



Indiana

2023 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> 1.2	<small>1.0-2.5</small> 43.7	<small>2.5-5.0</small> 48.8	<small>5.0-7.0</small> 3.4	<small>7.0+</small> 3.0
Phosphorus (P1), ppm	43	45	<small><10</small> 5.8	<small>10-20</small> 20.2	<small>20-30</small> 21.2	<small>30-50</small> 26.8	<small>50+</small> 26.0
Phosphorus (P2), ppm	66	87	<small><14</small> 4.8	<small>14-29</small> 19.5	<small>29-44</small> 21.9	<small>44-74</small> 30.2	<small>74+</small> 23.7
Bicarbonate P, ppm	39	8	<small><5</small>	<small>5-15</small>	<small>15-25</small>	<small>25-45</small> 50.0	<small>45+</small> 50.0
Potassium (K), ppm	142	64					
K, % Base Saturation	3.8	2.0	<small><0.93</small> 0.8	<small>0.93-1.83</small> 5.8	<small>1.84-3.67</small> 54.7	<small>3.68-5.50</small> 30.3	<small>5.50+</small> 9.0
Magnesium (Mg), ppm	249	131					
Mg, % Base Saturation	19.3	6.0	<small><5</small> 0.3	<small>5-10</small> 4.8	<small>10-15</small> 19.8	<small>15-25</small> 57.9	<small>25+</small> 17.2
Calcium (Ca), ppm	1372	788					
Ca, % Base Saturation	62.6	10.6	<small><45</small> 5.3	<small>45-55</small> 17.7	<small>55-75</small> 66.2	<small>75-85</small> 9.5	<small>85+</small> 1.4
pH (1:1)	6.4	0.6	<small><5.1</small> 1.1	<small>5.1-5.8</small> 14.2	<small>5.9-6.9</small> 67.2	<small>7.0-7.5</small> 15.0	<small>>7.5</small> 2.5
CEC, meq/100g	10.8	5.0	<small><3.1</small> 0.5	<small>3.1-8.0</small> 28.5	<small>8.1-15.0</small> 55.8	<small>15.1-25.0</small> 14.0	<small>>25.0</small> 1.2
Sulfur (S), ppm	9	11.9	<small><4</small> 1.3	<small>4-7</small> 42.1	<small>8-12</small> 46.5	<small>13-17</small> 7.3	<small>>17</small> 2.8
Zinc (Zn), ppm	3.8	4.0	<small><1.0</small>	<small>1.1-2.9</small> 56.1	<small>3.0-4.9</small> 26.4	<small>5.0-10.0</small> 13.4	<small>>10.0</small> 4.1
Manganese (Mn), ppm	44	19	<small><6</small> 1.4	<small>6-14</small> 5.5	<small>15-19</small> 8.8	<small>20-49</small> 49.3	<small>>49</small> 34.9
Iron (Fe), ppm	46	28		<small><5</small> 0.2	<small>5-9</small> 0.8	<small>10-50</small> 68.4	<small>>50</small> 30.5
Copper (Cu), ppm	1.6	1.6		<small><0.4</small> 1.5	<small>0.4-1.1</small> 37.9	<small>1.2-3.0</small> 52.5	<small>>3.0</small> 8.1
Boron (B), ppm	0.5	0.3	<small><0.4</small> 42.9	<small>0.4-0.5</small> 29.8	<small>0.6-1.2</small> 25.1	<small>1.3-2.5</small> 2.1	<small>>2.5</small> 0.1
Nitrate (NO ₃ -N), ppm	36.5	26.2	<small><5</small> 4.0	<small>5-9</small> 5.3	<small>10-19</small> 18.6	<small>20-39</small> 34.5	<small>>39</small> 37.5
Ammonium (NH ₄ -N), ppm	8.7	10.2	<small><5</small> 14.4	<small>5-9</small> 55.3	<small>10-19</small> 16.7	<small>20-39</small> 8.6	<small>>39</small> 5.1