

# Northwest Ohio

## 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,%	3.3	1.1	<small>&lt;1.0</small> 0.2	<small>1.0-2.5</small> 22.1	<small>2.5-5.0</small> 74.2	<small>5.0-7.0</small> 3.2	<small>7.0+</small> 0.4
Phosphorus (P1), ppm	36	36	<small>&lt;10</small> 6.5	<small>10-20</small> 24.0	<small>20-30</small> 24.7	<small>30-50</small> 25.9	<small>50+</small> 18.9
Phosphorus (P2), ppm	62	45	<small>&lt;14</small> 4.8	<small>14-29</small> 15.2	<small>29-44</small> 18.5	<small>44-74</small> 34.8	<small>74+</small> 26.8
Bicarbonate P, ppm	15	6	<small>&lt;5</small> 12.5	<small>5-15</small> 50.0	<small>15-25</small> 37.5	<small>25-45</small>	<small>45+</small>
Potassium (K), ppm	145	53					
K, % Base Saturation	3.2	1.4	<small>&lt;0.82</small> 0.5	<small>0.82-1.63</small> 4.4	<small>1.64-3.25</small> 55.9	<small>3.26-4.88</small> 34.3	<small>&gt;4.88</small> 5.2
Magnesium (Mg), ppm	304	125					
Mg, % Base Saturation	20.3	5.7	<small>&lt;5</small> 0.1	<small>5-10</small> 1.6	<small>10-15</small> 15.5	<small>15-25</small> 62.9	<small>25+</small> 19.8
Calcium (Ca), ppm	1612	757					
Ca, % Base Saturation	63.0	10.2	<small>&lt;45</small> 4.8	<small>45-55</small> 15.3	<small>55-75</small> 69.0	<small>75-85</small> 9.8	<small>85+</small> 1.2
pH (1:1)	6.5	0.6	<small>&lt;5.1</small> 0.6	<small>5.1-5.8</small> 13.4	<small>5.9-6.0</small> 66.9	<small>7.0-7.5</small> 15.7	<small>&gt;7.5</small> 3.5
CEC, meq/100g	12.6	4.4	<small>&lt;3.1</small> 0.4	<small>3.1-8.0</small> 13.1	<small>8.1-15.0</small> 58.5	<small>15.1-25.0</small> 27.5	<small>&gt;25.0</small> 0.5
Sulfur (S), ppm	9	34.4	<small>&lt;4</small> 0.3	<small>4-7</small> 45.8	<small>8-12</small> 48.0	<small>13-17</small> 3.8	<small>&gt;17</small> 2.1
Zinc (Zn), ppm	3.4	2.9	<small>&lt;1.0</small>	<small>1.1-2.9</small> 57.6	<small>3.0-4.9</small> 30.4	<small>5.0-10.0</small> 9.8	<small>&gt;10.0</small> 2.1
Manganese (Mn), ppm	29	13	<small>&lt;6</small> 1.3	<small>6-14</small> 15.5	<small>15-19</small> 29.3	<small>20-49</small> 48.4	<small>&gt;49</small> 5.4
Iron (Fe), ppm	55	26		<small>&lt;5</small> 0.1	<small>5-9</small> 0.4	<small>10-50</small> 49.1	<small>&gt;50</small> 50.3
Copper (Cu), ppm	2.3	1.3		<small>&lt;0.4</small>	<small>0.4-1.1</small> 10.0	<small>1.2-3.0</small> 70.2	<small>&gt;3.0</small> 19.8
Boron (B), ppm	0.6	0.3	<small>&lt;0.4</small> 20.0	<small>0.4-0.5</small> 24.5	<small>0.6-1.2</small> 51.2	<small>1.3-2.5</small> 4.2	<small>&gt;2.5</small> 0.1
Nitrate (NO <sub>3</sub> -N), ppm	25.2	18.7	<small>&lt;5</small> 3.4	<small>5-9</small> 6.7	<small>10-19</small> 33.0	<small>20-39</small> 40.8	<small>&gt;39</small> 16.2
Ammonium (NH <sub>4</sub> -N), ppm	6.5	7.4	<small>&lt;5</small> 47.4	<small>5-9</small> 35.5	<small>10-19</small> 11.8	<small>20-39</small> 3.9	<small>&gt;39</small> 1.3