



Southern 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	2.7	<small>(<1.0)</small> 1.8	<small>(1.0-2.5)</small> 31.3	<small>(2.5-5.0)</small> 58.4	<small>(5.0-7.0)</small> 5.7	<small>(7.0+)</small> 2.8
Phosphorus (P1), ppm	47	48	<small>(<10)</small> 9.1	<small>(10-20)</small> 2.0	<small>(20-30)</small> 30.3	<small>(30-50)</small> 12.9	<small>(50+)</small> 29.5
Potassium (K), ppm	145	82					
K, % Base Saturation	3.2	1.9	<small>(<0.78)</small> 1.0	<small>(0.78-1.53)</small> 8.4	<small>(1.54-3.07)</small> 44.9	<small>(3.08-4.60)</small> 26.9	<small>(>4.60)</small> 19.3
Magnesium (Mg), ppm	426	200					
Mg, % Base Saturation	28.9	7.9	<small>(<5)</small> 20.1	<small>(5-10)</small> 10.0	<small>(10-15)</small> 5.6	<small>(15-25)</small> 16.3	<small>(25+)</small> 48.0
Calcium (Ca), ppm	1349	910					
Ca, % Base Saturation	56.1	24.5	<small>(<45)</small> 37.8	<small>(45-55)</small> 23.9	<small>(55-75)</small> 35.6	<small>(75-85)</small> 1.2	<small>(85+)</small> 1.6
pH (1:1)	6.6	0.6	<small>(<5.1)</small> 1.0	<small>(5.1-5.8)</small> 12.0	<small>(5.9-6.0)</small> 58.8	<small>(7.0-7.5)</small> 25.9	<small>(>7.5)</small> 2.3
CEC, meq/100g	13.6	7.9	<small>(<3.1)</small> 0.5	<small>(3.1-8.0)</small> 12.9	<small>(8.1-15.0)</small> 46.4	<small>(15.1-25.0)</small> 10.6	<small>(>25.0)</small> 29.6
Sulfur (S), ppm	7	3.3	<small>(<4)</small> 3.4	<small>(4-7)</small> 53.7	<small>(8-12)</small> 38.2	<small>(13-17)</small> 3.6	<small>(>17)</small> 1.1
Zinc (Zn), ppm	4.2	2.3	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 31.4	<small>(3.0-4.9)</small> 42.2	<small>(5.0-10.0)</small> 24.2	<small>(>10.0)</small> 2.2
Manganese (Mn), ppm	55	17	<small>(<6)</small> 0.7	<small>(6-14)</small> 0.8	<small>(15-19)</small> 1.4	<small>(20-49)</small> 41.4	<small>(>49)</small> 55.8
Iron (Fe), ppm	33	21		<small>(<5)</small> 3.1	<small>(5-9)</small> 3.1	<small>(10-50)</small> 78.9	<small>(>50)</small> 14.9
Copper (Cu), ppm	1.5	1.0		<small>(<0.4)</small> 0.2	<small>(0.4-1.1)</small> 40.9	<small>(1.2-3.0)</small> 51.8	<small>(>3.0)</small> 7.0
Boron (B), ppm	0.5	0.4	<small>(<0.4)</small> 52.8	<small>(0.4-0.5)</small> 23.3	<small>(0.6-1.2)</small> 19.4	<small>(1.3-2.5)</small> 4.2	<small>(>2.5)</small> 0.4
Nitrate (NO ₃ -N), ppm	15.6	13.9	<small>(<5)</small> 10.3	<small>(5-9)</small> 32.8	<small>(10-19)</small> 30.4	<small>(20-39)</small> 17.6	<small>(>39)</small> 8.8
Ammonium (NH ₄ -N), ppm	4.3	0.5	<small>(<5)</small> 27.3	<small>(5-9)</small> 72.7	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>