



# 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,%	2.7	3.9	<small>(&lt;1.0)</small> 1.9	<small>(1.0-2.5)</small> 61.3	<small>(2.5-5.0)</small> 33.3	<small>(5.0-7.0)</small> 1.6	<small>(7.0+)</small> 1.9
Phosphorus (P1), ppm	55	51	<small>(&lt;10)</small> 3.2	<small>(10-20)</small> 12.8	<small>(20-30)</small> 16.6	<small>(30-50)</small> 28.1	<small>(50+)</small> 39.4
Phosphorus (P2), ppm	74	60	<small>(&lt;14)</small> 2.3	<small>(14-29)</small> 12.5	<small>(29-44)</small> 16.4	<small>(44-74)</small> 30.5	<small>(74+)</small> 38.3
Bicarbonate P, ppm	25	18	<small>(&lt;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	62					
K, % Base Saturation	4.4	2.1	<small>(&lt;1.09)</small> 0.9	<small>(1.09-2.17)</small> 9.7	<small>(2.18-4.33)</small> 52.9	<small>(4.34-6.50)</small> 28.9	<small>(6.50+)</small> 7.6
Magnesium (Mg), ppm	184	104					
Mg, % Base Saturation	17.6	5.3	<small>(&lt;5)</small> 1.2	<small>(5-10)</small> 6.3	<small>(10-15)</small> 24.2	<small>(15-25)</small> 60.9	<small>(25+)</small> 7.5
Calcium (Ca), ppm	1232	896					
Ca, % Base Saturation	67.6	12.4	<small>(&lt;45)</small> 4.0	<small>(45-55)</small> 10.8	<small>(55-75)</small> 54.4	<small>(75-85)</small> 27.0	<small>(85+)</small> 3.8
pH (1:1)	6.8	0.7	<small>(&lt;5.1)</small> 1.4	<small>(5.1-5.8)</small> 8.4	<small>(5.9-6.9)</small> 49.1	<small>(7.0-7.5)</small> 25.5	<small>(&gt;7.5)</small> 15.5
CEC, meq/100g	8.8	5.0	<small>(&lt;3.1)</small> 1.8	<small>(3.1-8.0)</small> 49.7	<small>(8.1-15.0)</small> 41.0	<small>(15.1-25.0)</small> 6.5	<small>(&gt;25.0)</small> 1.0
Sulfur (S), ppm	10	15.9	<small>(&lt;4)</small> 1.6	<small>(4-7)</small> 39.6	<small>(8-12)</small> 47.0	<small>(13-17)</small> 7.6	<small>(&gt;17)</small> 4.3
Zinc (Zn), ppm	4.5	3.7	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 36.7	<small>(3.0-4.9)</small> 34.0	<small>(5.0-10.0)</small> 24.7	<small>(&gt;10.0)</small> 4.6
Manganese (Mn), ppm	36	14	<small>(&lt;6)</small> 1.7	<small>(6-14)</small> 6.6	<small>(15-19)</small> 13.0	<small>(20-49)</small> 64.9	<small>(&gt;49)</small> 13.8
Iron (Fe), ppm	41	22		<small>(&lt;5)</small> 0.6	<small>(5-9)</small> 0.7	<small>(10-50)</small> 74.8	<small>(&gt;50)</small> 23.9
Copper (Cu), ppm	1.8	1.6		<small>(&lt;0.4)</small> 1.0	<small>(0.4-1.1)</small> 41.6	<small>(1.2-3.0)</small> 46.2	<small>(&gt;3.0)</small> 11.3
Boron (B), ppm	0.6	0.4	<small>(&lt;0.4)</small> 35.7	<small>(0.4-0.5)</small> 22.1	<small>(0.6-1.2)</small> 33.9	<small>(1.3-2.5)</small> 8.0	<small>(&gt;2.5)</small> 0.3
Nitrate (NO3-N), ppm	20.1	26.5	<small>(&lt;5)</small> 24.4	<small>(5-9)</small> 31.7	<small>(10-19)</small> 16.2	<small>(20-39)</small> 9.6	<small>(&gt;39)</small> 18.2
Ammonium (NH4-N), ppm	13.4	43.2	<small>(&lt;5)</small> 30.4	<small>(5-9)</small> 47.2	<small>(10-19)</small> 8.8	<small>(20-39)</small> 3.2	<small>(&gt;39)</small> 10.4