

Southeast Wisconsin

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,%	3.4	3.2	<small>(<1.0)</small> 3.2	<small>(1.0-2.5)</small> 23.5	<small>(2.5-5.0)</small> 64.3	<small>(5.0-7.0)</small> 6.5	<small>(7.0+)</small> 2.5
Phosphorus (P1), ppm	46	47	<small>(<10)</small> 8.4	<small>(10-20)</small> 1.9	<small>(20-30)</small> 29.2	<small>(30-50)</small> 11.9	<small>(50+)</small> 31.1
Phosphorus (P2), ppm	137	90	<small>(<14)</small>	<small>(14-29)</small> 3.8	<small>(29-44)</small> 13.5	<small>(44-74)</small> 13.5	<small>(74+)</small> 69.2
Potassium (K), ppm	135	73					
K, % Base Saturation	3.1	1.5	<small>(<0.69)</small> 1.8	<small>(0.69-1.35)</small> 15.6	<small>(1.36-2.71)</small> 50.9	<small>(2.72-4.06)</small> 22.7	<small>(>4.06)</small> 9.8
Magnesium (Mg), ppm	470	202					
Mg, % Base Saturation	28.7	6.0	<small>(<5)</small> 2.0	<small>(5-10)</small> 1.5	<small>(10-15)</small> 2.2	<small>(15-25)</small> 12.8	<small>(25+)</small> 81.5
Calcium (Ca), ppm	1484	705					
Ca, % Base Saturation	60.8	11.8	<small>(<45)</small> 8.7	<small>(45-55)</small> 10.1	<small>(55-75)</small> 78.8	<small>(75-85)</small> 2.1	<small>(85+)</small> 0.2
pH (1:1)	6.9	0.7	<small>(<5.1)</small> 0.9	<small>(5.1-5.8)</small> 8.7	<small>(5.9-6.0)</small> 38.1	<small>(7.0-7.5)</small> 38.7	<small>(>7.5)</small> 13.6
CEC, meq/100g	16.1	5.1	<small>(<3.1)</small> 1.6	<small>(3.1-8.0)</small> 13.7	<small>(8.1-15.0)</small> 60.7	<small>(15.1-25.0)</small> 19.6	<small>(>25.0)</small> 4.4
Sulfur (S), ppm	8	3.0	<small>(<4)</small> 1.1	<small>(4-7)</small> 57.8	<small>(8-12)</small> 35.9	<small>(13-17)</small> 3.4	<small>(>17)</small> 1.8
Zinc (Zn), ppm	7.1	4.2	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 15.2	<small>(3.0-4.9)</small> 20.3	<small>(5.0-10.0)</small> 42.0	<small>(>10.0)</small> 22.5
Manganese (Mn), ppm	47	15	<small>(<6)</small>	<small>(6-14)</small> 0.7	<small>(15-19)</small> 8.7	<small>(20-49)</small> 49.3	<small>(>49)</small> 41.3
Iron (Fe), ppm	38	20		<small>(<5)</small>	<small>(5-9)</small>	<small>(10-50)</small> 78.8	<small>(>50)</small> 21.2
Copper (Cu), ppm	2.0	1.4		<small>(<0.4)</small>	<small>(0.4-1.1)</small> 28.5	<small>(1.2-3.0)</small> 59.9	<small>(>3.0)</small> 11.7
Boron (B), ppm	0.5	0.4	<small>(<0.4)</small> 57.2	<small>(0.4-0.5)</small> 12.3	<small>(0.6-1.2)</small> 24.6	<small>(1.3-2.5)</small> 5.8	<small>(>2.5)</small>
Nitrate (NO ₃ -N), ppm	17.8	17.4	<small>(<5)</small> 7.0	<small>(5-9)</small> 40.6	<small>(10-19)</small> 18.8	<small>(20-39)</small> 21.1	<small>(>39)</small> 12.5
Ammonium (NH ₄ -N), ppm	4.6	2.5	<small>(<5)</small> 50.0	<small>(5-9)</small> 50.0	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>