



Northwest Wisconsin

2018 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> 36.4	<small>(1.0-2.5)</small> 49.4	<small>(2.5-5.0)</small> 11.5	<small>(5.0-7.0)</small> 1.4	<small>(7.0+)</small> 1.3
Phosphorus (P1), ppm	129	89	<small>(<10)</small> 0.9	<small>(10-20)</small> 0.4	<small>(20-30)</small> 12.0	<small>(30-50)</small> 5.3	<small>(50+)</small> 76.8
Phosphorus (P2), ppm	10	3	<small>(<14)</small> 100.0	<small>(14-29)</small>	<small>(29-44)</small>	<small>(44-74)</small>	<small>(74+)</small>
Potassium (K), ppm	119	88					
K, % Base Saturation	5.4	3.9	<small>(<0.80)</small> 5.0	<small>(0.80-1.59)</small> 15.5	<small>(1.60-3.18)</small> 41.8	<small>(3.19-4.77)</small> 31.7	<small>(>4.77)</small> 6.2
Magnesium (Mg), ppm	137	82					
Mg, % Base Saturation	18.4	5.5	<small>(<5)</small> 0.6	<small>(5-10)</small> 8.1	<small>(10-15)</small> 17.6	<small>(15-25)</small> 25.7	<small>(25+)</small> 47.9
Calcium (Ca), ppm	704	459					
Ca, % Base Saturation	67.1	14.0	<small>(<45)</small> 8.3	<small>(45-55)</small> 10.2	<small>(55-75)</small> 61.4	<small>(75-85)</small> 13.9	<small>(85+)</small> 6.2
pH (1:1)	6.3	0.7	<small>(<5.1)</small> 7.5	<small>(5.1-5.8)</small> 17.5	<small>(5.9-6.0)</small> 57.8	<small>(7.0-7.5)</small> 15.5	<small>(>7.5)</small> 1.7
CEC, meq/100g	13.0	5.1	<small>(<3.1)</small> 15.8	<small>(3.1-8.0)</small> 66.0	<small>(8.1-15.0)</small> 16.1	<small>(15.1-25.0)</small> 2.1	<small>(>25.0)</small>
Sulfur (S), ppm	12	23.1	<small>(<4)</small> 0.6	<small>(4-7)</small> 49.4	<small>(8-12)</small> 36.9	<small>(13-17)</small> 8.8	<small>(>17)</small> 4.3
Zinc (Zn), ppm	7.5	7.0	<small>(<1.0)</small> 2.3	<small>(1.1-2.9)</small> 40.8	<small>(3.0-4.9)</small> 11.6	<small>(5.0-10.0)</small> 11.0	<small>(>10.0)</small> 34.3
Manganese (Mn), ppm	31	27	<small>(<6)</small> 32.6	<small>(6-14)</small> 12.2	<small>(15-19)</small> 3.4	<small>(20-49)</small> 17.8	<small>(>49)</small> 34.0
Iron (Fe), ppm	46	27		<small>(<5)</small> 4.0	<small>(5-9)</small> 5.2	<small>(10-50)</small> 48.0	<small>(>50)</small> 42.8
Copper (Cu), ppm	2.2	2.0		<small>(<0.4)</small> 0.9	<small>(0.4-1.1)</small> 44.9	<small>(1.2-3.0)</small> 28.9	<small>(>3.0)</small> 25.2
Boron (B), ppm	0.4	0.5	<small>(<0.4)</small> 76.8	<small>(0.4-0.5)</small> 11.6	<small>(0.6-1.2)</small> 8.2	<small>(1.3-2.5)</small> 2.3	<small>(>2.5)</small> 1.1