

Southeast Michigan

2017 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	4.2	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 57.5	<small>(2.5-5.0)</small> 37.2	<small>(5.0-7.0)</small> 1.7	<small>(7.0+)</small> 2.2
Phosphorus (P1), ppm	57	54	<small>(<10)</small> 3.6	<small>(10-20)</small> 14.5	<small>(20-30)</small> 17.8	<small>(30-50)</small> 26.2	<small>(50+)</small> 37.9
Phosphorus (P2), ppm	57	49	<small>(<14)</small> 3.1	<small>(14-29)</small> 22.1	<small>(29-44)</small> 25.1	<small>(44-74)</small> 29.3	<small>(74+)</small> 20.3
Potassium (K), ppm	125	57					
K, % Base Saturation	4.4	2.3	<small>(<1.11)</small> 1.0	<small>(1.11-2.19)</small> 10.4	<small>(2.20-4.39)</small> 57.4	<small>(4.40-6.58)</small> 25.3	<small>(>6.58)</small> 6.1
Magnesium (Mg), ppm	186	101					
Mg, % Base Saturation	18.4	5.4	<small>(<5)</small> 0.3	<small>(5-10)</small> 4.6	<small>(10-15)</small> 23.1	<small>(15-25)</small> 61.0	<small>(25+)</small> 11.0
Calcium (Ca), ppm	1187	876					
Ca, % Base Saturation	65.1	12.3	<small>(<45)</small> 6.5	<small>(45-55)</small> 13.9	<small>(55-75)</small> 57.2	<small>(75-85)</small> 18.7	<small>(85+)</small> 3.7
pH (1:1)	6.6	0.6	<small>(<5.1)</small> 0.4	<small>(5.1-5.8)</small> 9.9	<small>(5.9-6.0)</small> 62.0	<small>(7.0-7.5)</small> 22.3	<small>(>7.5)</small> 5.3
CEC, meq/100g	8.7	4.9	<small>(<3.1)</small> 3.8	<small>(3.1-8.0)</small> 48.3	<small>(8.1-15.0)</small> 39.9	<small>(15.1-25.0)</small> 7.2	<small>(>25.0)</small> 0.8
Sulfur (S), ppm	9	14.9	<small>(<4)</small> 0.6	<small>(4-7)</small> 54.0	<small>(8-12)</small> 37.5	<small>(13-17)</small> 4.9	<small>(>17)</small> 2.9
Zinc (Zn), ppm	4.2	3.7	<small>(<1.0)</small> 44.6	<small>(1.1-2.9)</small> 31.6	<small>(3.0-4.9)</small> 19.4	<small>(5.0-10.0)</small> 4.5	<small>(>10.0)</small> 0.1
Manganese (Mn), ppm	36	14	<small>(<6)</small> 2.0	<small>(6-14)</small> 6.9	<small>(15-19)</small> 12.9	<small>(20-49)</small> 65.1	<small>(>49)</small> 13.0
Iron (Fe), ppm	42	22		<small>(<5)</small> 0.6	<small>(5-9)</small> 0.6	<small>(10-50)</small> 73.3	<small>(>50)</small> 25.5
Copper (Cu), ppm	1.7	1.6		<small>(<0.4)</small> 39.1	<small>(0.4-1.1)</small> 52.3	<small>(1.2-3.0)</small> 8.5	<small>(>3.0)</small> 0.1
Boron (B), ppm	0.5	0.4	<small>(<0.4)</small> 37.7	<small>(0.4-0.5)</small> 27.1	<small>(0.6-1.2)</small> 31.0	<small>(1.3-2.5)</small> 4.1	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	25.6	26.5	<small>(<5)</small> 8.9	<small>(5-9)</small> 21.4	<small>(10-19)</small> 26.8	<small>(20-39)</small> 23.2	<small>(>39)</small> 19.6
Ammonium (NH ₄ -N), ppm	3.1	1.3	<small>(<5)</small> 90.5	<small>(5-9)</small> 9.5	<small>(10-19)</small> 0.1	<small>(20-39)</small> 0.1	<small>(>39)</small> 0.1