

# Northern Indiana

## 2016 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	5.3	<small>&lt;1.0</small> 1.5	<small>1.0-2.5</small> 42.5	<small>2.5-5.0</small> 48.5	<small>5.0-7.0</small> 3.6	<small>7.0+</small> 3.9
Phosphorus (P1), ppm	45	47	<small>&lt;10</small> 6.0	<small>10-20</small> 18.9	<small>20-30</small> 19.4	<small>30-50</small> 26.7	<small>50+</small> 28.9
Phosphorus (P2), ppm	63	69	<small>&lt;14</small> 8.0	<small>14-29</small> 21.8	<small>29-44</small> 20.8	<small>44-74</small> 21.8	<small>74+</small> 27.6
Bicarbonate P, ppm	25	13	<small>&lt;5</small> 3.8	<small>5-15</small> 19.6	<small>15-25</small> 37.8	<small>25-45</small> 33.0	<small>45+</small> 5.8
Potassium (K), ppm	143	62					
K, % Base Saturation	3.9	2.1	<small>&lt;0.92</small> 2.0	<small>0.92-1.81</small> 5.7	<small>1.82-3.63</small> 54.0	<small>3.64-5.44</small> 31.7	<small>&gt;5.44</small> 8.3
Magnesium (Mg), ppm	268	140					
Mg, % Base Saturation	20.9	6.2	<small>&lt;5</small> 0.4	<small>5-10</small> 2.5	<small>10-15</small> 13.9	<small>15-25</small> 58.9	<small>25+</small> 24.3
Calcium (Ca), ppm	1399	942					
Ca, % Base Saturation	62.1	10.8	<small>&lt;45</small> 5.9	<small>45-55</small> 18.8	<small>55-75</small> 64.6	<small>75-85</small> 9.1	<small>85+</small> 1.6
pH (1:1)	6.5	0.6	<small>&lt;5.1</small> 0.8	<small>5.1-5.8</small> 12.3	<small>5.9-6.0</small> 65.6	<small>7.0-7.5</small> 17.3	<small>&gt;7.5</small> 4.0
CEC, meq/100g	11.0	5.7	<small>&lt;3.1</small> 1.5	<small>3.1-8.0</small> 29.0	<small>8.1-15.0</small> 51.7	<small>15.1-25.0</small> 16.2	<small>&gt;25.0</small> 1.6
Sulfur (S), ppm	8	22.6	<small>&lt;4</small> 3.2	<small>4-7</small> 60.6	<small>8-12</small> 30.8	<small>13-17</small> 3.3	<small>&gt;17</small> 2.0
Zinc (Zn), ppm	3.8	9.9	<small>&lt;1.0</small> 3.2	<small>1.1-2.9</small> 56.1	<small>3.0-4.9</small> 27.4	<small>5.0-10.0</small> 12.8	<small>&gt;10.0</small> 3.7
Manganese (Mn), ppm	35	16	<small>&lt;6</small> 4.4	<small>6-14</small> 10.1	<small>15-19</small> 14.3	<small>20-49</small> 55.6	<small>&gt;49</small> 15.5
Iron (Fe), ppm	46	31		<small>&lt;5</small> 0.3	<small>5-9</small> 1.1	<small>10-50</small> 67.5	<small>&gt;50</small> 31.0
Copper (Cu), ppm	1.6	1.2		<small>&lt;0.4</small> 0.2	<small>0.4-1.1</small> 39.8	<small>1.2-3.0</small> 53.0	<small>&gt;3.0</small> 7.0
Boron (B), ppm	0.4	0.3	<small>&lt;0.4</small> 57.4	<small>0.4-0.5</small> 22.3	<small>0.6-1.2</small> 18.3	<small>1.3-2.5</small> 1.8	<small>&gt;2.5</small> 0.2
Nitrate (NO <sub>3</sub> -N), ppm	27.7	24.6	<small>&lt;5</small> 10.2	<small>5-9</small> 14.4	<small>10-19</small> 19.1	<small>20-39</small> 32.7	<small>&gt;39</small> 23.7
Ammonium (NH <sub>4</sub> -N), ppm	6.4	9.8	<small>&lt;5</small> 53.6	<small>5-9</small> 33.5	<small>10-19</small> 7.6	<small>20-39</small> 3.6	<small>&gt;39</small> 1.7