



Southeast 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,%	3.1	4.5	<small>(<1.0)</small> 0.3	<small>(1.0-2.5)</small> 53.6	<small>(2.5-5.0)</small> 41.8	<small>(5.0-7.0)</small> 2.3	<small>(7.0+)</small> 2.1
Phosphorus (P1), ppm	49	40	<small>(<10)</small> 3.1	<small>(10-20)</small> 13.6	<small>(20-30)</small> 17.8	<small>(30-50)</small> 30.0	<small>(50+)</small> 35.4
Phosphorus (P2), ppm	118	120	<small>(<14)</small> 4.4	<small>(14-29)</small> 2.5	<small>(29-44)</small> 7.4	<small>(44-74)</small> 32.8	<small>(74+)</small> 52.9
Potassium (K), ppm	144	60					
K, % Base Saturation	4.0	1.8	<small>(<0.97)</small> 0.3	<small>(0.97-1.91)</small> 6.3	<small>(1.92-3.83)</small> 48.8	<small>(3.84-5.74)</small> 35.4	<small>(5.74+)</small> 9.1
Magnesium (Mg), ppm	208	95					
Mg, % Base Saturation	17.3	4.7	<small>(<5)</small> 0.4	<small>(5-10)</small> 5.9	<small>(10-15)</small> 25.0	<small>(15-25)</small> 63.8	<small>(25+)</small> 4.8
Calcium (Ca), ppm	1513	1038					
Ca, % Base Saturation	71.7	10.4	<small>(<45)</small> 1.5	<small>(45-55)</small> 5.7	<small>(55-75)</small> 46.9	<small>(75-85)</small> 39.8	<small>(85+)</small> 6.1
pH (1:1)	7.0	0.7	<small>(<5.1)</small> 0.3	<small>(5.1-5.8)</small> 4.8	<small>(5.9-6.9)</small> 41.3	<small>(7.0-7.5)</small> 29.5	<small>(>7.5)</small> 24.1
CEC, meq/100g	10.2	5.4	<small>(<3.1)</small> 0.3	<small>(3.1-8.0)</small> 34.5	<small>(8.1-15.0)</small> 54.5	<small>(15.1-25.0)</small> 9.3	<small>(>25.0)</small> 1.3
Sulfur (S), ppm	9	7.2	<small>(<4)</small> 1.9	<small>(4-7)</small> 43.9	<small>(8-12)</small> 43.6	<small>(13-17)</small> 7.4	<small>(>17)</small> 3.2
Zinc (Zn), ppm	4.5	4.6	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 38.3	<small>(3.0-4.9)</small> 32.1	<small>(5.0-10.0)</small> 25.4	<small>(>10.0)</small> 4.2
Manganese (Mn), ppm	39	13	<small>(<6)</small> 0.6	<small>(6-14)</small> 4.1	<small>(15-19)</small> 10.8	<small>(20-49)</small> 68.2	<small>(>49)</small> 16.4
Iron (Fe), ppm	36	19		<small>(<5)</small> 1.3	<small>(5-9)</small> 1.4	<small>(10-50)</small> 80.3	<small>(>50)</small> 17.1
Copper (Cu), ppm	1.8	1.4		<small>(<0.4)</small> 0.2	<small>(0.4-1.1)</small> 34.4	<small>(1.2-3.0)</small> 54.9	<small>(>3.0)</small> 10.6
Boron (B), ppm	0.6	0.5	<small>(<0.4)</small> 28.9	<small>(0.4-0.5)</small> 22.7	<small>(0.6-1.2)</small> 39.0	<small>(1.3-2.5)</small> 9.2	<small>(>2.5)</small> 0.3
Nitrate (NO3-N), ppm	27.6	32.8	<small>(<5)</small> 50.0	<small>(5-9)</small> 3.8	<small>(10-19)</small> 7.7	<small>(20-39)</small> 3.8	<small>(>39)</small> 34.6
Ammonium (NH4-N), ppm	4.1	1.8	<small>(<5)</small> 50.0	<small>(5-9)</small> 50.0	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>