

Northwest Indiana

2018 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,%	3.7	5.4	<small><1.0</small> 1.3	<small>1.0-2.5</small> 43.3	<small>2.5-5.0</small> 45.5	<small>5.0-7.0</small> 5.6	<small>7.0+</small> 4.3
Phosphorus (P1), ppm	49	48	<small><10</small> 4.5	<small>10-20</small> 16.2	<small>20-30</small> 18.3	<small>30-50</small> 27.6	<small>50+</small> 33.4
Phosphorus (P2), ppm	57	75	<small><14</small> 4.7	<small>14-29</small> 22.7	<small>29-44</small> 22.5	<small>44-74</small> 28.8	<small>74+</small> 21.2
Bicarbonate P, ppm	62	19	<small><5</small>	<small>5-15</small>	<small>15-25</small>	<small>25-45</small> 25.0	<small>45+</small> 75.0
Potassium (K), ppm	145	62					
K, % Base Saturation	4.0	2.1	<small><0.92</small> 1.0	<small>0.92-1.83</small> 5.6	<small>1.84-3.65</small> 51.9	<small>3.66-5.48</small> 32.5	<small>5.49+</small> 9.7
Magnesium (Mg), ppm	262	142					
Mg, % Base Saturation	20.6	6.2	<small><5</small> 0.6	<small>5-10</small> 3.5	<small>10-15</small> 14.7	<small>15-25</small> 57.7	<small>25+</small> 23.5
Calcium (Ca), ppm	1359	920					
Ca, % Base Saturation	61.1	10.8	<small><45</small> 6.0	<small>45-55</small> 22.0	<small>55-75</small> 62.2	<small>75-85</small> 8.4	<small>85+</small> 1.4
pH (1:1)	6.4	0.5	<small><5.1</small> 0.8	<small>5.1-5.8</small> 13.1	<small>5.9-6.0</small> 71.1	<small>7.0-7.5</small> 13.3	<small>>7.5</small> 1.7
CEC, meq/100g	10.8	5.8	<small><3.1</small> 1.5	<small>3.1-8.0</small> 31.5	<small>8.1-15.0</small> 49.2	<small>15.1-25.0</small> 16.0	<small>>25.0</small> 1.8
Sulfur (S), ppm	8	5.7	<small><4</small> 1.5	<small>4-7</small> 52.2	<small>8-12</small> 38.5	<small>13-17</small> 5.9	<small>>17</small> 1.9
Zinc (Zn), ppm	4.0	4.7	<small><1.0</small> 0.1	<small>1.1-2.9</small> 47.4	<small>3.0-4.9</small> 31.8	<small>5.0-10.0</small> 15.9	<small>>10.0</small> 4.7
Manganese (Mn), ppm	31	19	<small><6</small> 8.8	<small>6-14</small> 16.5	<small>15-19</small> 13.8	<small>20-49</small> 44.3	<small>>49</small> 16.6
Iron (Fe), ppm	50	34		<small><5</small> 0.4	<small>5-9</small> 0.8	<small>10-50</small> 62.2	<small>>50</small> 36.5
Copper (Cu), ppm	1.5	1.1		<small><0.4</small> 0.7	<small>0.4-1.1</small> 47.1	<small>1.2-3.0</small> 46.3	<small>>3.0</small> 5.8
Boron (B), ppm	0.4	0.3	<small><0.4</small> 58.9	<small>0.4-0.5</small> 23.8	<small>0.6-1.2</small> 16.0	<small>1.3-2.5</small> 1.3	<small>>2.5</small> 0.1
Nitrate (NO ₃ -N), ppm	32.0	26.3	<small><5</small> 5.1	<small>5-9</small> 10.3	<small>10-19</small> 18.8	<small>20-39</small> 37.0	<small>>39</small> 28.8
Ammonium (NH ₄ -N), ppm	9.1	29.7	<small><5</small> 54.2	<small>5-9</small> 29.6	<small>10-19</small> 7.9	<small>20-39</small> 5.0	<small>>39</small> 3.4