

Northwest 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,%	3.9	6.1	<small><1.0</small> 1.7	<small>1.0-2.5</small> 42.7	<small>2.5-5.0</small> 45.1	<small>5.0-7.0</small> 5.4	<small>7.0+</small> 5.0
Phosphorus (P1), ppm	47	44	<small><10</small> 4.5	<small>10-20</small> 16.2	<small>20-30</small> 19.2	<small>30-50</small> 28.1	<small>50+</small> 31.9
Phosphorus (P2), ppm	59	50	<small><14</small> 3.3	<small>14-29</small> 18.5	<small>29-44</small> 23.6	<small>44-74</small> 31.4	<small>74+</small> 23.1
Bicarbonate P, ppm	42	17	<small><5</small>	<small>5-15</small> 5.0	<small>15-25</small> 20.0	<small>25-45</small> 15.0	<small>45+</small> 60.0
Potassium (K), ppm	140	60					
K, % Base Saturation	4.0	2.1	<small><0.93</small> 1.4	<small>0.93-1.85</small> 6.6	<small>1.86-3.70</small> 53.5	<small>3.71-5.55</small> 30.9	<small>>5.55</small> 8.5
Magnesium (Mg), ppm	260	143					
Mg, % Base Saturation	20.9	6.4	<small><5</small> 0.6	<small>5-10</small> 3.3	<small>10-15</small> 14.5	<small>15-25</small> 56.0	<small>25+</small> 25.6
Calcium (Ca), ppm	1334	1016					
Ca, % Base Saturation	60.5	10.7	<small><45</small> 6.9	<small>45-55</small> 22.8	<small>55-75</small> 61.5	<small>75-85</small> 7.6	<small>85+</small> 1.2
pH (1:1)	6.4	0.5	<small><5.1</small> 0.9	<small>5.1-5.8</small> 13.8	<small>5.9-6.0</small> 70.3	<small>7.0-7.5</small> 13.2	<small>>7.5</small> 1.8
CEC, meq/100g	10.7	6.0	<small><3.1</small> 2.3	<small>3.1-8.0</small> 33.2	<small>8.1-15.0</small> 46.5	<small>15.1-25.0</small> 16.6	<small>>25.0</small> 1.5
Sulfur (S), ppm	7	3.8	<small><4</small> 1.8	<small>4-7</small> 64.7	<small>8-12</small> 30.3	<small>13-17</small> 2.5	<small>>17</small> 0.7
Zinc (Zn), ppm	3.7	3.1	<small><1.0</small> 0.1	<small>1.1-2.9</small> 49.6	<small>3.0-4.9</small> 33.1	<small>5.0-10.0</small> 14.3	<small>>10.0</small> 2.8
Manganese (Mn), ppm	33	17	<small><6</small> 7.4	<small>6-14</small> 11.2	<small>15-19</small> 13.3	<small>20-49</small> 51.8	<small>>49</small> 16.2
Iron (Fe), ppm	46	31		<small><5</small> 0.3	<small>5-9</small> 0.8	<small>10-50</small> 68.9	<small>>50</small> 30.0
Copper (Cu), ppm	1.4	0.9		<small><0.4</small> 0.6	<small>0.4-1.1</small> 46.7	<small>1.2-3.0</small> 47.8	<small>>3.0</small> 4.9
Boron (B), ppm	0.4	0.3	<small><0.4</small> 56.4	<small>0.4-0.5</small> 25.4	<small>0.6-1.2</small> 16.8	<small>1.3-2.5</small> 1.2	<small>>2.5</small> 0.1
Nitrate (NO ₃ -N), ppm	26.6	17.7	<small><5</small> 7.0	<small>5-9</small> 7.9	<small>10-19</small> 21.6	<small>20-39</small> 44.5	<small>>39</small> 18.9
Ammonium (NH ₄ -N), ppm	4.9	6.1	<small><5</small> 68.4	<small>5-9</small> 20.5	<small>10-19</small> 7.3	<small>20-39</small> 3.3	<small>>39</small> 0.5