



Northwest Wisconsin

2019 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,%	1.5	1.3	<small>(<1.0)</small> 38.1	<small>(1.0-2.5)</small> 50.2	<small>(2.5-5.0)</small> 9.2	<small>(5.0-7.0)</small> 1.6	<small>(7.0+)</small> 0.9
Phosphorus (P1), ppm	124	76	<small>(<10)</small> 2.3	<small>(10-20)</small> 0.3	<small>(20-30)</small> 9.1	<small>(30-50)</small> 5.6	<small>(50+)</small> 79.9
Phosphorus (P2), ppm	80	81	<small>(<14)</small> 30.0	<small>(14-29)</small> 20.0	<small>(29-44)</small> 10.0	<small>(44-74)</small>	<small>(74+)</small> 40.0
Potassium (K), ppm	107	61					
K, % Base Saturation	3.9	2.9	<small>(<1.02)</small> 7.6	<small>(1.02-2.02)</small> 15.4	<small>(2.03-4.04)</small> 46.7	<small>(4.05-6.07)</small> 27.5	<small>(>6.07)</small> 3.9
Magnesium (Mg), ppm	131	72					
Mg, % Base Saturation	20.4	6.9	<small>(<5)</small> 0.1	<small>(5-10)</small> 3.7	<small>(10-15)</small> 12.5	<small>(15-25)</small> 33.3	<small>(25+)</small> 50.4
Calcium (Ca), ppm	629	364					
Ca, % Base Saturation	63.5	10.0	<small>(<45)</small> 4.8	<small>(45-55)</small> 7.6	<small>(55-75)</small> 74.0	<small>(75-85)</small> 11.2	<small>(85+)</small> 2.4
pH (1:1)	6.2	0.7	<small>(<5.1)</small> 8.4	<small>(5.1-5.8)</small> 15.9	<small>(5.9-6.9)</small> 65.7	<small>(7.0-7.5)</small> 9.6	<small>(>7.5)</small> 0.4
CEC, meq/100g	9.6	3.4	<small>(<3.1)</small> 21.1	<small>(3.1-8.0)</small> 66.9	<small>(8.1-15.0)</small> 10.5	<small>(15.1-25.0)</small> 1.4	<small>(>25.0)</small>
Sulfur (S), ppm	8	12.0	<small>(<4)</small> 13.7	<small>(4-7)</small> 50.7	<small>(8-12)</small> 26.0	<small>(13-17)</small> 6.6	<small>(>17)</small> 3.0
Zinc (Zn), ppm	6.8	6.8	<small>(<1.0)</small> 0.3	<small>(1.1-2.9)</small> 44.9	<small>(3.0-4.9)</small> 10.1	<small>(5.0-10.0)</small> 16.2	<small>(>10.0)</small> 28.5
Manganese (Mn), ppm	29	27	<small>(<6)</small> 34.1	<small>(6-14)</small> 10.6	<small>(15-19)</small> 6.3	<small>(20-49)</small> 20.2	<small>(>49)</small> 28.9
Iron (Fe), ppm	47	30		<small>(<5)</small> 4.5	<small>(5-9)</small> 3.0	<small>(10-50)</small> 55.6	<small>(>50)</small> 36.9
Copper (Cu), ppm	2.0	2.8		<small>(<0.4)</small> 5.4	<small>(0.4-1.1)</small> 39.9	<small>(1.2-3.0)</small> 34.4	<small>(>3.0)</small> 20.2
Boron (B), ppm	0.3	0.5	<small>(<0.4)</small> 77.9	<small>(0.4-0.5)</small> 12.0	<small>(0.6-1.2)</small> 7.6	<small>(1.3-2.5)</small> 1.4	<small>(>2.5)</small> 1.1