

# Southeast Indiana

## 2017 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> 0.5	<small>1.0-2.5</small> 52.1	<small>2.5-5.0</small> 44.8	<small>5.0-7.0</small> 2.3	<small>7.0+</small> 0.3
Phosphorus (P1), ppm	33	34	<small>&lt;10</small> 10.4	<small>10-20</small> 23.5	<small>20-30</small> 23.3	<small>30-50</small> 26.3	<small>50+</small> 16.5
Phosphorus (P2), ppm	64	96	<small>&lt;14</small> 34.4	<small>14-29</small> 15.6	<small>29-44</small> 18.8	<small>44-74</small> 12.5	<small>74+</small> 18.8
Bicarbonate P, ppm	41	18	<small>&lt;5</small> 0.4	<small>5-15</small> 4.0	<small>15-25</small> 10.5	<small>25-45</small> 53.4	<small>45+</small> 31.7
Potassium (K), ppm	126	53					
K, % Base Saturation	3.3	1.5	<small>&lt;0.95</small> 3.3	<small>0.95-1.89</small> 11.3	<small>1.90-3.79</small> 58.7	<small>3.80-5.68</small> 25.5	<small>&gt;5.68</small> 4.2
Magnesium (Mg), ppm	249	129					
Mg, % Base Saturation	19.8	6.2	<small>&lt;5</small> 0.2	<small>5-10</small> 6.0	<small>10-15</small> 16.5	<small>15-25</small> 57.4	<small>25+</small> 20.0
Calcium (Ca), ppm	1339	632					
Ca, % Base Saturation	63.8	10.4	<small>&lt;45</small> 4.2	<small>45-55</small> 13.6	<small>55-75</small> 69.5	<small>75-85</small> 10.1	<small>85+</small> 2.5
pH (1:1)	6.5	0.6	<small>&lt;5.1</small> 0.6	<small>5.1-5.8</small> 12.0	<small>5.9-6.0</small> 66.8	<small>7.0-7.5</small> 16.8	<small>&gt;7.5</small> 3.8
CEC, meq/100g	10.4	4.2	<small>&lt;3.1</small> 0.4	<small>3.1-8.0</small> 31.9	<small>8.1-15.0</small> 54.1	<small>15.1-25.0</small> 13.2	<small>&gt;25.0</small> 0.4
Sulfur (S), ppm	7	16.2	<small>&lt;4</small> 1.8	<small>4-7</small> 66.6	<small>8-12</small> 28.9	<small>13-17</small> 1.3	<small>&gt;17</small> 1.3
Zinc (Zn), ppm	3.0	3.8	<small>&lt;1.0</small> 0.1	<small>1.1-2.9</small> 71.6	<small>3.0-4.9</small> 19.9	<small>5.0-10.0</small> 6.4	<small>&gt;10.0</small> 2.0
Manganese (Mn), ppm	47	15	<small>&lt;6</small> 0.9	<small>6-14</small> 0.9	<small>15-19</small> 4.7	<small>20-49</small> 55.1	<small>&gt;49</small> 39.2
Iron (Fe), ppm	41	28		<small>&lt;5</small> 0.9	<small>5-9</small> 3.2	<small>10-50</small> 68.5	<small>&gt;50</small> 27.4
Copper (Cu), ppm	1.8	1.7		<small>&lt;0.4</small> 45.5	<small>0.4-1.1</small> 45.0	<small>1.2-3.0</small> 9.4	<small>&gt;3.0</small> 9.4
Boron (B), ppm	0.4	0.3	<small>&lt;0.4</small> 43.8	<small>0.4-0.5</small> 31.1	<small>0.6-1.2</small> 23.1	<small>1.3-2.5</small> 1.8	<small>&gt;2.5</small> 0.1
Nitrate (NO <sub>3</sub> -N), ppm	20.0	32.1	<small>&lt;5</small> 9.7	<small>5-9</small> 25.1	<small>10-19</small> 34.0	<small>20-39</small> 21.6	<small>&gt;39</small> 9.6
Ammonium (NH <sub>4</sub> -N), ppm	9.4	42.4	<small>&lt;5</small> 63.1	<small>5-9</small> 24.7	<small>10-19</small> 5.4	<small>20-39</small> 3.6	<small>&gt;39</small> 3.1