



# Northeast Wisconsin

## 2019 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,%	3.4	2.0	<small>(&lt;1.0)</small> 0.7	<small>(1.0-2.5)</small> 22.5	<small>(2.5-5.0)</small> 68.9	<small>(5.0-7.0)</small> 5.2	<small>(7.0+)</small> 2.7
Phosphorus (P1), ppm	44	45	<small>(&lt;10)</small> 11.3	<small>(10-20)</small>	<small>(20-30)</small> 27.7	<small>(30-50)</small> 7.9	<small>(50+)</small> 29.8
Phosphorus (P2), ppm	46		<small>(&lt;14)</small>	<small>(14-29)</small>	<small>(29-44)</small>	<small>(44-74)</small> 100.0	<small>(74+)</small>
Potassium (K), ppm	135	58					
K, % Base Saturation	3.0	1.6	<small>(&lt;1.25)</small> 1.0	<small>(1.25-2.48)</small> 5.6	<small>(2.49-4.96)</small> 40.2	<small>(4.97-7.44)</small> 34.2	<small>(&gt;7.44)</small> 19.3
Magnesium (Mg), ppm	397	278					
Mg, % Base Saturation	13.9	5.5	<small>(&lt;5)</small>	<small>(5-10)</small> 0.5	<small>(10-15)</small> 9.1	<small>(15-25)</small> 7.0	<small>(25+)</small> 83.4
Calcium (Ca), ppm	1283	621					
Ca, % Base Saturation	80.0	9.4	<small>(&lt;45)</small> 1.6	<small>(45-55)</small> 4.8	<small>(55-75)</small> 84.5	<small>(75-85)</small> 4.3	<small>(85+)</small> 4.8
pH (1:1)	7.2	0.5	<small>(&lt;5.1)</small>	<small>(5.1-5.8)</small> 3.4	<small>(5.9-6.9)</small> 20.0	<small>(7.0-7.5)</small> 53.6	<small>(&gt;7.5)</small> 23.1
CEC, meq/100g	7.5	1.9	<small>(&lt;3.1)</small> 4.3	<small>(3.1-8.0)</small> 40.1	<small>(8.1-15.0)</small> 41.2	<small>(15.1-25.0)</small> 13.4	<small>(&gt;25.0)</small> 1.1
Sulfur (S), ppm	9	2.6	<small>(&lt;4)</small> 3.1	<small>(4-7)</small> 26.2	<small>(8-12)</small> 61.5	<small>(13-17)</small> 9.2	<small>(&gt;17)</small>
Zinc (Zn), ppm	4.1	1.4	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 23.1	<small>(3.0-4.9)</small> 52.3	<small>(5.0-10.0)</small> 24.6	<small>(&gt;10.0)</small>
Manganese (Mn), ppm	34	7	<small>(&lt;6)</small>	<small>(6-14)</small>	<small>(15-19)</small> 18.5	<small>(20-49)</small> 81.5	<small>(&gt;49)</small>
Iron (Fe), ppm	43	14		<small>(&lt;5)</small>	<small>(5-9)</small>	<small>(10-50)</small> 72.3	<small>(&gt;50)</small> 27.7
Copper (Cu), ppm	1.4	1.0		<small>(&lt;0.4)</small>	<small>(0.4-1.1)</small> 60.0	<small>(1.2-3.0)</small> 35.4	<small>(&gt;3.0)</small> 4.6
Boron (B), ppm	0.7	0.4	<small>(&lt;0.4)</small> 24.6	<small>(0.4-0.5)</small> 12.3	<small>(0.6-1.2)</small> 50.8	<small>(1.3-2.5)</small> 12.3	<small>(&gt;2.5)</small>
Nitrate (NO <sub>3</sub> -N), ppm	74.9	52.4	<small>(&lt;5)</small> 33.3	<small>(5-9)</small>	<small>(10-19)</small>	<small>(20-39)</small>	<small>(&gt;39)</small> 66.7
Ammonium (NH <sub>4</sub> -N), ppm	10.9	6.4	<small>(&lt;5)</small>	<small>(5-9)</small> 50.0	<small>(10-19)</small>	<small>(20-39)</small> 50.0	<small>(&gt;39)</small>