



Northwest Wisconsin

2016 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,%	1.8	2.4	<small>(<1.0)</small> 30.2	<small>(1.0-2.5)</small> 55.5	<small>(2.5-5.0)</small> 10.3	<small>(5.0-7.0)</small> 2.2	<small>(7.0+)</small> 1.7
Phosphorus (P1), ppm	146	89	<small>(<10)</small> 0.6	<small>(10-20)</small> 0.1	<small>(20-30)</small> 7.7	<small>(30-50)</small> 5.6	<small>(50+)</small> 82.2
Potassium (K), ppm	120	83					
K, % Base Saturation	5.7	3.4	<small>(<0.84)</small> 9.7	<small>(0.84-1.65)</small> 14.5	<small>(1.66-3.30)</small> 37.9	<small>(3.31-4.95)</small> 32.4	<small>(>4.95)</small> 8.2
Magnesium (Mg), ppm	164	83					
Mg, % Base Saturation	19.1	7.0	<small>(<5)</small> 5.4	<small>(5-10)</small> 8.1	<small>(10-15)</small> 10.8	<small>(15-25)</small> 59.5	<small>(25+)</small> 16.2
Calcium (Ca), ppm	696	416					
Ca, % Base Saturation	65.0	14.6	<small>(<45)</small> 8.1	<small>(45-55)</small> 10.8	<small>(55-75)</small> 64.9	<small>(75-85)</small> 10.8	<small>(85+)</small> 5.4
pH (1:1)	6.2	0.7	<small>(<5.1)</small> 9.8	<small>(5.1-5.8)</small> 17.9	<small>(5.9-6.0)</small> 63.2	<small>(7.0-7.5)</small> 8.3	<small>(>7.5)</small> 0.8
CEC, meq/100g	12.3	4.6	<small>(<3.1)</small>	<small>(3.1-8.0)</small> 10.8	<small>(8.1-15.0)</small> 70.3	<small>(15.1-25.0)</small> 16.2	<small>(>25.0)</small> 2.7
Sulfur (S), ppm	10	12.0	<small>(<4)</small> 7.8	<small>(4-7)</small> 43.8	<small>(8-12)</small> 32.0	<small>(13-17)</small> 8.0	<small>(>17)</small> 8.5
Zinc (Zn), ppm	7.4	6.5	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 39.8	<small>(3.0-4.9)</small> 12.0	<small>(5.0-10.0)</small> 16.8	<small>(>10.0)</small> 31.5
Manganese (Mn), ppm	29	26	<small>(<6)</small> 36.0	<small>(6-14)</small> 9.3	<small>(15-19)</small> 6.5	<small>(20-49)</small> 21.3	<small>(>49)</small> 27.0
Iron (Fe), ppm	46	32		<small>(<5)</small> 5.3	<small>(5-9)</small> 4.4	<small>(10-50)</small> 51.2	<small>(>50)</small> 39.1
Copper (Cu), ppm	2.3	2.0		<small>(<0.4)</small> 0.6	<small>(0.4-1.1)</small> 40.3	<small>(1.2-3.0)</small> 33.5	<small>(>3.0)</small> 25.6
Boron (B), ppm	0.3	0.5	<small>(<0.4)</small> 86.0	<small>(0.4-0.5)</small> 6.5	<small>(0.6-1.2)</small> 5.8	<small>(1.3-2.5)</small> 0.5	<small>(>2.5)</small> 1.3