



Northern Wisconsin

2021 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,%	3.1	4.0	<small>(<1.0)</small> 15.7	<small>(1.0-2.5)</small> 27.8	<small>(2.5-5.0)</small> 49.2	<small>(5.0-7.0)</small> 5.1	<small>(7.0+)</small> 2.2
Phosphorus (P1), ppm	80	81	<small>(<10)</small> 8.8	<small>(10-20)</small> 0.1	<small>(20-30)</small> 18.0	<small>(30-50)</small> 6.3	<small>(50+)</small> 49.7
Phosphorus (P2), ppm	27	6	<small>(<14)</small>	<small>(14-29)</small> 50.0	<small>(29-44)</small> 50.0	<small>(44-74)</small>	<small>(74+)</small>
Potassium (K), ppm	123	82					
K, % Base Saturation	5.8	3.5	<small>(<0.86)</small> 3.9	<small>(0.86-1.70)</small> 10.3	<small>(1.71-3.40)</small> 52.5	<small>(3.41-5.10)</small> 22.2	<small>(5.10+)</small> 11.1
Magnesium (Mg), ppm	248	191					
Mg, % Base Saturation	21.2	5.6	<small>(<5)</small> 1.1	<small>(5-10)</small> 4.6	<small>(10-15)</small> 14.1	<small>(15-25)</small> 20.2	<small>(25+)</small> 60.0
Calcium (Ca), ppm	1022	603					
Ca, % Base Saturation	66.1	11.3	<small>(<45)</small> 5.3	<small>(45-55)</small> 4.1	<small>(55-75)</small> 73.9	<small>(75-85)</small> 12.9	<small>(85+)</small> 3.9
pH (1:1)	6.7	0.8	<small>(<5.1)</small> 4.8	<small>(5.1-5.8)</small> 10.4	<small>(5.9-6.9)</small> 38.5	<small>(7.0-7.5)</small> 34.6	<small>(>7.5)</small> 11.6
CEC, meq/100g	11.9	4.5	<small>(<3.1)</small> 8.4	<small>(3.1-8.0)</small> 48.5	<small>(8.1-15.0)</small> 37.7	<small>(15.1-25.0)</small> 5.1	<small>(>25.0)</small> 0.3
Sulfur (S), ppm	12	17.2	<small>(<4)</small> 4.0	<small>(4-7)</small> 31.7	<small>(8-12)</small> 41.2	<small>(13-17)</small> 9.5	<small>(>17)</small> 13.5
Zinc (Zn), ppm	8.0	7.4	<small>(<1.0)</small> 0.3	<small>(1.1-2.9)</small> 40.6	<small>(3.0-4.9)</small> 8.6	<small>(5.0-10.0)</small> 15.0	<small>(>10.0)</small> 35.4
Manganese (Mn), ppm	33	26	<small>(<6)</small> 26.2	<small>(6-14)</small> 15.3	<small>(15-19)</small> 2.6	<small>(20-49)</small> 19.6	<small>(>49)</small> 36.3
Iron (Fe), ppm	50	31		<small>(<5)</small> 2.6	<small>(5-9)</small> 3.7	<small>(10-50)</small> 50.7	<small>(>50)</small> 42.9
Copper (Cu), ppm	2.0	1.8		<small>(<0.4)</small> 6.6	<small>(0.4-1.1)</small> 35.2	<small>(1.2-3.0)</small> 37.2	<small>(>3.0)</small> 21.0
Boron (B), ppm	0.5	0.7	<small>(<0.4)</small> 69.5	<small>(0.4-0.5)</small> 14.1	<small>(0.6-1.2)</small> 10.7	<small>(1.3-2.5)</small> 2.9	<small>(>2.5)</small> 2.9