



Northwest Ohio

2022 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	1.6	<small>(<1.0)</small> 0.2	<small>(1.0-2.5)</small> 20.9	<small>(2.5-5.0)</small> 73.9	<small>(5.0-7.0)</small> 4.2	<small>(7.0+)</small> 0.7
Phosphorus (P1), ppm	34	39	<small>(<10)</small> 8.1	<small>(10-20)</small> 26.6	<small>(20-30)</small> 24.1	<small>(30-50)</small> 24.3	<small>(50+)</small> 16.8
Phosphorus (P2), ppm	53	39	<small>(<14)</small> 6.5	<small>(14-29)</small> 18.9	<small>(29-44)</small> 22.4	<small>(44-74)</small> 33.1	<small>(74+)</small> 19.1
Potassium (K), ppm	142	55					
K, % Base Saturation	3.1	1.2	<small>(<0.82)</small> 0.4	<small>(0.82-1.62)</small> 4.8	<small>(1.63-3.25)</small> 58.1	<small>(3.26-4.87)</small> 32.3	<small>(>4.87)</small> 4.7
Magnesium (Mg), ppm	301	124					
Mg, % Base Saturation	20.0	5.7	<small>(<5)</small> 0.2	<small>(5-10)</small> 1.7	<small>(10-15)</small> 16.5	<small>(15-25)</small> 62.8	<small>(25+)</small> 18.7
Calcium (Ca), ppm	1639	798					
Ca, % Base Saturation	64.0	10.0	<small>(<45)</small> 3.5	<small>(45-55)</small> 13.6	<small>(55-75)</small> 70.4	<small>(75-85)</small> 10.9	<small>(85+)</small> 1.5
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.6	<small>(5.1-5.8)</small> 12.2	<small>(5.9-6.9)</small> 64.7	<small>(7.0-7.5)</small> 17.6	<small>(>7.5)</small> 5.0
CEC, meq/100g	12.6	4.5	<small>(<3.1)</small> 0.2	<small>(3.1-8.0)</small> 11.8	<small>(8.1-15.0)</small> 62.1	<small>(15.1-25.0)</small> 25.3	<small>(>25.0)</small> 0.6
Sulfur (S), ppm	10	14.9	<small>(<4)</small> 0.7	<small>(4-7)</small> 30.6	<small>(8-12)</small> 58.8	<small>(13-17)</small> 6.8	<small>(>17)</small> 3.1
Zinc (Zn), ppm	3.3	3.1	<small>(<1.0)</small> 0.0	<small>(1.1-2.9)</small> 60.8	<small>(3.0-4.9)</small> 29.1	<small>(5.0-10.0)</small> 8.4	<small>(>10.0)</small> 1.6
Manganese (Mn), ppm	29	13	<small>(<6)</small> 0.8	<small>(6-14)</small> 15.1	<small>(15-19)</small> 29.8	<small>(20-49)</small> 49.6	<small>(>49)</small> 4.6
Iron (Fe), ppm	59	26		<small>(<5)</small> 0.0	<small>(5-9)</small> 0.1	<small>(10-50)</small> 44.1	<small>(>50)</small> 55.8
Copper (Cu), ppm	2.4	1.1		<small>(<0.4)</small> 0.1	<small>(0.4-1.1)</small> 10.3	<small>(1.2-3.0)</small> 67.3	<small>(>3.0)</small> 22.2
Boron (B), ppm	0.7	0.4	<small>(<0.4)</small> 17.5	<small>(0.4-0.5)</small> 24.6	<small>(0.6-1.2)</small> 52.7	<small>(1.3-2.5)</small> 5.0	<small>(>2.5)</small> 0.2
Nitrate (NO3-N), ppm	17.3	13.8	<small>(<5)</small> 3.6	<small>(5-9)</small> 19.3	<small>(10-19)</small> 47.0	<small>(20-39)</small> 25.3	<small>(>39)</small> 4.8
Ammonium (NH4-N), ppm	5.3	6.2	<small>(<5)</small> 14.1	<small>(5-9)</small> 80.8	<small>(10-19)</small> 2.6	<small>(20-39)</small> 1.3	<small>(>39)</small> 1.3