



Southern 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,%	3.5	3.6	<small>(<1.0)</small> 3.0	<small>(1.0-2.5)</small> 32.8	<small>(2.5-5.0)</small> 52.0	<small>(5.0-7.0)</small> 8.3	<small>(7.0+)</small> 3.9
Phosphorus (P1), ppm	46	48	<small>(<10)</small> 8.7	<small>(10-20)</small> 2.4	<small>(20-30)</small> 30.1	<small>(30-50)</small> 12.6	<small>(50+)</small> 28.7
Phosphorus (P2), ppm	55	43	<small>(<14)</small> 3.2	<small>(14-29)</small> 25.8	<small>(29-44)</small> 24.5	<small>(44-74)</small> 22.9	<small>(74+)</small> 23.5
Potassium (K), ppm	131	65					
K, % Base Saturation	3.0	1.2	<small>(<0.71)</small> 0.6	<small>(0.71-1.40)</small> 12.2	<small>(1.41-2.80)</small> 55.7	<small>(2.81-4.21)</small> 23.8	<small>(4.21+)</small> 7.7
Magnesium (Mg), ppm	396	185					
Mg, % Base Saturation	27.0	5.8	<small>(<5)</small> 0.3	<small>(5-10)</small> 1.3	<small>(10-15)</small> 2.7	<small>(15-25)</small> 17.6	<small>(25+)</small> 77.9
Calcium (Ca), ppm	1427	1237					
Ca, % Base Saturation	59.1	8.7	<small>(<45)</small> 4.5	<small>(45-55)</small> 10.3	<small>(55-75)</small> 81.1	<small>(75-85)</small> 3.0	<small>(85+)</small> 1.0
pH (1:1)	6.5	0.7	<small>(<5.1)</small> 1.7	<small>(5.1-5.8)</small> 14.8	<small>(5.9-6.9)</small> 53.8	<small>(7.0-7.5)</small> 23.5	<small>(7.5+)</small> 6.0
CEC, meq/100g	15.3	5.8	<small>(<3.1)</small> 2.5	<small>(3.1-8.0)</small> 23.7	<small>(8.1-15.0)</small> 56.6	<small>(15.1-25.0)</small> 14.9	<small>(25.0+)</small> 2.3
Sulfur (S), ppm	9	10.6	<small>(<4)</small> 2.2	<small>(4-7)</small> 48.4	<small>(8-12)</small> 38.9	<small>(13-17)</small> 7.4	<small>(17+)</small> 2.8
Zinc (Zn), ppm	4.3	3.9	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 34.9	<small>(3.0-4.9)</small> 39.1	<small>(5.0-10.0)</small> 22.0	<small>(10.0+)</small> 3.6
Manganese (Mn), ppm	49	15	<small>(<6)</small> 0.4	<small>(6-14)</small> 1.1	<small>(15-19)</small> 2.8	<small>(20-49)</small> 52.3	<small>(49+)</small> 43.0
Iron (Fe), ppm	33	22		<small>(<5)</small> 2.5	<small>(5-9)</small> 4.4	<small>(10-50)</small> 77.9	<small>(50+)</small> 14.8
Copper (Cu), ppm	1.6	1.8		<small>(<0.4)</small> 0.6	<small>(0.4-1.1)</small> 49.5	<small>(1.2-3.0)</small> 40.0	<small>(3.0+)</small> 9.6
Boron (B), ppm	0.6	0.8	<small>(<0.4)</small> 33.3	<small>(0.4-0.5)</small> 24.8	<small>(0.6-1.2)</small> 30.4	<small>(1.3-2.5)</small> 9.7	<small>(2.5+)</small> 1.4
Nitrate (NO3-N), ppm	9.1	3.1	<small>(<5)</small> 1.9	<small>(5-9)</small> 51.5	<small>(10-19)</small> 46.6	<small>(20-39)</small>	<small>(39+)</small>