



State of Wisconsin

2016 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	2.8	<small>(<1.0)</small> 3.0	<small>(1.0-2.5)</small> 31.8	<small>(2.5-5.0)</small> 56.5	<small>(5.0-7.0)</small> 5.8	<small>(7.0+)</small> 2.8
Phosphorus (P1), ppm	51	55	<small>(<10)</small> 9.3	<small>(10-20)</small> 1.9	<small>(20-30)</small> 29.3	<small>(30-50)</small> 12.6	<small>(50+)</small> 31.3
Phosphorus (P2), ppm	114		<small>(<14)</small>	<small>(14-29)</small>	<small>(29-44)</small>	<small>(44-74)</small>	<small>(74+)</small> 100.0
Bicarbonate P, ppm	33		<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 100.0	<small>(45+)</small>
Potassium (K), ppm	142	81					
K, % Base Saturation	3.2	2.0	<small>(<0.75)</small> 1.7	<small>(0.75-1.47)</small> 8.8	<small>(1.48-2.95)</small> 44.8	<small>(2.96-4.42)</small> 27.0	<small>(>4.42)</small> 18.5
Magnesium (Mg), ppm	411	212					
Mg, % Base Saturation	28.4	8.3	<small>(<5)</small> 20.4	<small>(5-10)</small> 10.1	<small>(10-15)</small> 5.7	<small>(15-25)</small> 16.7	<small>(25+)</small> 47.0
Calcium (Ca), ppm	1344	1116					
Ca, % Base Saturation	56.8	24.1	<small>(<45)</small> 37.5	<small>(45-55)</small> 23.4	<small>(55-75)</small> 35.6	<small>(75-85)</small> 1.3	<small>(85+)</small> 2.2
pH (1:1)	6.6	0.6	<small>(<5.1)</small> 1.4	<small>(5.1-5.8)</small> 11.9	<small>(5.9-6.0)</small> 56.8	<small>(7.0-7.5)</small> 26.3	<small>(>7.5)</small> 3.6
CEC, meq/100g	14.4	11.0	<small>(<3.1)</small> 0.6	<small>(3.1-8.0)</small> 12.7	<small>(8.1-15.0)</small> 46.0	<small>(15.1-25.0)</small> 10.5	<small>(>25.0)</small> 30.2
Sulfur (S), ppm	14	85.8	<small>(<4)</small> 4.0	<small>(4-7)</small> 52.0	<small>(8-12)</small> 37.1	<small>(13-17)</small> 4.0	<small>(>17)</small> 3.0
Zinc (Zn), ppm	4.6	3.4	<small>(<1.0)</small> 0.1	<small>(1.1-2.9)</small> 32.3	<small>(3.0-4.9)</small> 38.9	<small>(5.0-10.0)</small> 23.1	<small>(>10.0)</small> 5.7
Manganese (Mn), ppm	51	20	<small>(<6)</small> 4.7	<small>(6-14)</small> 1.9	<small>(15-19)</small> 2.5	<small>(20-49)</small> 39.4	<small>(>49)</small> 51.5
Iron (Fe), ppm	36	24		<small>(<5)</small> 3.6	<small>(5-9)</small> 3.3	<small>(10-50)</small> 73.1	<small>(>50)</small> 20.0
Copper (Cu), ppm	1.7	1.3		<small>(<0.4)</small> 0.6	<small>(0.4-1.1)</small> 39.9	<small>(1.2-3.0)</small> 48.7	<small>(>3.0)</small> 10.8
Boron (B), ppm	0.5	1.8	<small>(<0.4)</small> 55.5	<small>(0.4-0.5)</small> 21.2	<small>(0.6-1.2)</small> 18.5	<small>(1.3-2.5)</small> 3.8	<small>(>2.5)</small> 1.0
Nitrate (NO ₃ -N), ppm	16.6	15.3	<small>(<5)</small> 9.8	<small>(5-9)</small> 32.0	<small>(10-19)</small> 29.7	<small>(20-39)</small> 18.0	<small>(>39)</small> 10.5
Ammonium (NH ₄ -N), ppm	5.5	4.8	<small>(<5)</small> 51.9	<small>(5-9)</small> 37.0	<small>(10-19)</small> 9.3	<small>(20-39)</small> 1.9	<small>(>39)</small>