

Northern Wisconsin

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,%	2.5	1.9	<small>(<1.0)</small> 20.6	<small>(1.0-2.5)</small> 32.6	<small>(2.5-5.0)</small> 40.1	<small>(5.0-7.0)</small> 4.9	<small>(7.0+)</small> 1.8
Phosphorus (P1), ppm	97	83	<small>(<10)</small> 3.7	<small>(10-20)</small> 0.1	<small>(20-30)</small> 17.7	<small>(30-50)</small> 7.5	<small>(50+)</small> 61.0
Potassium (K), ppm	128	71					
K, % Base Saturation	5.1	2.9	<small>(<0.90)</small> 5.5	<small>(0.90-1.78)</small> 10.2	<small>(1.79-3.55)</small> 40.5	<small>(3.56-5.33)</small> 31.0	<small>(>5.33)</small> 14.2
Magnesium (Mg), ppm	197	190					
Mg, % Base Saturation	22.1	4.3	<small>(<5)</small> 0.5	<small>(5-10)</small> 4.7	<small>(10-15)</small> 16.7	<small>(15-25)</small> 25.8	<small>(25+)</small> 52.4
Calcium (Ca), ppm	806	503					
Ca, % Base Saturation	64.8	11.6	<small>(<45)</small> 7.1	<small>(45-55)</small> 5.8	<small>(55-75)</small> 71.5	<small>(75-85)</small> 13.1	<small>(85+)</small> 2.5
pH (1:1)	6.7	0.9	<small>(<5.1)</small> 5.5	<small>(5.1-5.8)</small> 13.8	<small>(5.9-6.9)</small> 35.0	<small>(7.0-7.5)</small> 26.5	<small>(>7.5)</small> 19.2
CEC, meq/100g	11.2	3.6	<small>(<3.1)</small> 10.3	<small>(3.1-8.0)</small> 67.3	<small>(8.1-16.0)</small> 17.6	<small>(16.1-25.0)</small> 4.6	<small>(>25.0)</small> 0.2
Sulfur (S), ppm	11	17.0	<small>(<4)</small> 5.7	<small>(4-7)</small> 33.4	<small>(8-12)</small> 41.6	<small>(13-17)</small> 14.2	<small>(>17)</small> 5.0
Zinc (Zn), ppm	8.2	7.8	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 46.1	<small>(3.0-4.9)</small> 6.9	<small>(5.0-10.0)</small> 10.4	<small>(>10.0)</small> 36.6
Manganese (Mn), ppm	30	28	<small>(<6)</small> 38.5	<small>(6-14)</small> 7.3	<small>(15-19)</small> 3.2	<small>(20-49)</small> 21.1	<small>(>49)</small> 30.0
Iron (Fe), ppm	49	28		<small>(<8)</small> 2.7	<small>(9-9)</small> 4.1	<small>(10-50)</small> 47.8	<small>(>50)</small> 45.4
Copper (Cu), ppm	2.3	2.1		<small>(<0.4)</small> 3.4	<small>(0.4-1.1)</small> 42.3	<small>(1.2-3.0)</small> 24.6	<small>(>3.0)</small> 29.7
Boron (B), ppm	0.3	0.4	<small>(<0.4)</small> 71.0	<small>(0.4-0.5)</small> 22.7	<small>(0.6-1.2)</small> 3.8	<small>(1.3-2.5)</small> 1.9	<small>(>2.5)</small> 0.6