



Northwest Wisconsin

2017 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	1.9	<small>(<1.0)</small> 33.8	<small>(1.0-2.5)</small> 50.6	<small>(2.5-5.0)</small> 13.2	<small>(5.0-7.0)</small> 1.7	<small>(7.0+)</small> 0.7
Phosphorus (P1), ppm	127	79	<small>(<10)</small> 1.5	<small>(10-20)</small> 0.2	<small>(20-30)</small> 9.2	<small>(30-50)</small> 4.2	<small>(50+)</small> 81.6
Phosphorus (P2), ppm	31	4	<small>(<14)</small>	<small>(14-29)</small> 25.0	<small>(29-44)</small> 75.0	<small>(44-74)</small>	<small>(74+)</small>
Potassium (K), ppm	112	68					
K, % Base Saturation	5.2	4.6	<small>(<1.02)</small> 6.8	<small>(1.02-2.01)</small> 12.0	<small>(2.02-4.03)</small> 51.7	<small>(4.04-6.04)</small> 26.9	<small>(>6.04)</small> 3.8
Magnesium (Mg), ppm	133	76					
Mg, % Base Saturation	21.1	5.2	<small>(<5)</small> 8.1	<small>(5-10)</small> 6.6	<small>(10-15)</small> 6.3	<small>(15-25)</small> 27.4	<small>(25+)</small> 51.6
Calcium (Ca), ppm	679	766					
Ca, % Base Saturation	61.6	18.6	<small>(<45)</small> 18.9	<small>(45-55)</small> 11.6	<small>(55-75)</small> 63.1	<small>(75-85)</small> 2.5	<small>(85+)</small> 4.0
pH (1:1)	6.2	0.7	<small>(<5.1)</small> 10.4	<small>(5.1-5.8)</small> 16.2	<small>(5.9-6.0)</small> 59.2	<small>(7.0-7.5)</small> 13.3	<small>(>7.5)</small> 0.9
CEC, meq/100g	9.6	3.9	<small>(<3.1)</small> 20.4	<small>(3.1-8.0)</small> 57.7	<small>(8.1-15.0)</small> 14.6	<small>(15.1-25.0)</small> 2.2	<small>(>25.0)</small> 5.0
Sulfur (S), ppm	12	14.1	<small>(<4)</small> 0.5	<small>(4-7)</small> 40.7	<small>(8-12)</small> 36.4	<small>(13-17)</small> 9.4	<small>(>17)</small> 12.9
Zinc (Zn), ppm	6.3	5.7	<small>(<1.0)</small> 1.3	<small>(1.1-2.9)</small> 45.0	<small>(3.0-4.9)</small> 10.8	<small>(5.0-10.0)</small> 14.6	<small>(>10.0)</small> 28.3
Manganese (Mn), ppm	29	25	<small>(<6)</small> 32.3	<small>(6-14)</small> 13.2	<small>(15-19)</small> 4.3	<small>(20-49)</small> 24.0	<small>(>49)</small> 26.1
Iron (Fe), ppm	50	34		<small>(<5)</small> 2.5	<small>(5-9)</small> 3.1	<small>(10-50)</small> 55.6	<small>(>50)</small> 38.8
Copper (Cu), ppm	1.9	1.5		<small>(<0.4)</small> 0.6	<small>(0.4-1.1)</small> 45.3	<small>(1.2-3.0)</small> 33.4	<small>(>3.0)</small> 20.6
Boron (B), ppm	0.4	0.5	<small>(<0.4)</small> 76.8	<small>(0.4-0.5)</small> 13.5	<small>(0.6-1.2)</small> 5.4	<small>(1.3-2.5)</small> 3.5	<small>(>2.5)</small> 0.8