



Northern 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,%	2.9	3.2	<small><1.0</small> 14.1	<small>1.0-2.5</small> 36.6	<small>2.5-5.0</small> 39.8	<small>5.0-7.0</small> 6.8	<small>7.0+</small> 2.6
Phosphorus (P1), ppm	87	88	<small><10</small> 10.2	<small>10-20</small> 0.3	<small>20-30</small> 20.0	<small>30-50</small> 9.7	<small>50+</small> 48.1
Phosphorus (P2), ppm	114		<small><14</small>	<small>14-29</small>	<small>29-44</small>	<small>44-74</small>	<small>74+</small> 100.0
Bicarbonate P, ppm	33		<small><5</small>	<small>5-15</small>	<small>15-25</small>	<small>25-45</small> 100.0	<small>45+</small>
Potassium (K), ppm	123	77					
K, % Base Saturation	3.8	3.5	<small><0.43</small> 8.7	<small>0.43-0.83</small> 12.7	<small>0.84-1.67</small> 43.9	<small>1.68-2.50</small> 27.7	<small>>2.50</small> 11.0
Magnesium (Mg), ppm	293	266					
Mg, % Base Saturation	15.6	8.7	<small><5</small> 34.1	<small>5-10</small> 13.2	<small>10-15</small> 11.0	<small>15-25</small> 29.7	<small>25+</small> 12.1
Calcium (Ca), ppm	1303	2136					
Ca, % Base Saturation	74.6	17.5	<small><45</small> 27.5	<small>45-55</small> 5.5	<small>55-75</small> 35.2	<small>75-85</small> 6.6	<small>85+</small> 25.3
pH (1:1)	6.7	0.8	<small><5.1</small> 4.7	<small>5.1-5.8</small> 10.6	<small>5.9-6.0</small> 38.5	<small>7.0-7.5</small> 30.8	<small>>7.5</small> 15.5
CEC, meq/100g	34.3	34.9	<small><3.1</small> 4.4	<small>3.1-8.0</small> 5.5	<small>8.1-15.0</small> 31.9	<small>15.1-25.0</small> 7.7	<small>>25.0</small> 50.5
Sulfur (S), ppm	54	231.3	<small><4</small> 8.1	<small>4-7</small> 40.6	<small>8-12</small> 29.7	<small>13-17</small> 6.7	<small>>17</small> 14.9
Zinc (Zn), ppm	7.3	6.7	<small><1.0</small> 0.2	<small>1.1-2.9</small> 38.3	<small>3.0-4.9</small> 16.6	<small>5.0-10.0</small> 15.6	<small>>10.0</small> 29.3
Manganese (Mn), ppm	30	24	<small><6</small> 30.6	<small>6-14</small> 8.3	<small>15-19</small> 9.8	<small>20-49</small> 26.8	<small>>49</small> 24.5
Iron (Fe), ppm	43	30		<small><5</small> 5.0	<small>5-9</small> 4.0	<small>10-50</small> 57.0	<small>>50</small> 34.0
Copper (Cu), ppm	2.1	1.8		<small><0.4</small> 1.9	<small>0.4-1.1</small> 37.1	<small>1.2-3.0</small> 39.9	<small>>3.0</small> 21.1
Boron (B), ppm	1.1	4.9	<small><0.4</small> 74.6	<small>0.4-0.5</small> 6.7	<small>0.6-1.2</small> 12.3	<small>1.3-2.5</small> 1.5	<small>>2.5</small> 5.0
Nitrate (NO ₃ -N), ppm	20.7	19.3	<small><5</small> 7.7	<small>5-9</small> 28.8	<small>10-19</small> 26.9	<small>20-39</small> 19.2	<small>>39</small> 17.3
Ammonium (NH ₄ -N), ppm	5.8	5.3	<small><5</small> 58.1	<small>5-9</small> 27.9	<small>10-19</small> 11.6	<small>20-39</small> 2.3	<small>>39</small>