



Southwest 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,%	3.4	2.4	<small>(<1.0)</small> 0.8	<small>(1.0-2.5)</small> 29.6	<small>(2.5-5.0)</small> 60.4	<small>(5.0-7.0)</small> 6.2	<small>(7.0+)</small> 3.0
Phosphorus (P1), ppm	43	44	<small>(<10)</small> 10.0	<small>(10-20)</small> 2.5	<small>(20-30)</small> 30.9	<small>(30-50)</small> 12.8	<small>(50+)</small> 26.5
Potassium (K), ppm	150	84					
K, % Base Saturation	3.2	1.9	<small>(<0.77)</small> 0.6	<small>(0.77-1.53)</small> 6.0	<small>(1.54-3.06)</small> 42.3	<small>(3.07-4.59)</small> 29.0	<small>(>4.59)</small> 22.3
Magnesium (Mg), ppm	462	186					
Mg, % Base Saturation	29.1	7.7	<small>(<5)</small> 14.9	<small>(5-10)</small> 7.5	<small>(10-15)</small> 2.8	<small>(15-25)</small> 18.1	<small>(25+)</small> 56.7
Calcium (Ca), ppm	1445	1016					
Ca, % Base Saturation	55.9	26.9	<small>(<45)</small> 31.7	<small>(45-55)</small> 27.5	<small>(55-75)</small> 37.7	<small>(75-85)</small> 1.1	<small>(85+)</small> 2.0
pH (1:1)	6.6	0.6	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 10.9	<small>(5.9-6.0)</small> 60.6	<small>(7.0-7.5)</small> 25.8	<small>(>7.5)</small> 2.0
CEC, meq/100g	13.6	7.9	<small>(<3.1)</small> 0.1	<small>(3.1-8.0)</small> 8.6	<small>(8.1-15.0)</small> 54.6	<small>(15.1-25.0)</small> 13.0	<small>(>25.0)</small> 23.6
Sulfur (S), ppm	7	3.2	<small>(<4)</small> 3.4	<small>(4-7)</small> 54.4	<small>(8-12)</small> 38.2	<small>(13-17)</small> 3.1	<small>(>17)</small> 0.9
Zinc (Zn), ppm	4.2	2.3	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 31.6	<small>(3.0-4.9)</small> 41.7	<small>(5.0-10.0)</small> 24.5	<small>(>10.0)</small> 2.2
Manganese (Mn), ppm	55	17	<small>(<6)</small> 0.7	<small>(6-14)</small> 0.9	<small>(15-19)</small> 1.3	<small>(20-49)</small> 40.1	<small>(>49)</small> 57.1
Iron (Fe), ppm	32	21		<small>(<5)</small> 3.5	<small>(5-9)</small> 3.5	<small>(10-50)</small> 80.2	<small>(>50)</small> 12.8
Copper (Cu), ppm	1.5	1.0		<small>(<0.4)</small> 0.2	<small>(0.4-1.1)</small> 41.3	<small>(1.2-3.0)</small> 51.0	<small>(>3.0)</small> 7.5
Boron (B), ppm	0.4	0.4	<small>(<0.4)</small> 53.0	<small>(0.4-0.5)</small> 23.8	<small>(0.6-1.2)</small> 19.1	<small>(1.3-2.5)</small> 3.7	<small>(>2.5)</small> 0.4
Nitrate (NO ₃ -N), ppm	10.3	8.4	<small>(<5)</small> 14.4	<small>(5-9)</small> 44.5	<small>(10-19)</small> 32.2	<small>(20-39)</small> 6.8	<small>(>39)</small> 2.1
Ammonium (NH ₄ -N), ppm	4.2	0.6	<small>(<5)</small> 28.6	<small>(5-9)</small> 71.4	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>