



Northern Wisconsin

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,%	2.9	3.5	<small>(<1.0)</small> 20.8	<small>(1.0-2.5)</small> 34.2	<small>(2.5-5.0)</small> 37.7	<small>(5.0-7.0)</small> 3.8	<small>(7.0+)</small> 3.5
Phosphorus (P1), ppm	89	85	<small>(<10)</small> 11.0	<small>(10-20)</small> 0.3	<small>(20-30)</small> 17.1	<small>(30-50)</small> 7.5	<small>(50+)</small> 53.9
Phosphorus (P2), ppm	10	3	<small>(<14)</small> 100.0	<small>(14-29)</small>	<small>(29-44)</small>	<small>(44-74)</small>	<small>(74+)</small>
Potassium (K), ppm	136	175					
K, % Base Saturation	4.1	4.7	<small>(<0.58)</small> 9.0	<small>(0.58-1.14)</small> 11.2	<small>(1.15-2.28)</small> 40.0	<small>(2.29-3.43)</small> 32.3	<small>(>3.43)</small> 9.1
Magnesium (Mg), ppm	265	413					
Mg, % Base Saturation	24.6	10.4	<small>(<5)</small> 0.8	<small>(5-10)</small> 9.0	<small>(10-15)</small> 15.5	<small>(15-25)</small> 23.5	<small>(25+)</small> 51.2
Calcium (Ca), ppm	1096	1104					
Ca, % Base Saturation	66.2	14.1	<small>(<45)</small> 7.6	<small>(45-55)</small> 11.0	<small>(55-75)</small> 60.9	<small>(75-85)</small> 12.9	<small>(85+)</small> 7.7
pH (1:1)	6.8	0.8	<small>(<5.1)</small> 4.5	<small>(5.1-5.8)</small> 10.6	<small>(5.9-6.0)</small> 36.4	<small>(7.0-7.5)</small> 30.6	<small>(>7.5)</small> 17.9
CEC, meq/100g	20.5	14.9	<small>(<3.1)</small> 12.6	<small>(3.1-8.0)</small> 54.7	<small>(8.1-15.0)</small> 19.1	<small>(15.1-25.0)</small> 7.8	<small>(>25.0)</small> 5.7
Sulfur (S), ppm	25	56.8	<small>(<4)</small> 0.5	<small>(4-7)</small> 43.9	<small>(8-12)</small> 32.8	<small>(13-17)</small> 7.8	<small>(>17)</small> 14.9
Zinc (Zn), ppm	7.9	10.1	<small>(<1.0)</small> 2.0	<small>(1.1-2.9)</small> 37.8	<small>(3.0-4.9)</small> 15.1	<small>(5.0-10.0)</small> 13.6	<small>(>10.0)</small> 31.5
Manganese (Mn), ppm	31	27	<small>(<6)</small> 30.5	<small>(6-14)</small> 11.6	<small>(15-19)</small> 7.1	<small>(20-49)</small> 19.1	<small>(>49)</small> 31.7
Iron (Fe), ppm	46	26		<small>(<5)</small> 3.5	<small>(5-9)</small> 4.6	<small>(10-50)</small> 50.9	<small>(>50)</small> 40.9
Copper (Cu), ppm	2.1	1.9		<small>(<0.4)</small> 1.4	<small>(0.4-1.1)</small> 41.2	<small>(1.2-3.0)</small> 34.7	<small>(>3.0)</small> 22.8
Boron (B), ppm	0.5	0.8	<small>(<0.4)</small> 70.0	<small>(0.4-0.5)</small> 11.1	<small>(0.6-1.2)</small> 8.3	<small>(1.3-2.5)</small> 7.1	<small>(>2.5)</small> 3.5
Nitrate (NO ₃ -N), ppm	2.6	4.9	<small>(<5)</small> 90.3	<small>(5-9)</small> 6.5	<small>(10-19)</small>	<small>(20-39)</small> 3.2	<small>(>39)</small>
Ammonium (NH ₄ -N), ppm	12.6	23.5	<small>(<5)</small> 58.1	<small>(5-9)</small> 29.0	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small> 12.9