



# Northwest Ohio

## 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,%	3.3	1.5	<small>(&lt;1.0)</small> 0.1	<small>(1.0-2.5)</small> 22.1	<small>(2.5-5.0)</small> 73.9	<small>(5.0-7.0)</small> 3.2	<small>(7.0+)</small> 0.6
Phosphorus (P1), ppm	37	36	<small>(&lt;10)</small> 7.8	<small>(10-20)</small> 24.2	<small>(20-30)</small> 22.7	<small>(30-50)</small> 25.0	<small>(50+)</small> 20.2
Phosphorus (P2), ppm	54	47	<small>(&lt;14)</small> 10.0	<small>(14-29)</small> 21.9	<small>(29-44)</small> 20.6	<small>(44-74)</small> 26.4	<small>(74+)</small> 21.2
Potassium (K), ppm	150	57					
K, % Base Saturation	3.1	1.3	<small>(&lt;0.79)</small> 0.6	<small>(0.79-1.56)</small> 4.2	<small>(1.57-3.12)</small> 52.4	<small>(3.13-4.68)</small> 37.2	<small>(&gt;4.68)</small> 6.0
Magnesium (Mg), ppm	321	134					
Mg, % Base Saturation	20.3	5.9	<small>(&lt;5)</small> 0.3	<small>(5-10)</small> 1.6	<small>(10-15)</small> 15.8	<small>(15-25)</small> 62.7	<small>(25+)</small> 19.6
Calcium (Ca), ppm	1730	906					
Ca, % Base Saturation	64.0	10.2	<small>(&lt;45)</small> 3.9	<small>(45-55)</small> 13.6	<small>(55-75)</small> 69.6	<small>(75-85)</small> 11.3	<small>(85+)</small> 1.5
pH (1:1)	6.5	0.6	<small>(&lt;5.1)</small> 0.4	<small>(5.1-5.8)</small> 11.5	<small>(5.9-6.0)</small> 66.8	<small>(7.0-7.5)</small> 17.7	<small>(&gt;7.5)</small> 3.6
CEC, meq/100g	13.3	4.9	<small>(&lt;3.1)</small> 0.3	<small>(3.1-8.0)</small> 11.0	<small>(8.1-15.0)</small> 54.3	<small>(15.1-25.0)</small> 33.6	<small>(&gt;25.0)</small> 0.8
Sulfur (S), ppm	10	23.6	<small>(&lt;4)</small> 0.4	<small>(4-7)</small> 42.8	<small>(8-12)</small> 48.8	<small>(13-17)</small> 4.9	<small>(&gt;17)</small> 3.1
Zinc (Zn), ppm	3.4	2.6	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 55.7	<small>(3.0-4.9)</small> 32.6	<small>(5.0-10.0)</small> 9.9	<small>(&gt;10.0)</small> 1.8
Manganese (Mn), ppm	28	13	<small>(&lt;6)</small> 1.7	<small>(6-14)</small> 18.5	<small>(15-19)</small> 29.2	<small>(20-49)</small> 45.8	<small>(&gt;49)</small> 4.8
Iron (Fe), ppm	57	27		<small>(&lt;5)</small> 0.1	<small>(5-9)</small> 0.3	<small>(10-50)</small> 46.4	<small>(&gt;50)</small> 53.2
Copper (Cu), ppm	2.4	1.3		<small>(&lt;0.4)</small>	<small>(0.4-1.1)</small> 8.8	<small>(1.2-3.0)</small> 66.9	<small>(&gt;3.0)</small> 24.2
Boron (B), ppm	0.7	0.4	<small>(&lt;0.4)</small> 18.0	<small>(0.4-0.5)</small> 22.1	<small>(0.6-1.2)</small> 54.0	<small>(1.3-2.5)</small> 5.7	<small>(&gt;2.5)</small> 0.2
Nitrate (NO <sub>3</sub> -N), ppm	28.6	19.8	<small>(&lt;5)</small> 6.0	<small>(5-9)</small> 12.1	<small>(10-19)</small> 16.8	<small>(20-39)</small> 38.8	<small>(&gt;39)</small> 26.3
Ammonium (NH <sub>4</sub> -N), ppm	14.7	82.5	<small>(&lt;5)</small> 54.5	<small>(5-9)</small> 35.5	<small>(10-19)</small> 6.6	<small>(20-39)</small> 0.8	<small>(&gt;39)</small> 2.5