5.1</small> 1.2	<small>5.1-5.8</small> 14.0	<small>5.9-6.9</small> 65.2	<small>7.0-7.5</small> 15.9	<small>>7.5</small> 3.6
CEC, meq/100g	9.6	3.5	<small><3.1</small> 0.3	<small>3.1-8.0</small> 37.2	<small>8.1-15.0</small> 54.9	<small>15.1-25.0</small> 7.4	<small>>25.0</small> 0.2
Sulfur (S), ppm	9	11.7	<small><4</small> 1.7	<small>4-7</small> 46.2	<small>8-12</small> 44.7	<small>13-17</small> 4.2	<small>>17</small> 3.2
Zinc (Zn), ppm	3.3	3.0	<small><1.0</small>	<small>1.1-2.9</small> 63.0	<small>3.0-4.9</small> 23.3	<small>5.0-10.0</small> 10.8	<small>>10.0</small> 2.8
Manganese (Mn), ppm	49	15	<small><6</small>	<small>6-14</small> 0.7	<small>15-19</small> 4.5	<small>20-49</small> 48.3	<small>>49</small> 46.5
Iron (Fe), ppm	40	27		<small><5</small> 0.8	<small>5-9</small> 2.7	<small>10-50</small> 71.5	<small>>50</small> 25.0
Copper (Cu), ppm	1.5	4.2		<small><0.4</small> 1.8	<small>0.4-1.1</small> 56.3	<small>1.2-3.0</small> 36.5	<small>>3.0</small> 5.4
Boron (B), ppm	0.4	0.3	<small><0.4</small> 40.8	<small>0.4-0.5</small> 34.9	<small>0.6-1.2</small> 22.9	<small>1.3-2.5</small> 1.3	<small>>2.5</small>
Nitrate (NO3-N), ppm	20.8	22.8	<small><5</small> 25.0	<small>5-9</small> 6.3	<small>10-19</small> 43.8	<small>20-39</small> 6.3	<small>>39</small> 18.8
Ammonium (NH4-N), ppm	3.6	1.2	<small><5</small> 37.5	<small>5-9</small> 62.5	<small>10-19</small>	<small>20-39</small>	<small>>39</small>