



# Southeast Wisconsin

## 2020 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	3.2	<small>(&lt;1.0)</small> 5.3	<small>(1.0-2.5)</small> 26.0	<small>(2.5-5.0)</small> 54.1	<small>(5.0-7.0)</small> 10.6	<small>(7.0+)</small> 4.0
Phosphorus (P1), ppm	62	72	<small>(&lt;10)</small> 6.0	<small>(10-20)</small> 2.5	<small>(20-30)</small> 21.9	<small>(30-50)</small> 17.8	<small>(50+)</small> 41.8
Phosphorus (P2), ppm	177	165	<small>(&lt;14)</small>	<small>(14-29)</small> 40.0	<small>(29-44)</small>	<small>(44-74)</small>	<small>(74+)</small> 60.0
Bicarbonate P, ppm	71	29	<small>(&lt;5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 33.3	<small>(45+)</small> 66.7
Potassium (K), ppm	143	73					
K, % Base Saturation	3.3	1.3	<small>(&lt;0.69)</small> 1.0	<small>(0.69-1.37)</small> 11.3	<small>(1.38-2.73)</small> 49.1	<small>(2.74-4.10)</small> 28.4	<small>(&gt;4.10)</small> 10.4
Magnesium (Mg), ppm	432	226					
Mg, % Base Saturation	28.8	6.1	<small>(&lt;5)</small> 0.3	<small>(5-10)</small> 2.2	<small>(10-15)</small> 4.2	<small>(15-25)</small> 20.4	<small>(25+)</small> 72.9
Calcium (Ca), ppm	1503	1042					
Ca, % Base Saturation	61.4	8.8	<small>(&lt;45)</small> 3.8	<small>(45-55)</small> 10.8	<small>(55-75)</small> 80.2	<small>(75-85)</small> 4.3	<small>(85+)</small> 0.9
pH (1:1)	6.7	0.7	<small>(&lt;5.1)</small> 1.2	<small>(5.1-5.8)</small> 10.8	<small>(5.9-6.9)</small> 45.7	<small>(7.0-7.5)</small> 32.7	<small>(&gt;7.5)</small> 9.6
CEC, meq/100g	15.9	4.7	<small>(&lt;3.1)</small> 4.8	<small>(3.1-8.0)</small> 19.2	<small>(8.1-15.0)</small> 50.4	<small>(15.1-25.0)</small> 23.3	<small>(&gt;25.0)</small> 2.4
Sulfur (S), ppm	8	5.6	<small>(&lt;4)</small> 2.7	<small>(4-7)</small> 51.4	<small>(8-12)</small> 37.0	<small>(13-17)</small> 6.0	<small>(&gt;17)</small> 3.0
Zinc (Zn), ppm	5.4	3.7	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 21.1	<small>(3.0-4.9)</small> 40.6	<small>(5.0-10.0)</small> 29.6	<small>(&gt;10.0)</small> 8.6
Manganese (Mn), ppm	43	14	<small>(&lt;6)</small> 0.4	<small>(6-14)</small> 2.5	<small>(15-19)</small> 3.8	<small>(20-49)</small> 66.3	<small>(&gt;49)</small> 26.9
Iron (Fe), ppm	35	20		<small>(&lt;5)</small> 2.7	<small>(5-9)</small> 1.7	<small>(10-50)</small> 79.6	<small>(&gt;50)</small> 15.9
Copper (Cu), ppm	1.9	1.0		<small>(&lt;0.4)</small> 0.4	<small>(0.4-1.1)</small> 21.5	<small>(1.2-3.0)</small> 66.9	<small>(&gt;3.0)</small> 11.2
Boron (B), ppm	0.8	0.8	<small>(&lt;0.4)</small> 26.2	<small>(0.4-0.5)</small> 21.2	<small>(0.6-1.2)</small> 37.0	<small>(1.3-2.5)</small> 11.7	<small>(&gt;2.5)</small> 3.9
Nitrate (NO <sub>3</sub> -N), ppm	22.8	13.6	<small>(&lt;5)</small>	<small>(5-9)</small> 8.6	<small>(10-19)</small> 39.7	<small>(20-39)</small> 39.7	<small>(&gt;39)</small> 12.1