



Northwest 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,%	2.2	1.6	<small>(<1.0)</small> 23.1	<small>(1.0-2.5)</small> 39.5	<small>(2.5-5.0)</small> 34.7	<small>(5.0-7.0)</small> 1.8	<small>(7.0+)</small> 1.0
Phosphorus (P1), ppm	100	88	<small>(<10)</small> 7.6	<small>(10-20)</small>	<small>(20-30)</small> 12.4	<small>(30-50)</small> 5.3	<small>(50+)</small> 60.5
Potassium (K), ppm	118	90					
K, % Base Saturation	6.3	3.4	<small>(<0.82)</small> 4.9	<small>(0.82-1.61)</small> 13.5	<small>(1.62-3.22)</small> 55.8	<small>(3.23-4.83)</small> 19.7	<small>(>4.83)</small> 6.1
Magnesium (Mg), ppm	237	174					
Mg, % Base Saturation	20.7	5.6	<small>(<5)</small> 1.2	<small>(5-10)</small> 4.7	<small>(10-15)</small> 14.6	<small>(15-25)</small> 20.4	<small>(25+)</small> 59.2
Calcium (Ca), ppm	993	573					
Ca, % Base Saturation	66.3	11.4	<small>(<45)</small> 5.4	<small>(45-55)</small> 4.2	<small>(55-75)</small> 73.1	<small>(75-85)</small> 13.3	<small>(85+)</small> 4.0
pH (1:1)	6.4	0.7	<small>(<5.1)</small> 7.1	<small>(5.1-5.8)</small> 14.3	<small>(5.9-6.9)</small> 52.4	<small>(7.0-7.5)</small> 24.4	<small>(>7.5)</small> 1.8
CEC, meq/100g	12.7	4.2	<small>(<3.1)</small> 8.7	<small>(3.1-8.0)</small> 49.3	<small>(8.1-15.0)</small> 38.4	<small>(15.1-25.0)</small> 3.5	<small>(>25.0)</small> 0.1
Sulfur (S), ppm	12	17.3	<small>(<4)</small> 4.1	<small>(4-7)</small> 31.3	<small>(8-12)</small> 41.4	<small>(13-17)</small> 9.6	<small>(>17)</small> 13.6
Zinc (Zn), ppm	8.1	7.4	<small>(<1.0)</small> 0.3	<small>(1.1-2.9)</small> 40.6	<small>(3.0-4.9)</small> 8.4	<small>(5.0-10.0)</small> 15.1	<small>(>10.0)</small> 35.7
Manganese (Mn), ppm	34	26	<small>(<6)</small> 26.4	<small>(6-14)</small> 15.4	<small>(15-19)</small> 2.0	<small>(20-49)</small> 19.7	<small>(>49)</small> 36.5
Iron (Fe), ppm	50	31		<small>(<5)</small> 2.6	<small>(5-9)</small> 3.5	<small>(10-50)</small> 50.7	<small>(>50)</small> 43.2
Copper (Cu), ppm	2.0	1.8		<small>(<0.4)</small> 6.7	<small>(0.4-1.1)</small> 35.1	<small>(1.2-3.0)</small> 37.1	<small>(>3.0)</small> 21.2
Boron (B), ppm	0.5	0.7	<small>(<0.4)</small> 69.3	<small>(0.4-0.5)</small> 14.2	<small>(0.6-1.2)</small> 10.7	<small>(1.3-2.5)</small> 2.9	<small>(>2.5)</small> 2.9