



Northern 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	2.1	<small>(<1.0)</small> 0.2	<small>(1.0-2.5)</small> 21.2	<small>(2.5-5.0)</small> 73.5	<small>(5.0-7.0)</small> 4.0	<small>(7.0+)</small> 1.1
Phosphorus (P1), ppm	35	36	<small>(<10)</small> 8.2	<small>(10-20)</small> 25.5	<small>(20-30)</small> 23.9	<small>(30-50)</small> 24.7	<small>(50+)</small> 17.7
Phosphorus (P2), ppm	60	50	<small>(<14)</small> 5.0	<small>(14-29)</small> 17.2	<small>(29-44)</small> 21.2	<small>(44-74)</small> 31.4	<small>(74+)</small> 25.1
Bicarbonate P, ppm	45	1	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 50.0	<small>(45+)</small> 50.0
Potassium (K), ppm	139	55					
K, % Base Saturation	3.1	1.3	<small>(<0.84)</small> 0.5	<small>(0.84-1.65)</small> 6.4	<small>(1.66-3.30)</small> 58.1	<small>(3.31-4.96)</small> 30.9	<small>(>4.96)</small> 4.4
Magnesium (Mg), ppm	296	126					
Mg, % Base Saturation	20.1	5.7	<small>(<5)</small> 0.3	<small>(5-10)</small> 2.2	<small>(10-15)</small> 15.2	<small>(15-25)</small> 63.6	<small>(25+)</small> 18.7
Calcium (Ca), ppm	1587	807					
Ca, % Base Saturation	63.3	10.3	<small>(<45)</small> 4.3	<small>(45-55)</small> 15.0	<small>(55-75)</small> 68.7	<small>(75-85)</small> 10.4	<small>(85+)</small> 1.6
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 13.3	<small>(5.9-6.9)</small> 66.5	<small>(7.0-7.5)</small> 16.0	<small>(>7.5)</small> 3.6
CEC, meq/100g	12.3	4.7	<small>(<3.1)</small> 0.3	<small>(3.1-8.0)</small> 15.3	<small>(8.1-15.0)</small> 59.3	<small>(15.1-25.0)</small> 24.4	<small>(>25.0)</small> 0.7
Sulfur (S), ppm	9	15.8	<small>(<4)</small> 1.5	<small>(4-7)</small> 45.0	<small>(8-12)</small> 45.9	<small>(13-17)</small> 5.2	<small>(>17)</small> 2.4
Zinc (Zn), ppm	3.2	3.5	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 61.0	<small>(3.0-4.9)</small> 29.9	<small>(5.0-10.0)</small> 7.7	<small>(>10.0)</small> 1.5
Manganese (Mn), ppm	30	14	<small>(<6)</small> 1.8	<small>(6-14)</small> 16.3	<small>(15-19)</small> 25.2	<small>(20-49)</small> 49.0	<small>(>49)</small> 7.6
Iron (Fe), ppm	52	24		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.3	<small>(10-50)</small> 53.9	<small>(>50)</small> 45.7
Copper (Cu), ppm	2.3	1.1		<small>(<0.4)</small> 0.1	<small>(0.4-1.1)</small> 12.2	<small>(1.2-3.0)</small> 68.7	<small>(>3.0)</small> 19.0
Boron (B), ppm	0.6	0.4	<small>(<0.4)</small> 26.6	<small>(0.4-0.5)</small> 24.4	<small>(0.6-1.2)</small> 45.1	<small>(1.3-2.5)</small> 3.8	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	21.7	19.8	<small>(<5)</small> 5.8	<small>(5-9)</small> 27.6	<small>(10-19)</small> 23.0	<small>(20-39)</small> 27.6	<small>(>39)</small> 16.0
Ammonium (NH ₄ -N), ppm	6.5	13.8	<small>(<5)</small> 31.9	<small>(5-9)</small> 57.5	<small>(10-19)</small> 8.0	<small>(20-39)</small> 0.9	<small>(>39)</small> 1.8