



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,%	3.3	4.5	<small><1.0</small> 1.3	<small>1.0-2.5</small> 44.8	<small>2.5-5.0</small> 47.8	<small>5.0-7.0</small> 3.1	<small>7.0+</small> 2.9
Phosphorus (P1), ppm	40	43	<small><10</small> 7.5	<small>10-20</small> 21.7	<small>20-30</small> 21.3	<small>30-50</small> 25.9	<small>50+</small> 23.6
Phosphorus (P2), ppm	68	91	<small><14</small> 4.8	<small>14-29</small> 19.1	<small>29-44</small> 22.2	<small>44-74</small> 28.5	<small>74+</small> 25.4
Bicarbonate P, ppm	55	71	<small><5</small>	<small>5-15</small> 12.1	<small>15-25</small> 22.1	<small>25-45</small> 35.4	<small>45+</small> 30.4
Potassium (K), ppm	136	61					
K, % Base Saturation	3.7	1.9	<small><0.94</small> 0.3	<small>0.94-1.86</small> 7.1	<small>1.87-3.72</small> 57.5	<small>3.73-5.59</small> 28.0	<small>5.59+</small> 7.1
Magnesium (Mg), ppm	241	128					
Mg, % Base Saturation	19.1	6.1	<small><5</small> 0.5	<small>5-10</small> 5.2	<small>10-15</small> 21.0	<small>15-25</small> 56.6	<small>25+</small> 16.8
Calcium (Ca), ppm	1357	816					
Ca, % Base Saturation	62.9	10.8	<small><45</small> 5.2	<small>45-55</small> 16.9	<small>55-75</small> 65.9	<small>75-85</small> 10.2	<small>85+</small> 1.7
pH (1:1)	6.4	0.6	<small><5.1</small> 1.1	<small>5.1-5.8</small> 14.4	<small>5.9-6.9</small> 65.4	<small>7.0-7.5</small> 15.7	<small>>7.5</small> 3.4
CEC, meq/100g	10.6	5.0	<small><3.1</small> 0.6	<small>3.1-8.0</small> 30.5	<small>8.1-15.0</small> 54.8	<small>15.1-25.0</small> 12.7	<small>>25.0</small> 1.4
Sulfur (S), ppm	9	20.2	<small><4</small> 1.5	<small>4-7</small> 45.2	<small>8-12</small> 44.1	<small>13-17</small> 5.9	<small>>17</small> 3.4
Zinc (Zn), ppm	3.5	3.4	<small><1.0</small>	<small>1.1-2.9</small> 58.3	<small>3.0-4.9</small> 27.0	<small>5.0-10.0</small> 11.6	<small>>10.0</small> 3.1
Manganese (Mn), ppm	42	18	<small><6</small> 1.7	<small>6-14</small> 6.3	<small>15-19</small> 10.8	<small>20-49</small> 51.2	<small>>49</small> 29.9
Iron (Fe), ppm	45	28		<small><5</small> 0.2	<small>5-9</small> 0.8	<small>10-50</small> 69.5	<small>>50</small> 29.5
Copper (Cu), ppm	1.6	1.8		<small><0.4</small> 1.3	<small>0.4-1.1</small> 41.5	<small>1.2-3.0</small> 49.8	<small>>3.0</small> 7.4
Boron (B), ppm	0.4	0.3	<small><0.4</small> 46.1	<small>0.4-0.5</small> 30.0	<small>0.6-1.2</small> 21.8	<small>1.3-2.5</small> 1.9	<small>>2.5</small> 0.1
Nitrate (NO3-N), ppm	34.1	24.9	<small><5</small> 4.8	<small>5-9</small> 7.6	<small>10-19</small> 20.7	<small>20-39</small> 32.8	<small>>39</small> 34.1
Ammonium (NH4-N), ppm	9.9	18.3	<small><5</small> 18.0	<small>5-9</small> 57.3	<small>10-19</small> 12.5	<small>20-39</small> 4.5	<small>>39</small> 7.8