

Northern 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>(<1.0)</small> 0.1	<small>(1.0-2.5)</small> 21.8	<small>(2.5-5.0)</small> 74.0	<small>(5.0-7.0)</small> 3.4	<small>(7.0+)</small> 0.7
Phosphorus (P1), ppm	36	37	<small>(<10)</small> 8.7	<small>(10-20)</small> 24.8	<small>(20-30)</small> 22.5	<small>(30-50)</small> 24.5	<small>(50+)</small> 19.5
Phosphorus (P2), ppm	56	54	<small>(<14)</small> 10.3	<small>(14-29)</small> 22.1	<small>(29-44)</small> 19.9	<small>(44-74)</small> 25.7	<small>(74+)</small> 21.9
Potassium (K), ppm	148	60					
K, % Base Saturation	3.2	1.4	<small>(<0.81)</small> 0.6	<small>(0.81-1.60)</small> 5.0	<small>(1.61-3.19)</small> 52.7	<small>(3.20-4.79)</small> 35.7	<small>(>4.79)</small> 6.4
Magnesium (Mg), ppm	313	135					
Mg, % Base Saturation	20.4	5.9	<small>(<5)</small> 0.3	<small>(5-10)</small> 1.7	<small>(10-15)</small> 15.4	<small>(15-25)</small> 62.5	<small>(25+)</small> 20.1
Calcium (Ca), ppm	1672	891					
Ca, % Base Saturation	63.6	10.4	<small>(<45)</small> 4.4	<small>(45-55)</small> 14.2	<small>(55-75)</small> 68.9	<small>(75-85)</small> 11.0	<small>(85+)</small> 1.5
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.5	<small>(5.1-5.8)</small> 12.0	<small>(5.9-6.0)</small> 66.4	<small>(7.0-7.5)</small> 17.7	<small>(>7.5)</small> 3.4
CEC, meq/100g	12.9	4.9	<small>(<3.1)</small> 0.3	<small>(3.1-8.0)</small> 13.6	<small>(8.1-15.0)</small> 54.6	<small>(15.1-25.0)</small> 30.7	<small>(>25.0)</small> 0.8
Sulfur (S), ppm	9	22.3	<small>(<4)</small> 0.6	<small>(4-7)</small> 44.3	<small>(8-12)</small> 47.5	<small>(13-17)</small> 4.6	<small>(>17)</small> 2.9
Zinc (Zn), ppm	3.4	2.8	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 57.6	<small>(3.0-4.9)</small> 31.4	<small>(5.0-10.0)</small> 9.3	<small>(>10.0)</small> 1.8
Manganese (Mn), ppm	29	15	<small>(<6)</small> 1.6	<small>(6-14)</small> 16.7	<small>(15-19)</small> 27.3	<small>(20-49)</small> 46.7	<small>(>49)</small> 7.7
Iron (Fe), ppm	56	27		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.3	<small>(10-50)</small> 49.7	<small>(>50)</small> 49.9
Copper (Cu), ppm	2.3	1.3		<small>(<0.4)</small>	<small>(0.4-1.1)</small> 12.2	<small>(1.2-3.0)</small> 66.2	<small>(>3.0)</small> 21.6
Boron (B), ppm	0.7	0.4	<small>(<0.4)</small> 21.6	<small>(0.4-0.5)</small> 22.2	<small>(0.6-1.2)</small> 50.5	<small>(1.3-2.5)</small> 5.5	<small>(>2.5)</small> 0.2
Nitrate (NO ₃ -N), ppm	28.0	19.9	<small>(<5)</small> 6.3	<small>(5-9)</small> 12.9	<small>(10-19)</small> 18.0	<small>(20-39)</small> 37.1	<small>(>39)</small> 25.8
Ammonium (NH ₄ -N), ppm	13.5	76.5	<small>(<5)</small> 51.1	<small>(5-9)</small> 39.0	<small>(10-19)</small> 6.4	<small>(20-39)</small> 1.4	<small>(>39)</small> 2.1