



Northern Wisconsin

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,%	2.8	2.4	<small>(<1.0)</small> 20.2	<small>(1.0-2.5)</small> 27.3	<small>(2.5-5.0)</small> 46.4	<small>(5.0-7.0)</small> 4.2	<small>(7.0+)</small> 1.9
Phosphorus (P1), ppm	88	81	<small>(<10)</small> 5.6	<small>(10-20)</small> 0.9	<small>(20-30)</small> 20.3	<small>(30-50)</small> 8.3	<small>(50+)</small> 54.3
Potassium (K), ppm	134	124					
K, % Base Saturation	6.5	6.2	<small>(<0.86)</small> 5.5	<small>(0.86-1.69)</small> 11.0	<small>(1.70-3.38)</small> 39.2	<small>(3.39-5.07)</small> 24.8	<small>(>5.07)</small> 19.6
Magnesium (Mg), ppm	135	92					
Mg, % Base Saturation	22.0	6.9	<small>(<5)</small> 2.5	<small>(5-10)</small> 8.4	<small>(10-15)</small> 18.2	<small>(15-25)</small> 34.8	<small>(25+)</small> 36.1
Calcium (Ca), ppm	755	567					
Ca, % Base Saturation	61.9	14.8	<small>(<45)</small> 11.5	<small>(45-55)</small> 7.2	<small>(55-75)</small> 59.8	<small>(75-85)</small> 17.6	<small>(85+)</small> 3.9
pH (1:1)	6.7	0.9	<small>(<5.1)</small> 7.8	<small>(5.1-5.8)</small> 12.5	<small>(5.9-6.9)</small> 30.6	<small>(7.0-7.5)</small> 34.6	<small>(>7.5)</small> 14.5
CEC, meq/100g	12.0	5.0	<small>(<3.1)</small> 17.8	<small>(3.1-8.0)</small> 61.7	<small>(8.1-15.0)</small> 16.6	<small>(15.1-25.0)</small> 3.5	<small>(>25.0)</small> 0.4
Sulfur (S), ppm	21	44.0	<small>(<4)</small>	<small>(4-7)</small> 37.2	<small>(8-12)</small> 27.5	<small>(13-17)</small> 16.9	<small>(>17)</small> 18.4
Zinc (Zn), ppm	3.5	3.6	<small>(<1.0)</small> 1.0	<small>(1.1-2.9)</small> 68.1	<small>(3.0-4.9)</small> 14.5	<small>(5.0-10.0)</small> 8.7	<small>(>10.0)</small> 7.7
Manganese (Mn), ppm	18	21	<small>(<6)</small> 39.6	<small>(6-14)</small> 26.1	<small>(15-19)</small> 10.1	<small>(20-49)</small> 12.1	<small>(>49)</small> 12.1
Iron (Fe), ppm	53	33		<small>(<5)</small> 2.9	<small>(5-9)</small> 5.8	<small>(10-50)</small> 44.9	<small>(>50)</small> 46.4
Copper (Cu), ppm	1.0	1.1		<small>(<0.4)</small> 10.6	<small>(0.4-1.1)</small> 63.3	<small>(1.2-3.0)</small> 24.2	<small>(>3.0)</small> 1.9
Boron (B), ppm	0.5	0.8	<small>(<0.4)</small> 73.9	<small>(0.4-0.5)</small> 5.3	<small>(0.6-1.2)</small> 12.6	<small>(1.3-2.5)</small> 4.3	<small>(>2.5)</small> 3.9