



Northwest Ohio

2020 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,%	3.4	1.8	<small>(<1.0)</small> 0.3	<small>(1.0-2.5)</small> 21.1	<small>(2.5-5.0)</small> 74.3	<small>(5.0-7.0)</small> 3.5	<small>(7.0+)</small> 0.8
Phosphorus (P1), ppm	36	36	<small>(<10)</small> 7.2	<small>(10-20)</small> 25.4	<small>(20-30)</small> 24.3	<small>(30-50)</small> 25.0	<small>(50+)</small> 18.2
Phosphorus (P2), ppm	60	46	<small>(<14)</small> 4.4	<small>(14-29)</small> 16.7	<small>(29-44)</small> 21.5	<small>(44-74)</small> 32.3	<small>(74+)</small> 25.2
Potassium (K), ppm	141	53					
K, % Base Saturation	3.0	1.3	<small>(<0.82)</small> 0.4	<small>(0.82-1.61)</small> 5.2	<small>(1.62-3.23)</small> 58.5	<small>(3.24-4.84)</small> 32.0	<small>(>4.84)</small> 4.2
Magnesium (Mg), ppm	305	129					
Mg, % Base Saturation	20.0	5.6	<small>(<5)</small> 0.2	<small>(5-10)</small> 2.0	<small>(10-15)</small> 15.6	<small>(15-25)</small> 64.0	<small>(25+)</small> 18.2
Calcium (Ca), ppm	1639	770					
Ca, % Base Saturation	63.5	10.3	<small>(<45)</small> 4.2	<small>(45-55)</small> 14.7	<small>(55-75)</small> 68.7	<small>(75-85)</small> 11.1	<small>(85+)</small> 1.4
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 13.1	<small>(5.9-6.9)</small> 66.2	<small>(7.0-7.5)</small> 16.2	<small>(>7.5)</small> 3.9
CEC, meq/100g	12.7	4.5	<small>(<3.1)</small> 0.3	<small>(3.1-8.0)</small> 12.8	<small>(8.1-15.0)</small> 58.4	<small>(15.1-25.0)</small> 27.8	<small>(>25.0)</small> 0.7
Sulfur (S), ppm	9	18.1	<small>(<4)</small> 1.2	<small>(4-7)</small> 42.4	<small>(8-12)</small> 48.2	<small>(13-17)</small> 5.6	<small>(>17)</small> 2.7
Zinc (Zn), ppm	3.3	2.9	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 57.5	<small>(3.0-4.9)</small> 32.6	<small>(5.0-10.0)</small> 8.4	<small>(>10.0)</small> 1.5
Manganese (Mn), ppm	27	13	<small>(<6)</small> 1.8	<small>(6-14)</small> 19.2	<small>(15-19)</small> 28.0	<small>(20-49)</small> 46.9	<small>(>49)</small> 4.1
Iron (Fe), ppm	54	24		<small>(<5)</small>	<small>(5-9)</small> 0.2	<small>(10-50)</small> 51.4	<small>(>50)</small> 48.4
Copper (Cu), ppm	2.4	1.1		<small>(<0.4)</small>	<small>(0.4-1.1)</small> 8.3	<small>(1.2-3.0)</small> 70.6	<small>(>3.0)</small> 21.1
Boron (B), ppm	0.6	0.4	<small>(<0.4)</small> 20.0	<small>(0.4-0.5)</small> 23.8	<small>(0.6-1.2)</small> 51.9	<small>(1.3-2.5)</small> 4.1	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	18.9	19.0	<small>(<5)</small> 5.4	<small>(5-9)</small> 33.9	<small>(10-19)</small> 25.3	<small>(20-39)</small> 23.7	<small>(>39)</small> 11.8
Ammonium (NH ₄ -N), ppm	7.3	16.0	<small>(<5)</small> 32.5	<small>(5-9)</small> 54.2	<small>(10-19)</small> 9.6	<small>(20-39)</small> 1.2	<small>(>39)</small> 2.4