



Southwest 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,%	3.3	2.9	<small>(<1.0)</small> 1.5	<small>(1.0-2.5)</small> 36.9	<small>(2.5-5.0)</small> 52.4	<small>(5.0-7.0)</small> 6.7	<small>(7.0+)</small> 2.5
Phosphorus (P1), ppm	35	33	<small>(<10)</small> 10.9	<small>(10-20)</small> 2.2	<small>(20-30)</small> 34.2	<small>(30-50)</small> 10.4	<small>(50+)</small> 19.5
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	126	62					
K, % Base Saturation	3.0	1.4	<small>(<0.82)</small> 0.4	<small>(0.82-1.63)</small> 12.3	<small>(1.64-3.26)</small> 59.8	<small>(3.27-4.89)</small> 20.5	<small>(>4.89)</small> 6.9
Magnesium (Mg), ppm	398	165					
Mg, % Base Saturation	28.1	5.9	<small>(<5)</small> 0.1	<small>(5-10)</small> 0.7	<small>(10-15)</small> 1.6	<small>(15-25)</small> 13.0	<small>(25+)</small> 84.3
Calcium (Ca), ppm	1337	901					
Ca, % Base Saturation	54.2	7.8	<small>(<45)</small> 4.2	<small>(45-55)</small> 10.4	<small>(55-75)</small> 82.5	<small>(75-85)</small> 2.0	<small>(85+)</small> 0.6
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 1.6	<small>(5.1-5.8)</small> 14.5	<small>(5.9-6.9)</small> 56.8	<small>(7.0-7.5)</small> 22.9	<small>(>7.5)</small> 4.0
CEC, meq/100g	12.6	4.8	<small>(<3.1)</small> 0.8	<small>(3.1-8.0)</small> 24.5	<small>(8.1-15.0)</small> 61.7	<small>(15.1-25.0)</small> 11.7	<small>(>25.0)</small> 1.3
Sulfur (S), ppm	8	4.1	<small>(<4)</small> 2.3	<small>(4-7)</small> 53.3	<small>(8-12)</small> 37.5	<small>(13-17)</small> 5.6	<small>(>17)</small> 0.7
Zinc (Zn), ppm	4.1	4.3	<small>(<1.0)</small> 0.1	<small>(1.1-2.9)</small> 40.5	<small>(3.0-4.9)</small> 37.5	<small>(5.0-10.0)</small> 18.3	<small>(>10.0)</small> 2.9
Manganese (Mn), ppm	51	16	<small>(<6)</small> 0.5	<small>(6-14)</small> 0.8	<small>(15-19)</small> 1.5	<small>(20-49)</small> 48.8	<small>(>49)</small> 47.8
Iron (Fe), ppm	30	22		<small>(<5)</small> 3.1	<small>(5-9)</small> 6.2	<small>(10-50)</small> 77.4	<small>(>50)</small> 12.7
Copper (Cu), ppm	1.2	1.3		<small>(<0.4)</small> 0.7	<small>(0.4-1.1)</small> 62.5	<small>(1.2-3.0)</small> 30.9	<small>(>3.0)</small> 5.3
Boron (B), ppm	0.4	0.9	<small>(<0.4)</small> 43.9	<small>(0.4-0.5)</small> 28.6	<small>(0.6-1.2)</small> 21.8	<small>(1.3-2.5)</small> 4.4	<small>(>2.5)</small> 0.7
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>