



Southwest 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,%	2.6	4.1	<small>(<1.0)</small> 2.5	<small>(1.0-2.5)</small> 72.0	<small>(2.5-5.0)</small> 22.0	<small>(5.0-7.0)</small> 1.3	<small>(7.0+)</small> 2.2
Phosphorus (P1), ppm	67	93	<small>(<10)</small> 3.5	<small>(10-20)</small> 13.8	<small>(20-30)</small> 16.5	<small>(30-50)</small> 25.3	<small>(50+)</small> 40.9
Phosphorus (P2), ppm	51	45	<small>(<14)</small> 1.5	<small>(14-29)</small> 38.9	<small>(29-44)</small> 23.3	<small>(44-74)</small> 17.2	<small>(74+)</small> 19.1
Potassium (K), ppm	123	60					
K, % Base Saturation	4.8	2.4	<small>(<1.24)</small> 1.2	<small>(1.24-2.47)</small> 12.2	<small>(2.48-4.94)</small> 53.2	<small>(4.95-7.41)</small> 25.8	<small>(>7.41)</small> 7.6
Magnesium (Mg), ppm	143	90					
Mg, % Base Saturation	16.3	5.6	<small>(<5)</small> 2.9	<small>(5-10)</small> 9.2	<small>(10-15)</small> 29.0	<small>(15-25)</small> 53.0	<small>(25+)</small> 5.9
Calcium (Ca), ppm	961	844					
Ca, % Base Saturation	62.3	14.2	<small>(<45)</small> 8.6	<small>(45-55)</small> 16.1	<small>(55-75)</small> 58.2	<small>(75-85)</small> 14.2	<small>(85+)</small> 2.9
pH (1:1)	6.4	0.7	<small>(<5.1)</small> 3.9	<small>(5.1-5.8)</small> 14.6	<small>(5.9-6.9)</small> 61.2	<small>(7.0-7.5)</small> 17.3	<small>(>7.5)</small> 3.0
CEC, meq/100g	7.5	4.6	<small>(<3.1)</small> 2.2	<small>(3.1-8.0)</small> 67.1	<small>(8.1-15.0)</small> 26.4	<small>(15.1-25.0)</small> 3.6	<small>(>25.0)</small> 0.8
Sulfur (S), ppm	11	10.8	<small>(<4)</small> 1.0	<small>(4-7)</small> 32.0	<small>(8-12)</small> 50.2	<small>(13-17)</small> 9.3	<small>(>17)</small> 7.5
Zinc (Zn), ppm	4.0	4.1	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 47.7	<small>(3.0-4.9)</small> 31.4	<small>(5.0-10.0)</small> 16.5	<small>(>10.0)</small> 4.4
Manganese (Mn), ppm	40	18	<small>(<6)</small> 3.9	<small>(6-14)</small> 7.9	<small>(15-19)</small> 7.5	<small>(20-49)</small> 55.7	<small>(>49)</small> 25.0
Iron (Fe), ppm	48	27		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.5	<small>(10-50)</small> 65.5	<small>(>50)</small> 33.9
Copper (Cu), ppm	1.6	1.8		<small>(<0.4)</small> 4.5	<small>(0.4-1.1)</small> 51.5	<small>(1.2-3.0)</small> 33.3	<small>(>3.0)</small> 10.7
Boron (B), ppm	0.4	0.2	<small>(<0.4)</small> 63.3	<small>(0.4-0.5)</small> 23.3	<small>(0.6-1.2)</small> 12.4	<small>(1.3-2.5)</small> 0.8	<small>(>2.5)</small> 0.1
Nitrate (NO3-N), ppm	19.3	15.6	<small>(<5)</small> 8.6	<small>(5-9)</small> 34.3	<small>(10-19)</small> 20.0	<small>(20-39)</small> 17.1	<small>(>39)</small> 20.0
Ammonium (NH4-N), ppm	5.1	5.8	<small>(<5)</small> 41.7	<small>(5-9)</small> 50.0	<small>(10-19)</small>	<small>(20-39)</small> 8.3	<small>(>39)</small>