



Northeast Michigan

2022 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,%	3.6	8.1	<small>(<1.0)</small> 2.5	<small>(1.0-2.5)</small> 61.2	<small>(2.5-5.0)</small> 31.0	<small>(5.0-7.0)</small> 1.4	<small>(7.0+)</small> 3.9
Phosphorus (P1), ppm	49	39	<small>(<10)</small> 3.3	<small>(10-20)</small> 13.6	<small>(20-30)</small> 16.7	<small>(30-50)</small> 29.0	<small>(50+)</small> 37.3
Phosphorus (P2), ppm	90	53	<small>(<14)</small> 1.3	<small>(14-29)</small> 8.6	<small>(29-44)</small> 8.7	<small>(44-74)</small> 24.5	<small>(74+)</small> 56.9
Bicarbonate P, ppm	28	14	<small>(<5)</small>	<small>(5-15)</small> 27.1	<small>(15-25)</small> 28.1	<small>(25-45)</small> 30.2	<small>(45+)</small> 14.6
Potassium (K), ppm	135	58					
K, % Base Saturation	4.0	1.9	<small>(<0.98)</small> 0.5	<small>(0.98-1.94)</small> 8.4	<small>(1.95-3.87)</small> 53.3	<small>(3.88-5.81)</small> 30.9	<small>(5.81+)</small> 7.0
Magnesium (Mg), ppm	204	112					
Mg, % Base Saturation	17.5	4.8	<small>(<5)</small> 0.5	<small>(5-10)</small> 5.8	<small>(10-15)</small> 24.1	<small>(15-25)</small> 64.1	<small>(25+)</small> 5.5
Calcium (Ca), ppm	1472	1167					
Ca, % Base Saturation	69.9	11.3	<small>(<45)</small> 2.4	<small>(45-55)</small> 8.9	<small>(55-75)</small> 49.8	<small>(75-85)</small> 33.6	<small>(85+)</small> 5.3
pH (1:1)	6.9	0.7	<small>(<5.1)</small> 0.5	<small>(5.1-5.8)</small> 7.1	<small>(5.9-6.9)</small> 44.6	<small>(7.0-7.5)</small> 27.8	<small>(>7.5)</small> 20.0
CEC, meq/100g	10.1	6.5	<small>(<3.1)</small> 1.3	<small>(3.1-8.0)</small> 40.7	<small>(8.1-15.0)</small> 46.6	<small>(15.1-25.0)</small> 8.2	<small>(>25.0)</small> 3.2
Sulfur (S), ppm	13	19.7	<small>(<4)</small> 0.4	<small>(4-7)</small> 22.4	<small>(8-12)</small> 55.9	<small>(13-17)</small> 12.1	<small>(>17)</small> 9.3
Zinc (Zn), ppm	4.9	3.6	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 29.6	<small>(3.0-4.9)</small> 34.1	<small>(5.0-10.0)</small> 30.6	<small>(>10.0)</small> 5.7
Manganese (Mn), ppm	36	14	<small>(<6)</small> 1.9	<small>(6-14)</small> 7.8	<small>(15-19)</small> 14.1	<small>(20-49)</small> 62.4	<small>(>49)</small> 13.8
Iron (Fe), ppm	44	27		<small>(<5)</small> 0.4	<small>(5-9)</small> 0.5	<small>(10-50)</small> 72.7	<small>(>50)</small> 26.5
Copper (Cu), ppm	1.8	1.9		<small>(<0.4)</small> 0.9	<small>(0.4-1.1)</small> 45.0	<small>(1.2-3.0)</small> 41.2	<small>(>3.0)</small> 12.9
Boron (B), ppm	0.7	0.7	<small>(<0.4)</small> 26.0	<small>(0.4-0.5)</small> 21.6	<small>(0.6-1.2)</small> 38.8	<small>(1.3-2.5)</small> 12.0	<small>(>2.5)</small> 1.7
Nitrate (NO3-N), ppm	15.7	28.2	<small>(<5)</small> 3.8	<small>(5-9)</small> 52.6	<small>(10-19)</small> 37.2	<small>(20-39)</small>	<small>(>39)</small> 6.4