

# Northern 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,%	2.7	2.5	<small>(&lt;1.0)</small> 19.1	<small>(1.0-2.5)</small> 33.9	<small>(2.5-5.0)</small> 38.5	<small>(5.0-7.0)</small> 6.0	<small>(7.0+)</small> 2.5
Phosphorus (P1), ppm	89	79	<small>(&lt;10)</small> 7.6	<small>(10-20)</small> 0.1	<small>(20-30)</small> 15.8	<small>(30-50)</small> 5.7	<small>(50+)</small> 58.8
Phosphorus (P2), ppm	31	4	<small>(&lt;14)</small>	<small>(14-29)</small> 25.0	<small>(29-44)</small> 75.0	<small>(44-74)</small>	<small>(74+)</small>
Potassium (K), ppm	121	70					
K, % Base Saturation	3.4	3.3	<small>(&lt;0.95)</small> 4.3	<small>(0.95-1.89)</small> 10.4	<small>(1.90-3.77)</small> 50.8	<small>(3.78-5.66)</small> 27.0	<small>(&gt;5.66)</small> 8.3
Magnesium (Mg), ppm	228	255					
Mg, % Base Saturation	14.4	7.4	<small>(&lt;5)</small> 11.6	<small>(5-10)</small> 15.9	<small>(10-15)</small> 5.6	<small>(15-25)</small> 24.6	<small>(25+)</small> 42.4
Calcium (Ca), ppm	1016	1070					
Ca, % Base Saturation	68.5	23.0	<small>(&lt;45)</small> 28.0	<small>(45-55)</small> 10.0	<small>(55-75)</small> 53.9	<small>(75-85)</small> 5.1	<small>(85+)</small> 3.0
pH (1:1)	6.6	0.8	<small>(&lt;5.1)</small> 6.1	<small>(5.1-5.8)</small> 11.6	<small>(5.9-6.0)</small> 41.3	<small>(7.0-7.5)</small> 29.9	<small>(&gt;7.5)</small> 11.1
CEC, meq/100g	10.4	2.7	<small>(&lt;3.1)</small> 15.4	<small>(3.1-8.0)</small> 45.4	<small>(8.1-15.0)</small> 19.2	<small>(15.1-25.0)</small> 2.1	<small>(&gt;25.0)</small> 17.8
Sulfur (S), ppm	12	14.1	<small>(&lt;4)</small> 0.5	<small>(4-7)</small> 40.6	<small>(8-12)</small> 36.3	<small>(13-17)</small> 9.3	<small>(&gt;17)</small> 13.3
Zinc (Zn), ppm	6.4	5.7	<small>(&lt;1.0)</small> 1.3	<small>(1.1-2.9)</small> 44.8	<small>(3.0-4.9)</small> 10.6	<small>(5.0-10.0)</small> 14.6	<small>(&gt;10.0)</small> 28.6
Manganese (Mn), ppm	29	25	<small>(&lt;6)</small> 31.8	<small>(6-14)</small> 13.0	<small>(15-19)</small> 4.8	<small>(20-49)</small> 24.1	<small>(&gt;49)</small> 26.3
Iron (Fe), ppm	51	34		<small>(&lt;5)</small> 2.5	<small>(5-9)</small> 3.1	<small>(10-50)</small> 55.2	<small>(&gt;50)</small> 39.3
Copper (Cu), ppm	1.9	1.5		<small>(&lt;0.4)</small> 0.6	<small>(0.4-1.1)</small> 45.1	<small>(1.2-3.0)</small> 34.0	<small>(&gt;3.0)</small> 20.2
Boron (B), ppm	0.4	0.5	<small>(&lt;0.4)</small> 76.1	<small>(0.4-0.5)</small> 13.3	<small>(0.6-1.2)</small> 5.8	<small>(1.3-2.5)</small> 4.0	<small>(&gt;2.5)</small> 0.8
Nitrate (NO <sub>3</sub> -N), ppm	3.5	1.8	<small>(&lt;5)</small> 61.5	<small>(5-9)</small> 38.5	<small>(10-19)</small>	<small>(20-39)</small>	<small>(&gt;39)</small>
Ammonium (NH <sub>4</sub> -N), ppm	2.2	0.4	<small>(&lt;5)</small> 100.0	<small>(5-9)</small>	<small>(10-19)</small>	<small>(20-39)</small>	<small>(&gt;39)</small>