



Southeast Wisconsin

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,%	3.1	3.6	<small>(<1.0)</small> 5.8	<small>(1.0-2.5)</small> 37.7	<small>(2.5-5.0)</small> 50.7	<small>(5.0-7.0)</small> 3.6	<small>(7.0+)</small> 2.1
Phosphorus (P1), ppm	61	60	<small>(<10)</small> 6.1	<small>(10-20)</small> 0.3	<small>(20-30)</small> 28.2	<small>(30-50)</small> 13.3	<small>(50+)</small> 41.0
Potassium (K), ppm	124	69					
K, % Base Saturation	2.8	1.5	<small>(<0.90)</small> 2.6	<small>(0.90-1.78)</small> 17.3	<small>(1.79-3.56)</small> 54.7	<small>(3.57-5.34)</small> 18.9	<small>(5.34+)</small> 8.0
Magnesium (Mg), ppm	376	206					
Mg, % Base Saturation	23.1	13.2	<small>(<5)</small> 36.4	<small>(5-10)</small> 17.9	<small>(10-15)</small> 14.6	<small>(15-25)</small> 10.9	<small>(25+)</small> 20.2
Calcium (Ca), ppm	1216	718					
Ca, % Base Saturation	65.2	17.5	<small>(<45)</small> 57.1	<small>(45-55)</small> 12.2	<small>(55-75)</small> 28.8	<small>(75-85)</small> 1.5	<small>(85+)</small> 0.5
pH (1:1)	6.5	0.7	<small>(<5.1)</small> 2.3	<small>(5.1-5.8)</small> 16.2	<small>(5.9-6.0)</small> 51.9	<small>(7.0-7.5)</small> 26.3	<small>(>7.5)</small> 3.4
CEC, meq/100g	11.2	6.3	<small>(<3.1)</small> 1.6	<small>(3.1-8.0)</small> 26.4	<small>(8.1-15.0)</small> 20.4	<small>(15.1-25.0)</small> 2.9	<small>(>25.0)</small> 48.7
Sulfur (S), ppm	9	4.9	<small>(<4)</small> 2.8	<small>(4-7)</small> 38.5	<small>(8-12)</small> 37.8	<small>(13-17)</small> 15.4	<small>(>17)</small> 5.6
Zinc (Zn), ppm	4.3	2.1	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 28.0	<small>(3.0-4.9)</small> 50.3	<small>(5.0-10.0)</small> 19.7	<small>(>10.0)</small> 2.1
Manganese (Mn), ppm	46	11	<small>(<6)</small> 0.5	<small>(6-14)</small> 0.5	<small>(15-19)</small> 2.7	<small>(20-49)</small> 60.9	<small>(>49)</small> 35.3
Iron (Fe), ppm	41	20		<small>(<5)</small>	<small>(5-9)</small>	<small>(10-50)</small> 69.1	<small>(>50)</small> 30.9
Copper (Cu), ppm	1.7	1.1		<small>(<0.4)</small>	<small>(0.4-1.1)</small> 38.1	<small>(1.2-3.0)</small> 58.3	<small>(>3.0)</small> 3.6
Boron (B), ppm	0.6	0.5	<small>(<0.4)</small> 48.4	<small>(0.4-0.5)</small> 14.1	<small>(0.6-1.2)</small> 24.5	<small>(1.3-2.5)</small> 13.0	<small>(>2.5)</small>
Nitrate (NO ₃ -N), ppm	28.9	16.1	<small>(<5)</small>	<small>(5-9)</small> 3.4	<small>(10-19)</small> 25.9	<small>(20-39)</small> 44.8	<small>(>39)</small> 25.9
Ammonium (NH ₄ -N), ppm	4.4	0.4	<small>(<5)</small> 25.0	<small>(5-9)</small> 75.0	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>