



Northeast 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,%	3.8	3.5	<small><1.0</small> 0.6	<small>1.0-2.5</small> 20.6	<small>2.5-5.0</small> 64.7	<small>5.0-7.0</small> 10.7	<small>7.0+</small> 3.4
Phosphorus (P1), ppm	36	47	<small><10</small> 18.4	<small>10-20</small> 0.4	<small>20-30</small> 30.4	<small>30-50</small> 13.2	<small>50+</small> 19.0
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	126	72					
K, % Base Saturation	1.3	1.4	<small><0.32</small> 7.8	<small>0.32-0.62</small> 11.2	<small>0.63-1.25</small> 49.0	<small>1.26-1.87</small> 23.6	<small>>1.87</small> 13.4
Magnesium (Mg), ppm	478	324					
Mg, % Base Saturation	11.0	8.5	<small><5</small> 53.7	<small>5-10</small> 16.7	<small>10-15</small> 11.1	<small>15-25</small> 9.3	<small>25+</small> 9.3
Calcium (Ca), ppm	2174	3094					
Ca, % Base Saturation	87.3	20.9	<small><45</small> 40.7	<small>45-55</small> 1.9	<small>55-75</small> 14.8	<small>75-85</small> 3.7	<small>85+</small> 38.9
pH (1:1)	7.2	0.6	<small><5.1</small> 0.4	<small>5.1-5.8</small> 4.3	<small>5.9-6.0</small> 17.5	<small>7.0-7.5</small> 49.9	<small>>7.5</small> 27.9
CEC, meq/100g	63.2	36.4	<small><3.1</small> 7.4	<small>3.1-8.0</small> 1.9	<small>8.1-15.0</small> 5.6	<small>15.1-25.0</small> 1.9	<small>>25.0</small> 83.3
Sulfur (S), ppm	239	487.8	<small><4</small> 9.5	<small>4-7</small> 27.4	<small>8-12</small> 20.0	<small>13-17</small> 1.1	<small>>17</small> 42.1
Zinc (Zn), ppm	6.9	7.8	<small><1.0</small> 1.2	<small>1.1-2.9</small> 30.9	<small>3.0-4.9</small> 39.5	<small>5.0-10.0</small> 9.9	<small>>10.0</small> 18.5
Manganese (Mn), ppm	33	13	<small><6</small> 3.7	<small>6-14</small> 3.7	<small>15-19</small> 25.9	<small>20-49</small> 54.3	<small>>49</small> 12.3
Iron (Fe), ppm	33	17		<small><5</small> 3.7	<small>5-9</small> 2.5	<small>10-50</small> 81.5	<small>>50</small> 12.3
Copper (Cu), ppm	1.6	0.8		<small><0.4</small> 7.4	<small>0.4-1.1</small> 23.5	<small>1.2-3.0</small> 66.7	<small>>3.0</small> 2.5
Boron (B), ppm	5.1	11.0	<small><0.4</small> 18.5	<small>0.4-0.5</small> 7.4	<small>0.6-1.2</small> 44.4	<small>1.3-2.5</small> 6.2	<small>>2.5</small> 23.5
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>