



Northern Michigan

2021 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,%	2.6	3.3	<small>(<1.0)</small> 2.2	<small>(1.0-2.5)</small> 60.3	<small>(2.5-5.0)</small> 34.5	<small>(5.0-7.0)</small> 1.5	<small>(7.0+)</small> 1.5
Phosphorus (P1), ppm	55	50	<small>(<10)</small> 3.1	<small>(10-20)</small> 11.8	<small>(20-30)</small> 16.0	<small>(30-50)</small> 28.6	<small>(50+)</small> 40.6
Phosphorus (P2), ppm	76	58	<small>(<14)</small> 1.9	<small>(14-29)</small> 11.1	<small>(29-44)</small> 15.5	<small>(44-74)</small> 30.4	<small>(74+)</small> 41.1
Bicarbonate P, ppm	25	18	<small>(<5)</small>	<small>(5-15)</small> 46.2	<small>(15-25)</small> 15.4	<small>(25-45)</small> 30.8	<small>(45+)</small> 7.7
Potassium (K), ppm	131	65					
K, % Base Saturation	4.3	2.1	<small>(<1.0)</small> 1.0	<small>(1.0-2.18)</small> 9.6	<small>(2.19-4.35)</small> 53.9	<small>(4.36-6.53)</small> 27.8	<small>(6.53+)</small> 7.7
Magnesium (Mg), ppm	190	109					
Mg, % Base Saturation	18.0	5.2	<small>(<5)</small> 0.5	<small>(5-10)</small> 5.8	<small>(10-15)</small> 22.5	<small>(15-25)</small> 62.7	<small>(25+)</small> 8.5
Calcium (Ca), ppm	1239	834					
Ca, % Base Saturation	68.3	11.3	<small>(<45)</small> 3.0	<small>(45-55)</small> 10.5	<small>(55-75)</small> 55.6	<small>(75-85)</small> 27.1	<small>(85+)</small> 3.8
pH (1:1)	6.8	0.7	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 7.9	<small>(5.9-6.9)</small> 47.1	<small>(7.0-7.5)</small> 27.1	<small>(>7.5)</small> 17.2
CEC, meq/100g	8.8	4.8	<small>(<3.1)</small> 2.1	<small>(3.1-8.0)</small> 48.8	<small>(8.1-15.0)</small> 41.8	<small>(15.1-25.0)</small> 6.5	<small>(>25.0)</small> 0.8
Sulfur (S), ppm	10	18.9	<small>(<4)</small> 1.4	<small>(4-7)</small> 36.5	<small>(8-12)</small> 49.5	<small>(13-17)</small> 8.3	<small>(>17)</small> 4.3
Zinc (Zn), ppm	4.7	3.5	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 30.9	<small>(3.0-4.9)</small> 35.7	<small>(5.0-10.0)</small> 28.2	<small>(>10.0)</small> 5.2
Manganese (Mn), ppm	35	14	<small>(<6)</small> 1.5	<small>(6-14)</small> 7.4	<small>(15-19)</small> 15.1	<small>(20-49)</small> 64.7	<small>(>49)</small> 11.3
Iron (Fe), ppm	42	22		<small>(<5)</small> 0.5	<small>(5-9)</small> 0.6	<small>(10-50)</small> 74.3	<small>(>50)</small> 24.5
Copper (Cu), ppm	1.8	1.6		<small>(<0.4)</small> 0.8	<small>(0.4-1.1)</small> 41.4	<small>(1.2-3.0)</small> 46.0	<small>(>3.0)</small> 11.8
Boron (B), ppm	0.6	0.5	<small>(<0.4)</small> 31.6	<small>(0.4-0.5)</small> 21.1	<small>(0.6-1.2)</small> 37.6	<small>(1.3-2.5)</small> 9.4	<small>(>2.5)</small> 0.3
Nitrate (NO3-N), ppm	10.8	12.3	<small>(<5)</small> 31.4	<small>(5-9)</small> 37.9	<small>(10-19)</small> 14.3	<small>(20-39)</small> 10.7	<small>(>39)</small> 5.7
Ammonium (NH4-N), ppm	10.5	22.3	<small>(<5)</small> 40.0	<small>(5-9)</small> 50.0	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small> 10.0