



Northwest 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,%	1.7	2.0	<small>(<1.0)</small> 37.3	<small>(1.0-2.5)</small> 48.9	<small>(2.5-5.0)</small> 10.4	<small>(5.0-7.0)</small> 2.0	<small>(7.0+)</small> 1.4
Phosphorus (P1), ppm	132	88	<small>(<10)</small> 0.9	<small>(10-20)</small> 0.5	<small>(20-30)</small> 9.7	<small>(30-50)</small> 7.3	<small>(50+)</small> 76.3
Potassium (K), ppm	117	158					
K, % Base Saturation	7.8	6.4	<small>(<0.86)</small> 9.7	<small>(0.86-1.71)</small> 19.1	<small>(1.72-3.41)</small> 47.0	<small>(3.42-5.12)</small> 18.6	<small>(5.12)</small> 5.6
Magnesium (Mg), ppm	124	76					
Mg, % Base Saturation	19.7	5.8	<small>(<5)</small> 2.7	<small>(5-10)</small> 7.9	<small>(10-15)</small> 19.0	<small>(15-25)</small> 34.7	<small>(25+)</small> 35.7
Calcium (Ca), ppm	680	416					
Ca, % Base Saturation	60.3	14.8	<small>(<45)</small> 12.2	<small>(45-55)</small> 7.6	<small>(55-75)</small> 59.5	<small>(75-85)</small> 17.8	<small>(85+)</small> 2.9
pH (1:1)	6.1	0.8	<small>(<5.1)</small> 14.8	<small>(5.1-5.8)</small> 23.2	<small>(5.9-6.9)</small> 48.0	<small>(7.0-7.5)</small> 12.3	<small>(>7.5)</small> 1.7
CEC, meq/100g	11.8	5.6	<small>(<3.1)</small> 18.8	<small>(3.1-8.0)</small> 64.7	<small>(8.1-15.0)</small> 14.0	<small>(15.1-25.0)</small> 2.3	<small>(>25.0)</small> 0.2
Sulfur (S), ppm	19	43.9	<small>(<4)</small>	<small>(4-7)</small> 40.5	<small>(8-12)</small> 30.0	<small>(13-17)</small> 16.8	<small>(>17)</small> 12.6
Zinc (Zn), ppm	3.5	3.8	<small>(<1.0)</small> 1.1	<small>(1.1-2.9)</small> 69.5	<small>(3.0-4.9)</small> 12.1	<small>(5.0-10.0)</small> 8.9	<small>(>10.0)</small> 8.4
Manganese (Mn), ppm	18	22	<small>(<6)</small> 43.2	<small>(6-14)</small> 26.8	<small>(15-19)</small> 5.3	<small>(20-49)</small> 11.6	<small>(>49)</small> 13.2
Iron (Fe), ppm	54	34		<small>(<5)</small> 2.6	<small>(5-9)</small> 5.3	<small>(10-50)</small> 43.2	<small>(>50)</small> 48.9
Copper (Cu), ppm	1.0	0.8		<small>(<0.4)</small> 8.9	<small>(0.4-1.1)</small> 63.2	<small>(1.2-3.0)</small> 26.3	<small>(>3.0)</small> 1.6
Boron (B), ppm	0.5	0.8	<small>(<0.4)</small> 78.4	<small>(0.4-0.5)</small> 4.7	<small>(0.6-1.2)</small> 9.5	<small>(1.3-2.5)</small> 3.2	<small>(>2.5)</small> 4.2