



Northeast 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	3.0	<small>(<1.0)</small> 2.7	<small>(1.0-2.5)</small> 59.2	<small>(2.5-5.0)</small> 35.3	<small>(5.0-7.0)</small> 1.4	<small>(7.0+)</small> 1.4
Phosphorus (P1), ppm	50	40	<small>(<10)</small> 3.0	<small>(10-20)</small> 11.9	<small>(20-30)</small> 16.9	<small>(30-50)</small> 31.0	<small>(50+)</small> 37.2
Phosphorus (P2), ppm	78	55	<small>(<14)</small> 0.8	<small>(14-29)</small> 9.8	<small>(29-44)</small> 15.1	<small>(44-74)</small> 30.1	<small>(74+)</small> 44.2
Potassium (K), ppm	137	60					
K, % Base Saturation	4.1	1.9	<small>(<1.01)</small> 0.5	<small>(1.01-2.01)</small> 6.8	<small>(2.02-4.01)</small> 53.5	<small>(4.02-6.02)</small> 31.7	<small>(>6.02)</small> 7.4
Magnesium (Mg), ppm	208	109					
Mg, % Base Saturation	18.2	5.0	<small>(<5)</small> 0.4	<small>(5-10)</small> 5.3	<small>(10-15)</small> 20.7	<small>(15-25)</small> 66.1	<small>(25+)</small> 7.6
Calcium (Ca), ppm	1414	886					
Ca, % Base Saturation	70.8	10.6	<small>(<45)</small> 1.9	<small>(45-55)</small> 7.2	<small>(55-75)</small> 51.2	<small>(75-85)</small> 34.3	<small>(85+)</small> 5.5
pH (1:1)	7.0	0.7	<small>(<5.1)</small> 0.3	<small>(5.1-5.8)</small> 4.9	<small>(5.9-6.9)</small> 40.7	<small>(7.0-7.5)</small> 27.7	<small>(>7.5)</small> 26.4
CEC, meq/100g	9.7	5.0	<small>(<3.1)</small> 1.9	<small>(3.1-8.0)</small> 38.7	<small>(8.1-15.0)</small> 48.9	<small>(15.1-25.0)</small> 9.5	<small>(>25.0)</small> 1.0
Sulfur (S), ppm	10	10.9	<small>(<4)</small> 1.2	<small>(4-7)</small> 36.0	<small>(8-12)</small> 50.3	<small>(13-17)</small> 8.1	<small>(>17)</small> 4.3
Zinc (Zn), ppm	4.8	3.2	<small>(<1.0)</small> 28.7	<small>(1.1-2.9)</small> 36.1	<small>(3.0-4.9)</small> 30.6	<small>(5.0-10.0)</small> 4.6	<small>(>10.0)</small> 13.0
Manganese (Mn), ppm	36	14	<small>(<6)</small> 1.4	<small>(6-14)</small> 6.8	<small>(15-19)</small> 15.1	<small>(20-49)</small> 63.6	<small>(>49)</small> 22.9
Iron (Fe), ppm	41	23		<small>(<5)</small> 0.5	<small>(5-9)</small> 0.7	<small>(10-50)</small> 75.9	<small>(>50)</small> 7.4
Copper (Cu), ppm	1.6	1.2		<small>(<0.4)</small> 0.5	<small>(0.4-1.1)</small> 42.2	<small>(1.2-3.0)</small> 49.8	<small>(>3.0)</small> 7.4
Boron (B), ppm	0.7	0.5	<small>(<0.4)</small> 27.7	<small>(0.4-0.5)</small> 18.8	<small>(0.6-1.2)</small> 41.3	<small>(1.3-2.5)</small> 12.0	<small>(>2.5)</small> 0.2
Nitrate (NO3-N), ppm	13.4	14.0	<small>(<5)</small> 33.3	<small>(5-9)</small> 22.2	<small>(10-19)</small> 11.1	<small>(20-39)</small> 22.2	<small>(>39)</small> 11.1
Ammonium (NH4-N), ppm	1.3	0.3	<small>(<5)</small> 100.0	<small>(5-9)</small>	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>