



# Northwest Michigan

## 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,%	2.7	3.2	<small>(&lt;1.0)</small> 1.8	<small>(1.0-2.5)</small> 61.1	<small>(2.5-5.0)</small> 33.2	<small>(5.0-7.0)</small> 1.9	<small>(7.0+)</small> 2.1
Phosphorus (P1), ppm	56	58	<small>(&lt;10)</small> 3.7	<small>(10-20)</small> 13.9	<small>(20-30)</small> 16.4	<small>(30-50)</small> 25.7	<small>(50+)</small> 40.2
Phosphorus (P2), ppm	95	110	<small>(&lt;14)</small> 3.2	<small>(14-29)</small> 13.2	<small>(29-44)</small> 18.7	<small>(44-74)</small> 20.5	<small>(74+)</small> 44.4
Bicarbonate P, ppm	93	112	<small>(&lt;5)</small>	<small>(5-15)</small> 44.4	<small>(15-25)</small>	<small>(25-45)</small> 11.1	<small>(45+)</small> 44.4
Potassium (K), ppm	122	66					
K, % Base Saturation	4.5	2.5	<small>(&lt;1.19)</small> 2.8	<small>(1.19-2.35)</small> 13.1	<small>(2.36-4.71)</small> 54.8	<small>(4.72-7.06)</small> 23.6	<small>(&gt;7.06)</small> 6.8
Magnesium (Mg), ppm	179	112					
Mg, % Base Saturation	18.5	5.7	<small>(&lt;5)</small> 0.3	<small>(5-10)</small> 5.6	<small>(10-15)</small> 22.4	<small>(15-25)</small> 59.4	<small>(25+)</small> 12.3
Calcium (Ca), ppm	1086	738					
Ca, % Base Saturation	65.6	12.2	<small>(&lt;45)</small> 5.8	<small>(45-55)</small> 14.2	<small>(55-75)</small> 56.2	<small>(75-85)</small> 21.2	<small>(85+)</small> 2.6
pH (1:1)	6.7	0.6	<small>(&lt;5.1)</small> 0.7	<small>(5.1-5.8)</small> 10.6	<small>(5.9-6.0)</small> 53.5	<small>(7.0-7.5)</small> 26.8	<small>(&gt;7.5)</small> 8.3
CEC, meq/100g	8.0	4.4	<small>(&lt;3.1)</small> 4.0	<small>(3.1-8.0)</small> 56.2	<small>(8.1-15.0)</small> 34.2	<small>(15.1-25.0)</small> 4.7	<small>(&gt;25.0)</small> 0.8
Sulfur (S), ppm	9	14.3	<small>(&lt;4)</small> 1.5	<small>(4-7)</small> 47.1	<small>(8-12)</small> 41.5	<small>(13-17)</small> 5.7	<small>(&gt;17)</small> 4.3
Zinc (Zn), ppm	4.4	4.3	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 40.0	<small>(3.0-4.9)</small> 35.6	<small>(5.0-10.0)</small> 19.3	<small>(&gt;10.0)</small> 5.1
Manganese (Mn), ppm	34	13	<small>(&lt;6)</small> 2.0	<small>(6-14)</small> 8.2	<small>(15-19)</small> 16.2	<small>(20-49)</small> 63.2	<small>(&gt;49)</small> 10.5
Iron (Fe), ppm	37	19		<small>(&lt;5)</small> 0.4	<small>(5-9)</small> 0.9	<small>(10-50)</small> 81.6	<small>(&gt;50)</small> 17.1
Copper (Cu), ppm	1.8	2.0		<small>(&lt;0.4)</small> 0.7	<small>(0.4-1.1)</small> 47.0	<small>(1.2-3.0)</small> 39.3	<small>(&gt;3.0)</small> 13.0
Boron (B), ppm	0.4	0.4	<small>(&lt;0.4)</small> 58.8	<small>(0.4-0.5)</small> 17.3	<small>(0.6-1.2)</small> 19.9	<small>(1.3-2.5)</small> 3.6	<small>(&gt;2.5)</small> 0.3
Nitrate (NO <sub>3</sub> -N), ppm	33.6	29.5	<small>(&lt;5)</small> 16.6	<small>(5-9)</small> 8.2	<small>(10-19)</small> 10.4	<small>(20-39)</small> 28.7	<small>(&gt;39)</small> 36.1
Ammonium (NH <sub>4</sub> -N), ppm	3.2	1.3	<small>(&lt;5)</small> 86.1	<small>(5-9)</small> 12.9	<small>(10-19)</small> 1.0	<small>(20-39)</small>	<small>(&gt;39)</small>