



Indiana

2020 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> 1.3	<small>1.0-2.5</small> 44.4	<small>2.5-5.0</small> 48.3	<small>5.0-7.0</small> 3.1	<small>7.0+</small> 2.8
Phosphorus (P1), ppm	41	45	<small><10</small> 7.7	<small>10-20</small> 21.4	<small>20-30</small> 20.6	<small>30-50</small> 25.5	<small>50+</small> 24.7
Phosphorus (P2), ppm	65	77	<small><14</small> 6.2	<small>14-29</small> 18.7	<small>29-44</small> 20.1	<small>44-74</small> 29.6	<small>74+</small> 25.5
Bicarbonate P, ppm	30	40	<small><5</small> 13.3	<small>5-15</small> 30.0	<small>15-25</small> 16.7	<small>25-45</small> 26.7	<small>45+</small> 13.3
Potassium (K), ppm	135	63					
K, % Base Saturation	3.7	2.0	<small><0.95</small> 1.8	<small>0.95-1.89</small> 7.6	<small>1.90-3.77</small> 57.7	<small>3.78-5.66</small> 27.4	<small>>5.66</small> 7.0
Magnesium (Mg), ppm	251	135					
Mg, % Base Saturation	20.1	6.5	<small><5</small> 0.4	<small>5-10</small> 4.9	<small>10-15</small> 17.5	<small>15-25</small> 55.1	<small>25+</small> 22.1
Calcium (Ca), ppm	1326	751					
Ca, % Base Saturation	62.6	10.7	<small><45</small> 5.1	<small>45-55</small> 17.8	<small>55-75</small> 65.7	<small>75-85</small> 9.5	<small>85+</small> 1.8
pH (1:1)	6.5	0.6	<small><5.1</small> 0.9	<small>5.1-5.8</small> 13.0	<small>5.9-6.9</small> 65.1	<small>7.0-7.5</small> 16.9	<small>>7.5</small> 4.1
CEC, meq/100g	10.4	4.9	<small><3.1</small> 0.9	<small>3.1-8.0</small> 31.6	<small>8.1-15.0</small> 54.0	<small>15.1-25.0</small> 12.3	<small>>25.0</small> 1.2
Sulfur (S), ppm	8	21.7	<small><4</small> 4.2	<small>4-7</small> 55.9	<small>8-12</small> 32.8	<small>13-17</small> 4.3	<small>>17</small> 2.7
Zinc (Zn), ppm	3.8	4.1	<small><1.0</small> 55.8	<small>1.1-2.9</small> 27.6	<small>3.0-4.9</small> 12.4	<small>5.0-10.0</small> 4.2	<small>>10.0</small>
Manganese (Mn), ppm	41	19	<small><6</small> 2.4	<small>6-14</small> 7.3	<small>15-19</small> 11.2	<small>20-49</small> 50.7	<small>>49</small> 28.4
Iron (Fe), ppm	44	27		<small><5</small> 0.2	<small>5-9</small> 1.1	<small>10-50</small> 69.0	<small>>50</small> 29.7
Copper (Cu), ppm	1.6	1.2		<small><0.4</small> 0.4	<small>0.4-1.1</small> 38.6	<small>1.2-3.0</small> 52.4	<small>>3.0</small> 8.6
Boron (B), ppm	0.4	3.1	<small><0.4</small> 49.1	<small>0.4-0.5</small> 27.4	<small>0.6-1.2</small> 21.6	<small>1.3-2.5</small> 1.8	<small>>2.5</small> 0.1
Nitrate (NO ₃ -N), ppm	67.5	69.4	<small><5</small> 3.4	<small>5-9</small> 8.3	<small>10-19</small> 18.2	<small>20-39</small> 24.4	<small>>39</small> 45.7
Ammonium (NH ₄ -N), ppm	22.5	52.3	<small><5</small> 21.5	<small>5-9</small> 43.2	<small>10-19</small> 6.2	<small>20-39</small> 3.5	<small>>39</small> 25.6