



Southeast Wisconsin

2021 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,%	4.9	6.3	<small>(<1.0)</small> 0.4	<small>(1.0-2.5)</small> 3.5	<small>(2.5-5.0)</small> 79.5	<small>(5.0-7.0)</small> 11.9	<small>(7.0+)</small> 4.7
Phosphorus (P1), ppm	39	37	<small>(<10)</small> 11.2	<small>(10-20)</small> 0.4	<small>(20-30)</small> 29.6	<small>(30-50)</small> 8.4	<small>(50+)</small> 27.1
Phosphorus (P2), ppm	27	6	<small>(<14)</small>	<small>(14-29)</small> 50.0	<small>(29-44)</small> 50.0	<small>(44-74)</small>	<small>(74+)</small>
Potassium (K), ppm	132	63					
K, % Base Saturation	2.5	1.5	<small>(<1.47)</small> 1.8	<small>(1.47-2.92)</small> 3.7	<small>(2.93-5.83)</small> 45.7	<small>(5.84-8.75)</small> 27.5	<small>(>8.75)</small> 21.4
Magnesium (Mg), ppm	622	309					
Mg, % Base Saturation	24.8	4.5	<small>(<5)</small>	<small>(5-10)</small>	<small>(10-15)</small>	<small>(15-25)</small> 14.3	<small>(25+)</small> 85.7
Calcium (Ca), ppm	1940	781					
Ca, % Base Saturation	64.2	3.7	<small>(<45)</small>	<small>(45-55)</small> 2.9	<small>(55-75)</small> 97.1	<small>(75-85)</small>	<small>(85+)</small>
pH (1:1)	7.3	0.5	<small>(<5.1)</small> 0.2	<small>(5.1-5.8)</small> 2.3	<small>(5.9-6.9)</small> 9.6	<small>(7.0-7.5)</small> 55.9	<small>(>7.5)</small> 32.0
CEC, meq/100g	6.2	1.1	<small>(<3.1)</small>	<small>(3.1-8.0)</small> 22.9	<small>(8.1-15.0)</small> 17.1	<small>(15.1-25.0)</small> 54.3	<small>(>25.0)</small> 5.7
Sulfur (S), ppm	6	1.0	<small>(<4)</small>	<small>(4-7)</small> 100.0	<small>(8-12)</small>	<small>(13-17)</small>	<small>(>17)</small>
Zinc (Zn), ppm	2.4	1.0	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 50.0	<small>(3.0-4.9)</small> 50.0	<small>(5.0-10.0)</small>	<small>(>10.0)</small>
Manganese (Mn), ppm	18	1	<small>(<6)</small>	<small>(6-14)</small>	<small>(15-19)</small> 100.0	<small>(20-49)</small>	<small>(>49)</small>
Iron (Fe), ppm	14	5		<small>(<5)</small>	<small>(5-9)</small> 50.0	<small>(10-50)</small> 50.0	<small>(>50)</small>
Copper (Cu), ppm	1.1	0.3		<small>(<0.4)</small>	<small>(0.4-1.1)</small> 50.0	<small>(1.2-3.0)</small> 50.0	<small>(>3.0)</small>
Boron (B), ppm	0.2		<small>(<0.4)</small> 100.0	<small>(0.4-0.5)</small>	<small>(0.6-1.2)</small>	<small>(1.3-2.5)</small>	<small>(>2.5)</small>