



Northwest 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,%	1.6	1.5	<small>(<1.0)</small> 37.1	<small>(1.0-2.5)</small> 51.3	<small>(2.5-5.0)</small> 9.3	<small>(5.0-7.0)</small> 1.2	<small>(7.0+)</small> 1.1
Phosphorus (P1), ppm	137	85	<small>(<10)</small> 0.8	<small>(10-20)</small> 0.2	<small>(20-30)</small> 9.4	<small>(30-50)</small> 5.8	<small>(50+)</small> 81.0
Potassium (K), ppm	114	62					
K, % Base Saturation	5.1	2.9	<small>(<0.90)</small> 9.5	<small>(0.90-1.78)</small> 13.3	<small>(1.79-3.55)</small> 41.6	<small>(3.56-5.33)</small> 31.4	<small>(5.33)</small> 6.4
Magnesium (Mg), ppm	138	74					
Mg, % Base Saturation	22.1	4.3	<small>(<5)</small> 0.5	<small>(5-10)</small> 5.5	<small>(10-15)</small> 19.1	<small>(15-25)</small> 28.2	<small>(25+)</small> 46.7
Calcium (Ca), ppm	673	331					
Ca, % Base Saturation	64.8	12.3	<small>(<45)</small> 8.2	<small>(45-55)</small> 6.3	<small>(55-75)</small> 68.1	<small>(75-85)</small> 14.6	<small>(85+)</small> 2.7
pH (1:1)	6.1	0.7	<small>(<5.1)</small> 9.4	<small>(5.1-5.8)</small> 23.4	<small>(5.9-6.9)</small> 56.0	<small>(7.0-7.5)</small> 10.6	<small>(>7.5)</small> 0.6
CEC, meq/100g	11.2	3.6	<small>(<3.1)</small> 11.4	<small>(3.1-8.0)</small> 76.6	<small>(8.1-15.0)</small> 10.6	<small>(15.1-25.0)</small> 1.4	<small>(>25.0)</small>
Sulfur (S), ppm	11	17.1	<small>(<4)</small> 5.8	<small>(4-7)</small> 34.0	<small>(8-12)</small> 42.3	<small>(13-17)</small> 13.5	<small>(>17)</small> 4.5
Zinc (Zn), ppm	8.3	7.9	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 45.2	<small>(3.0-4.9)</small> 7.1	<small>(5.0-10.0)</small> 10.6	<small>(>10.0)</small> 37.2
Manganese (Mn), ppm	30	28	<small>(<6)</small> 37.5	<small>(6-14)</small> 7.4	<small>(15-19)</small> 3.2	<small>(20-49)</small> 21.5	<small>(>49)</small> 30.4
Iron (Fe), ppm	48	28		<small>(<5)</small> 2.8	<small>(5-9)</small> 4.2	<small>(10-50)</small> 48.6	<small>(>50)</small> 44.4
Copper (Cu), ppm	2.3	2.1		<small>(<0.4)</small> 3.5	<small>(0.4-1.1)</small> 41.3	<small>(1.2-3.0)</small> 25.0	<small>(>3.0)</small> 30.2
Boron (B), ppm	0.4	0.4	<small>(<0.4)</small> 70.5	<small>(0.4-0.5)</small> 23.1	<small>(0.6-1.2)</small> 3.8	<small>(1.3-2.5)</small> 1.9	<small>(>2.5)</small> 0.6