



Southeast Michigan

2016 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	3.4	2.6 <small>(<1.0)</small>	59.2 <small>(1.0-2.5)</small>	34.9 <small>(2.5-5.0)</small>	1.5 <small>(5.0-7.0)</small>	1.9 <small>(7.0+)</small>
Phosphorus (P1), ppm	68	67	3.8 <small>(<10)</small>	13.6 <small>(10-20)</small>	16.2 <small>(20-30)</small>	22.4 <small>(30-50)</small>	44.0 <small>(50+)</small>
Phosphorus (P2), ppm	66	55	3.9 <small>(<14)</small>	16.9 <small>(14-29)</small>	22.1 <small>(29-44)</small>	26.7 <small>(44-74)</small>	30.3 <small>(74+)</small>
Bicarbonate P, ppm	8			100.0 <small>(5-15)</small>			
Potassium (K), ppm	123	59					
K, % Base Saturation	4.5	2.2	0.7 <small>(<1.15)</small>	12.1 <small>(1.15-2.29)</small>	55.9 <small>(2.30-4.57)</small>	25.7 <small>(4.58-6.86)</small>	5.8 <small>(>6.86)</small>
Magnesium (Mg), ppm	179	101					
Mg, % Base Saturation	18.4	5.4	0.2 <small>(<5)</small>	4.1 <small>(5-10)</small>	23.6 <small>(10-15)</small>	61.4 <small>(15-25)</small>	10.7 <small>(25+)</small>
Calcium (Ca), ppm	1102	787					
Ca, % Base Saturation	63.1	12.7	9.0 <small>(<45)</small>	17.5 <small>(45-55)</small>	55.8 <small>(55-75)</small>	14.6 <small>(75-85)</small>	3.1 <small>(85+)</small>
pH (1:1)	6.5	0.6	0.7 <small>(<5.1)</small>	14.2 <small>(5.1-5.8)</small>	61.4 <small>(5.9-6.0)</small>	18.8 <small>(7.0-7.5)</small>	5.0 <small>(>7.5)</small>
CEC, meq/100g	8.2	4.6	3.9 <small>(<3.1)</small>	52.2 <small>(3.1-8.0)</small>	36.9 <small>(8.1-15.0)</small>	6.2 <small>(15.1-25.0)</small>	0.7 <small>(>25.0)</small>
Sulfur (S), ppm	8	29.5	1.8 <small>(<4)</small>	53.9 <small>(4-7)</small>	38.2 <small>(8-12)</small>	4.6 <small>(13-17)</small>	1.5 <small>(>17)</small>
Zinc (Zn), ppm	4.9	5.1		36.1 <small>(1.1-2.9)</small>	33.4 <small>(3.0-4.9)</small>	23.9 <small>(5.0-10.0)</small>	6.5 <small>(>10.0)</small>
Manganese (Mn), ppm	36	13	1.3 <small>(<6)</small>	6.9 <small>(6-14)</small>	13.2 <small>(15-19)</small>	66.2 <small>(20-49)</small>	12.4 <small>(>49)</small>
Iron (Fe), ppm	40	18		0.1 <small>(<5)</small>	0.3 <small>(5-9)</small>	78.0 <small>(10-50)</small>	21.6 <small>(>50)</small>
Copper (Cu), ppm	1.4	1.0		0.5 <small>(<0.4)</small>	48.3 <small>(0.4-1.1)</small>	46.0 <small>(1.2-3.0)</small>	5.3 <small>(>3.0)</small>
Boron (B), ppm	0.4	0.3	53.7 <small>(<0.4)</small>	22.3 <small>(0.4-0.5)</small>	21.2 <small>(0.6-1.2)</small>	2.6 <small>(1.3-2.5)</small>	0.2 <small>(>2.5)</small>
Nitrate (NO ₃ -N), ppm	29.1	39.5	18.0 <small>(<5)</small>	1.1 <small>(5-9)</small>	30.3 <small>(10-19)</small>	27.0 <small>(20-39)</small>	23.6 <small>(>39)</small>
Ammonium (NH ₄ -N), ppm	21.2	24.4	14.3 <small>(<5)</small>	28.6 <small>(5-9)</small>	28.6 <small>(10-19)</small>	14.3 <small>(20-39)</small>	14.3 <small>(>39)</small>