



Northeast 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,%	4.0	2.6	<small>(<1.0)</small> 0.3	<small>(1.0-2.5)</small> 12.7	<small>(2.5-5.0)</small> 70.9	<small>(5.0-7.0)</small> 11.4	<small>(7.0+)</small> 4.7
Phosphorus (P1), ppm	41	43	<small>(<10)</small> 15.4	<small>(10-20)</small>	<small>(20-30)</small> 24.2	<small>(30-50)</small> 7.6	<small>(50+)</small> 29.6
Potassium (K), ppm	133	70					
K, % Base Saturation	2.3	1.1	<small>(<0.92)</small> 1.2	<small>(0.92-1.82)</small> 8.2	<small>(1.83-3.63)</small> 49.7	<small>(3.64-5.45)</small> 27.1	<small>(5.45+)</small> 14.1
Magnesium (Mg), ppm	519	368					
Mg, % Base Saturation	10.1	5.1	<small>(<5)</small> 22.2	<small>(5-10)</small> 44.4	<small>(10-15)</small> 3.2	<small>(15-25)</small> 16.1	<small>(25+)</small> 14.0
Calcium (Ca), ppm	2048	1199					
Ca, % Base Saturation	72.9	28.5	<small>(<45)</small> 55.9	<small>(45-55)</small> 5.0	<small>(55-75)</small> 25.8	<small>(75-85)</small> 13.3	<small>(85+)</small>
pH (1:1)	7.1	0.6	<small>(<5.1)</small> 0.5	<small>(5.1-5.8)</small> 5.8	<small>(5.9-6.0)</small> 18.4	<small>(7.0-7.5)</small> 51.2	<small>(>7.5)</small> 24.1
CEC, meq/100g	10.9	1.2	<small>(<3.1)</small> 0.4	<small>(3.1-8.0)</small> 7.5	<small>(8.1-16.0)</small> 33.3	<small>(16.1-26.0)</small> 1.8	<small>(>26.0)</small> 57.0
Sulfur (S), ppm	17	13.4	<small>(<4)</small>	<small>(4-7)</small> 33.3	<small>(8-12)</small> 33.3	<small>(13-17)</small>	<small>(>17)</small> 33.3
Zinc (Zn), ppm	8.2	5.0	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 33.3	<small>(3.0-4.9)</small>	<small>(5.0-10.0)</small> 16.7	<small>(>10.0)</small> 50.0
Manganese (Mn), ppm	40	13	<small>(<6)</small>	<small>(6-14)</small>	<small>(15-19)</small> 33.3	<small>(20-49)</small> 33.3	<small>(>49)</small> 33.3
Iron (Fe), ppm	57	15		<small>(<5)</small>	<small>(5-9)</small>	<small>(10-50)</small> 33.3	<small>(>50)</small> 66.7
Copper (Cu), ppm	1.6	0.8		<small>(<0.4)</small>	<small>(0.4-1.1)</small> 33.3	<small>(1.2-3.0)</small> 66.7	<small>(>3.0)</small>
Boron (B), ppm	1.2	1.0	<small>(<0.4)</small> 33.3	<small>(0.4-0.5)</small>	<small>(0.6-1.2)</small> 33.3	<small>(1.3-2.5)</small> 33.3	<small>(>2.5)</small>
Nitrate (NO ₃ -N), ppm	3.5	1.8	<small>(<5)</small> 61.5	<small>(5-9)</small> 38.5	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>
Ammonium (NH ₄ -N), ppm	2.2	0.4	<small>(<5)</small> 100.0	<small>(5-9)</small>	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>