



Indiana

2019 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,%	3.3	4.7	<small><1.0</small> 1.7	<small>1.0-2.5</small> 46.7	<small>2.5-5.0</small> 45.8	<small>5.0-7.0</small> 2.8	<small>7.0+</small> 3.0
Phosphorus (P1), ppm	42	45	<small><10</small> 7.1	<small>10-20</small> 20.4	<small>20-30</small> 20.1	<small>30-50</small> 26.2	<small>50+</small> 26.1
Phosphorus (P2), ppm	63	64	<small><14</small> 5.3	<small>14-29</small> 19.9	<small>29-44</small> 21.2	<small>44-74</small> 27.8	<small>74+</small> 25.7
Bicarbonate P, ppm	37	47	<small><5</small> 17.1	<small>5-15</small> 11.4	<small>15-25</small> 14.3	<small>25-45</small> 28.6	<small>45+</small> 28.6
Potassium (K), ppm	136	58					
K, % Base Saturation	3.7	1.9	<small><0.94</small> 2.1	<small>0.94-1.85</small> 6.4	<small>1.86-3.70</small> 58.2	<small>3.71-5.56</small> 28.4	<small>5.56+</small> 6.7
Magnesium (Mg), ppm	254	140					
Mg, % Base Saturation	19.9	6.4	<small><5</small> 0.4	<small>5-10</small> 5.1	<small>10-15</small> 17.7	<small>15-25</small> 55.8	<small>25+</small> 20.9
Calcium (Ca), ppm	1374	840					
Ca, % Base Saturation	63.3	10.6	<small><45</small> 4.5	<small>45-55</small> 16.5	<small>55-75</small> 66.6	<small>75-85</small> 10.4	<small>85+</small> 2.0
pH (1:1)	6.5	0.6	<small><5.1</small> 0.6	<small>5.1-5.8</small> 11.7	<small>5.9-6.9</small> 67.0	<small>7.0-7.5</small> 17.4	<small>>7.5</small> 3.2
CEC, meq/100g	10.7	5.3	<small><3.1</small> 1.1	<small>3.1-8.0</small> 30.6	<small>8.1-15.0</small> 53.0	<small>15.1-25.0</small> 13.9	<small>>25.0</small> 1.4
Sulfur (S), ppm	7	6.5	<small><4</small> 4.0	<small>4-7</small> 59.7	<small>8-12</small> 31.9	<small>13-17</small> 3.1	<small>>17</small> 1.3
Zinc (Zn), ppm	3.6	4.1	<small><1.0</small> 57.5	<small>1.1-2.9</small> 27.6	<small>3.0-4.9</small> 11.8	<small>5.0-10.0</small> 3.0	<small>>10.0</small> 3.0
Manganese (Mn), ppm	45	19	<small><6</small> 2.0	<small>6-14</small> 5.2	<small>15-19</small> 8.5	<small>20-49</small> 48.2	<small>>49</small> 36.1
Iron (Fe), ppm	45	29		<small><5</small> 0.4	<small>5-9</small> 1.2	<small>10-50</small> 69.2	<small>>50</small> 29.3
Copper (Cu), ppm	1.5	1.1		<small><0.4</small> 0.8	<small>0.4-1.1</small> 45.4	<small>1.2-3.0</small> 48.7	<small>>3.0</small> 5.1
Boron (B), ppm	0.4	0.3	<small><0.4</small> 50.3	<small>0.4-0.5</small> 26.9	<small>0.6-1.2</small> 21.3	<small>1.3-2.5</small> 1.4	<small>>2.5</small> 0.1
Nitrate (NO ₃ -N), ppm	64.3	60.0	<small><5</small> 2.5	<small>5-9</small> 8.8	<small>10-19</small> 14.2	<small>20-39</small> 25.1	<small>>39</small> 49.4
Ammonium (NH ₄ -N), ppm	25.8	35.3	<small><5</small> 25.9	<small>5-9</small> 29.0	<small>10-19</small> 11.1	<small>20-39</small> 5.4	<small>>39</small> 28.5