



Southeast Wisconsin

2022 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,%	3.9	4.5	<small>(<1.0)</small> 5.3	<small>(1.0-2.5)</small> 26.5	<small>(2.5-5.0)</small> 51.5	<small>(5.0-7.0)</small> 10.7	<small>(7.0+)</small> 6.0
Phosphorus (P1), ppm	64	61	<small>(<10)</small> 5.3	<small>(10-20)</small> 2.6	<small>(20-30)</small> 23.9	<small>(30-50)</small> 16.2	<small>(50+)</small> 43.0
Potassium (K), ppm	140	69					
K, % Base Saturation	3.0	1.2	<small>(<0.67)</small> 0.8	<small>(0.67-1.31)</small> 12.1	<small>(1.32-2.63)</small> 49.3	<small>(2.64-3.94)</small> 28.9	<small>(>3.94)</small> 9.0
Magnesium (Mg), ppm	392	211					
Mg, % Base Saturation	26.4	5.7	<small>(<5)</small> 0.6	<small>(5-10)</small> 2.3	<small>(10-15)</small> 4.5	<small>(15-25)</small> 24.7	<small>(25+)</small> 67.9
Calcium (Ca), ppm	1566	1614					
Ca, % Base Saturation	61.7	9.8	<small>(<45)</small> 4.9	<small>(45-55)</small> 10.1	<small>(55-75)</small> 78.9	<small>(75-85)</small> 4.5	<small>(85+)</small> 1.7
pH (1:1)	6.6	0.7	<small>(<5.1)</small> 1.9	<small>(5.1-5.8)</small> 15.3	<small>(5.9-6.9)</small> 49.2	<small>(7.0-7.5)</small> 24.5	<small>(>7.5)</small> 9.0
CEC, meq/100g	16.8	5.7	<small>(<3.1)</small> 5.1	<small>(3.1-8.0)</small> 22.4	<small>(8.1-15.0)</small> 48.8	<small>(15.1-25.0)</small> 19.8	<small>(>25.0)</small> 3.9
Sulfur (S), ppm	10	16.1	<small>(<4)</small> 2.0	<small>(4-7)</small> 40.8	<small>(8-12)</small> 41.0	<small>(13-17)</small> 10.1	<small>(>17)</small> 6.1
Zinc (Zn), ppm	4.7	3.1	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 26.2	<small>(3.0-4.9)</small> 41.6	<small>(5.0-10.0)</small> 27.6	<small>(>10.0)</small> 4.5
Manganese (Mn), ppm	46	14	<small>(<6)</small> 0.4	<small>(6-14)</small> 1.5	<small>(15-19)</small> 4.9	<small>(20-49)</small> 57.6	<small>(>49)</small> 35.6
Iron (Fe), ppm	36	21		<small>(<5)</small> 1.4	<small>(5-9)</small> 1.7	<small>(10-50)</small> 78.8	<small>(>50)</small> 18.0
Copper (Cu), ppm	2.2	2.3		<small>(<0.4)</small> 0.5	<small>(0.4-1.1)</small> 29.5	<small>(1.2-3.0)</small> 53.9	<small>(>3.0)</small> 16.1
Boron (B), ppm	0.9	0.6	<small>(<0.4)</small> 17.0	<small>(0.4-0.5)</small> 19.0	<small>(0.6-1.2)</small> 43.7	<small>(1.3-2.5)</small> 17.8	<small>(>2.5)</small> 2.6