



# Northern 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,%	3.5	5.2	<small>&lt;1.0</small> 1.7	<small>1.0-2.5</small> 44.3	<small>2.5-5.0</small> 46.8	<small>5.0-7.0</small> 3.5	<small>7.0+</small> 3.7
Phosphorus (P1), ppm	44	46	<small>&lt;10</small> 6.0	<small>10-20</small> 18.5	<small>20-30</small> 19.5	<small>30-50</small> 27.0	<small>50+</small> 29.0
Phosphorus (P2), ppm	64	70	<small>&lt;14</small> 4.5	<small>14-29</small> 20.4	<small>29-44</small> 21.4	<small>44-74</small> 28.0	<small>74+</small> 25.7
Bicarbonate P, ppm	46	25	<small>&lt;5</small>	<small>5-15</small> 10.9	<small>15-25</small> 10.9	<small>25-45</small> 27.3	<small>45+</small> 50.9
Potassium (K), ppm	140	62					
K, % Base Saturation	3.9	2.1	<small>&lt;0.94</small> 1.4	<small>0.94-1.85</small> 6.1	<small>1.86-3.70</small> 55.0	<small>3.71-5.56</small> 30.7	<small>5.56+</small> 7.8
Magnesium (Mg), ppm	263	140					
Mg, % Base Saturation	20.9	6.3	<small>&lt;5</small> 0.4	<small>5-10</small> 2.9	<small>10-15</small> 14.1	<small>15-25</small> 57.7	<small>25+</small> 24.9
Calcium (Ca), ppm	1362	913					
Ca, % Base Saturation	62.2	10.6	<small>&lt;45</small> 5.5	<small>45-55</small> 18.4	<small>55-75</small> 65.6	<small>75-85</small> 9.1	<small>85+</small> 1.5
pH (1:1)	6.5	0.6	<small>&lt;5.1</small> 0.6	<small>5.1-5.8</small> 11.9	<small>5.9-6.0</small> 65.7	<small>7.0-7.5</small> 18.1	<small>&gt;7.5</small> 3.6
CEC, meq/100g	10.7	5.5	<small>&lt;3.1</small> 2.0	<small>3.1-8.0</small> 30.7	<small>8.1-15.0</small> 50.7	<small>15.1-25.0</small> 15.4	<small>&gt;25.0</small> 1.3
Sulfur (S), ppm	8	30.2	<small>&lt;4</small> 1.4	<small>4-7</small> 62.3	<small>8-12</small> 31.4	<small>13-17</small> 3.3	<small>&gt;17</small> 1.4
Zinc (Zn), ppm	3.6	3.7	<small>&lt;1.0</small>	<small>1.1-2.9</small> 54.8	<small>3.0-4.9</small> 29.8	<small>5.0-10.0</small> 12.3	<small>&gt;10.0</small> 2.8
Manganese (Mn), ppm	36	15	<small>&lt;6</small> 3.6	<small>6-14</small> 8.2	<small>15-19</small> 13.1	<small>20-49</small> 57.9	<small>&gt;49</small> 16.9
Iron (Fe), ppm	45	30		<small>&lt;5</small> 0.3	<small>5-9</small> 0.9	<small>10-50</small> 68.8	<small>&gt;50</small> 30.1
Copper (Cu), ppm	1.5	1.4		<small>&lt;0.4</small> 0.4	<small>0.4-1.1</small> 42.2	<small>1.2-3.0</small> 51.7	<small>&gt;3.0</small> 5.6
Boron (B), ppm	0.4	0.3	<small>&lt;0.4</small> 48.2	<small>0.4-0.5</small> 26.8	<small>0.6-1.2</small> 22.7	<small>1.3-2.5</small> 1.9	<small>&gt;2.5</small> 0.2
Nitrate (NO <sub>3</sub> -N), ppm	21.8	20.1	<small>&lt;5</small> 14.2	<small>5-9</small> 15.3	<small>10-19</small> 24.6	<small>20-39</small> 31.6	<small>&gt;39</small> 14.3
Ammonium (NH <sub>4</sub> -N), ppm	4.8	8.4	<small>&lt;5</small> 69.6	<small>5-9</small> 22.0	<small>10-19</small> 5.5	<small>20-39</small> 2.3	<small>&gt;39</small> 0.6