



Southwest 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,%	3.0	6.1	<small>(<1.0)</small> 4.0	<small>(1.0-2.5)</small> 66.8	<small>(2.5-5.0)</small> 24.5	<small>(5.0-7.0)</small> 1.6	<small>(7.0+)</small> 3.1
Phosphorus (P1), ppm	85	112	<small>(<10)</small> 3.4	<small>(10-20)</small> 9.9	<small>(20-30)</small> 12.4	<small>(30-50)</small> 21.6	<small>(50+)</small> 52.7
Phosphorus (P2), ppm	152	235	<small>(<14)</small> 4.1	<small>(14-29)</small> 13.1	<small>(29-44)</small> 11.9	<small>(44-74)</small> 13.1	<small>(74+)</small> 57.8
Potassium (K), ppm	126	146					
K, % Base Saturation	5.1	2.9	<small>(<1.29)</small> 2.0	<small>(1.29-2.56)</small> 13.9	<small>(2.57-5.12)</small> 51.3	<small>(5.13-7.68)</small> 25.0	<small>(>7.68)</small> 8.1
Magnesium (Mg), ppm	147	95					
Mg, % Base Saturation	17.8	6.7	<small>(<5)</small> 2.6	<small>(5-10)</small> 9.2	<small>(10-15)</small> 23.7	<small>(15-25)</small> 50.4	<small>(25+)</small> 14.1
Calcium (Ca), ppm	895	875					
Ca, % Base Saturation	59.6	16.1	<small>(<45)</small> 14.9	<small>(45-55)</small> 18.7	<small>(55-75)</small> 51.4	<small>(75-85)</small> 11.9	<small>(85+)</small> 3.1
pH (1:1)	6.4	0.7	<small>(<5.1)</small> 6.3	<small>(5.1-5.8)</small> 14.0	<small>(5.9-6.0)</small> 58.6	<small>(7.0-7.5)</small> 18.1	<small>(>7.5)</small> 3.0
CEC, meq/100g	7.2	5.0	<small>(<3.1)</small> 6.4	<small>(3.1-8.0)</small> 65.9	<small>(8.1-15.0)</small> 22.2	<small>(15.1-25.0)</small> 4.3	<small>(>25.0)</small> 1.2
Sulfur (S), ppm	12	15.5	<small>(<4)</small> 1.4	<small>(4-7)</small> 41.5	<small>(8-12)</small> 35.9	<small>(13-17)</small> 9.1	<small>(>17)</small> 12.1
Zinc (Zn), ppm	4.7	4.6	<small>(<1.0)</small> 40.3	<small>(1.1-2.9)</small> 32.2	<small>(3.0-4.9)</small> 20.0	<small>(5.0-10.0)</small> 7.5	<small>(>10.0)</small> 7.5
Manganese (Mn), ppm	35	18	<small>(<6)</small> 10.9	<small>(6-14)</small> 8.7	<small>(15-19)</small> 7.3	<small>(20-49)</small> 54.9	<small>(>49)</small> 18.3
Iron (Fe), ppm	43	28		<small>(<5)</small> 0.3	<small>(5-9)</small> 0.9	<small>(10-50)</small> 71.0	<small>(>50)</small> 27.8
Copper (Cu), ppm	1.8	2.1		<small>(<0.4)</small> 0.5	<small>(0.4-1.1)</small> 54.7	<small>(1.2-3.0)</small> 31.9	<small>(>3.0)</small> 12.9
Boron (B), ppm	0.3	0.3	<small>(<0.4)</small> 78.9	<small>(0.4-0.5)</small> 12.4	<small>(0.6-1.2)</small> 7.4	<small>(1.3-2.5)</small> 1.0	<small>(>2.5)</small> 0.3
Nitrate (NO ₃ -N), ppm	15.6	17.3	<small>(<5)</small> 23.1	<small>(5-9)</small> 17.6	<small>(10-19)</small> 35.2	<small>(20-39)</small> 15.4	<small>(>39)</small> 8.8
Ammonium (NH ₄ -N), ppm	4.3	1.7	<small>(<5)</small> 45.5	<small>(5-9)</small> 54.5	<small>(10-19)</small> 	<small>(20-39)</small> 	<small>(>39)</small>