



Wisconsin

2019 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> 4.8	<small>(1.0-2.5)</small> 32.2	<small>(2.5-5.0)</small> 51.6	<small>(5.0-7.0)</small> 8.6	<small>(7.0+)</small> 2.7
Phosphorus (P1), ppm	54	55	<small>(<10)</small> 6.9	<small>(10-20)</small> 2.1	<small>(20-30)</small> 27.1	<small>(30-50)</small> 13.3	<small>(50+)</small> 35.8
Phosphorus (P2), ppm	76	60	<small>(<14)</small> 5.8	<small>(14-29)</small> 13.1	<small>(29-44)</small> 15.3	<small>(44-74)</small> 32.8	<small>(74+)</small> 32.8
Potassium (K), ppm	142	75					
K, % Base Saturation	3.1	1.4	<small>(<0.72)</small> 1.1	<small>(0.72-1.43)</small> 9.6	<small>(1.44-2.85)</small> 52.8	<small>(2.86-4.28)</small> 25.7	<small>(>4.28)</small> 11.2
Magnesium (Mg), ppm	426	217					
Mg, % Base Saturation	26.6	5.6	<small>(<5)</small> 0.2	<small>(5-10)</small> 1.1	<small>(10-15)</small> 3.1	<small>(15-25)</small> 21.0	<small>(25+)</small> 74.7
Calcium (Ca), ppm	1436	998					
Ca, % Base Saturation	60.4	8.8	<small>(<45)</small> 5.4	<small>(45-55)</small> 12.7	<small>(55-75)</small> 77.8	<small>(75-85)</small> 3.4	<small>(85+)</small> 0.7
pH (1:1)	6.6	0.6	<small>(<5.1)</small> 1.0	<small>(5.1-5.8)</small> 11.5	<small>(5.9-6.9)</small> 58.0	<small>(7.0-7.5)</small> 25.3	<small>(>7.5)</small> 4.2
CEC, meq/100g	15.0	5.1	<small>(<3.1)</small> 3.6	<small>(3.1-8.0)</small> 20.9	<small>(8.1-15.0)</small> 53.2	<small>(15.1-25.0)</small> 20.1	<small>(>25.0)</small> 2.1
Sulfur (S), ppm	8	7.7	<small>(<4)</small> 4.7	<small>(4-7)</small> 54.9	<small>(8-12)</small> 34.9	<small>(13-17)</small> 3.4	<small>(>17)</small> 2.1
Zinc (Zn), ppm	4.7	3.4	<small>(<1.0)</small> 28.5	<small>(1.1-2.9)</small> 40.7	<small>(3.0-4.9)</small> 25.7	<small>(5.0-10.0)</small> 5.1	<small>(>10.0)</small> 5.1
Manganese (Mn), ppm	52	18	<small>(<6)</small> 1.5	<small>(6-14)</small> 1.2	<small>(15-19)</small> 2.2	<small>(20-49)</small> 44.1	<small>(>49)</small> 51.0
Iron (Fe), ppm	33	20		<small>(<5)</small> 3.0	<small>(5-9)</small> 3.6	<small>(10-50)</small> 79.5	<small>(>50)</small> 13.9
Copper (Cu), ppm	1.5	1.1		<small>(<0.4)</small> 0.3	<small>(0.4-1.1)</small> 43.3	<small>(1.2-3.0)</small> 50.3	<small>(>3.0)</small> 6.1
Boron (B), ppm	0.6	0.5	<small>(<0.4)</small> 30.1	<small>(0.4-0.5)</small> 23.6	<small>(0.6-1.2)</small> 37.1	<small>(1.3-2.5)</small> 8.3	<small>(>2.5)</small> 0.8
Nitrate (NO ₃ -N), ppm	16.7	19.3	<small>(<5)</small> 20.6	<small>(5-9)</small> 26.8	<small>(10-19)</small> 23.7	<small>(20-39)</small> 19.5	<small>(>39)</small> 9.4
Ammonium (NH ₄ -N), ppm	5.4	4.9	<small>(<5)</small> 45.2	<small>(5-9)</small> 42.9	<small>(10-19)</small> 7.1	<small>(20-39)</small> 4.8	<small>(>39)</small> 4.8