



Southeast Wisconsin

2018 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,%	3.6	2.5	<small>(<1.0)</small> 2.4	<small>(1.0-2.5)</small> 21.5	<small>(2.5-5.0)</small> 62.9	<small>(5.0-7.0)</small> 10.9	<small>(7.0+)</small> 2.3
Phosphorus (P1), ppm	48	47	<small>(<10)</small> 6.2	<small>(10-20)</small> 2.3	<small>(20-30)</small> 27.2	<small>(30-50)</small> 17.0	<small>(50+)</small> 33.4
Phosphorus (P2), ppm	67	75	<small>(<14)</small> 0.5	<small>(14-29)</small> 11.3	<small>(29-44)</small> 30.6	<small>(44-74)</small> 31.7	<small>(74+)</small> 25.8
Potassium (K), ppm	159	81					
K, % Base Saturation	3.2	1.1	<small>(<0.65)</small> 1.5	<small>(0.65-1.27)</small> 9.9	<small>(1.28-2.54)</small> 44.1	<small>(2.55-3.81)</small> 31.4	<small>(3.81+)</small> 14.3
Magnesium (Mg), ppm	478	184					
Mg, % Base Saturation	26.8	5.9	<small>(<5)</small> 0.1	<small>(5-10)</small> 1.0	<small>(10-15)</small> 2.3	<small>(15-25)</small> 19.1	<small>(25+)</small> 77.6
Calcium (Ca), ppm	1640	781					
Ca, % Base Saturation	61.5	9.1	<small>(<45)</small> 6.0	<small>(45-55)</small> 11.8	<small>(55-75)</small> 79.0	<small>(75-85)</small> 2.7	<small>(85+)</small> 0.5
pH (1:1)	6.8	0.6	<small>(<5.1)</small> 0.6	<small>(5.1-5.8)</small> 8.1	<small>(5.9-6.0)</small> 45.4	<small>(7.0-7.5)</small> 37.9	<small>(7.5+)</small> 8.0
CEC, meq/100g	17.6	4.5	<small>(<3.1)</small> 2.0	<small>(3.1-8.0)</small> 8.7	<small>(8.1-15.0)</small> 58.8	<small>(15.1-25.0)</small> 28.3	<small>(25.0+)</small> 2.2
Sulfur (S), ppm	10	2.8	<small>(<4)</small> 2.2	<small>(4-7)</small> 14.1	<small>(8-12)</small> 73.8	<small>(13-17)</small> 9.0	<small>(17+)</small> 1.0
Zinc (Zn), ppm	4.5	2.3	<small>(<1.0)</small> 16.2	<small>(1.1-2.9)</small> 57.7	<small>(3.0-4.9)</small> 22.7	<small>(5.0-10.0)</small> 3.5	<small>(10.0+)</small> 0.1
Manganese (Mn), ppm	48	13	<small>(<6)</small> 1.9	<small>(6-14)</small> 56.5	<small>(15-19)</small> 41.5	<small>(20-49)</small> 0.1	<small>(49+)</small> 0.1
Iron (Fe), ppm	35	16		<small>(<5)</small> 2.8	<small>(5-9)</small> 0.8	<small>(10-50)</small> 83.5	<small>(50+)</small> 13.0
Copper (Cu), ppm	1.9	0.7		<small>(<0.4)</small> 11.8	<small>(0.4-1.1)</small> 82.3	<small>(1.2-3.0)</small> 5.9	<small>(3.0+)</small> 0.1
Boron (B), ppm	0.9	0.5	<small>(<0.4)</small> 12.7	<small>(0.4-0.5)</small> 19.6	<small>(0.6-1.2)</small> 46.9	<small>(1.3-2.5)</small> 20.4	<small>(2.5+)</small> 0.4
Nitrate (NO ₃ -N), ppm	30.1	22.8	<small>(<5)</small> 8.0	<small>(5-9)</small> 15.2	<small>(10-19)</small> 17.6	<small>(20-39)</small> 31.2	<small>(39+)</small> 28.0
Ammonium (NH ₄ -N), ppm	6.0	5.5	<small>(<5)</small> 6.8	<small>(5-9)</small> 91.5	<small>(10-19)</small> 1.7	<small>(20-39)</small> 0.1	<small>(39+)</small> 0.1