



Southeast Michigan

2019 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,%	2.9	5.0	<small>(<1.0)</small> 2.1	<small>(1.0-2.5)</small> 64.6	<small>(2.5-5.0)</small> 29.7	<small>(5.0-7.0)</small> 1.5	<small>(7.0+)</small> 2.2
Phosphorus (P1), ppm	63	81	<small>(<10)</small> 3.3	<small>(10-20)</small> 12.6	<small>(20-30)</small> 16.5	<small>(30-50)</small> 26.5	<small>(50+)</small> 41.2
Phosphorus (P2), ppm	62	106	<small>(<14)</small> 3.0	<small>(14-29)</small> 16.3	<small>(29-44)</small> 29.5	<small>(44-74)</small> 28.9	<small>(74+)</small> 22.3
Potassium (K), ppm	126	63					
K, % Base Saturation	4.4	2.1	<small>(<1.13)</small> 1.4	<small>(1.13-2.24)</small> 11.5	<small>(2.25-4.47)</small> 52.8	<small>(4.48-6.71)</small> 28.2	<small>(>6.71)</small> 6.6
Magnesium (Mg), ppm	172	98					
Mg, % Base Saturation	17.3	5.7	<small>(<5)</small> 2.3	<small>(5-10)</small> 7.1	<small>(10-15)</small> 23.5	<small>(15-25)</small> 59.4	<small>(25+)</small> 7.7
Calcium (Ca), ppm	1153	846					
Ca, % Base Saturation	65.7	14.4	<small>(<45)</small> 6.8	<small>(45-55)</small> 12.2	<small>(55-75)</small> 53.2	<small>(75-85)</small> 23.7	<small>(85+)</small> 4.1
pH (1:1)	6.6	0.7	<small>(<5.1)</small> 3.1	<small>(5.1-5.8)</small> 9.0	<small>(5.9-6.9)</small> 53.6	<small>(7.0-7.5)</small> 24.4	<small>(>7.5)</small> 9.8
CEC, meq/100g	8.5	4.7	<small>(<3.1)</small> 2.5	<small>(3.1-8.0)</small> 52.7	<small>(8.1-15.0)</small> 38.4	<small>(15.1-25.0)</small> 5.5	<small>(>25.0)</small> 1.0
Sulfur (S), ppm	11	22.1	<small>(<4)</small> 1.5	<small>(4-7)</small> 46.5	<small>(8-12)</small> 38.4	<small>(13-17)</small> 6.2	<small>(>17)</small> 7.4
Zinc (Zn), ppm	4.2	3.6	<small>(<1.0)</small> 41.3	<small>(1.1-2.9)</small> 32.7	<small>(3.0-4.9)</small> 22.2	<small>(5.0-10.0)</small> 3.8	<small>(>10.0)</small> 3.8
Manganese (Mn), ppm	37	17	<small>(<6)</small> 5.2	<small>(6-14)</small> 7.8	<small>(15-19)</small> 9.9	<small>(20-49)</small> 57.5	<small>(>49)</small> 19.6
Iron (Fe), ppm	47	28		<small>(<5)</small> 0.3	<small>(5-9)</small> 0.4	<small>(10-50)</small> 67.9	<small>(>50)</small> 31.3
Copper (Cu), ppm	1.7	1.5		<small>(<0.4)</small> 0.3	<small>(0.4-1.1)</small> 43.1	<small>(1.2-3.0)</small> 45.1	<small>(>3.0)</small> 11.5
Boron (B), ppm	0.5	0.4	<small>(<0.4)</small> 46.9	<small>(0.4-0.5)</small> 21.0	<small>(0.6-1.2)</small> 26.7	<small>(1.3-2.5)</small> 5.2	<small>(>2.5)</small> 0.2
Nitrate (NO ₃ -N), ppm	18.9	13.6	<small>(<5)</small> 5.8	<small>(5-9)</small> 11.2	<small>(10-19)</small> 44.0	<small>(20-39)</small> 32.8	<small>(>39)</small> 6.2
Ammonium (NH ₄ -N), ppm	3.1	1.2	<small>(<5)</small> 64.3	<small>(5-9)</small> 35.7	<small>(10-19)</small> 35.7	<small>(20-39)</small> 35.7	<small>(>39)</small> 35.7