



# Southwest Ohio

## 2017 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,%	2.9	0.7	<small>(&lt;1.0)</small> 0.1	<small>(1.0-2.5)</small> 36.2	<small>(2.5-5.0)</small> 62.6	<small>(5.0-7.0)</small> 1.1	<small>(7.0+)</small>
Phosphorus (P1), ppm	40	33	<small>(&lt;10)</small> 7.4	<small>(10-20)</small> 16.8	<small>(20-30)</small> 20.4	<small>(30-50)</small> 29.4	<small>(50+)</small> 25.9
Potassium (K), ppm	147	61					
K, % Base Saturation	3.6	1.6	<small>(&lt;0.91)</small> 0.4	<small>(0.91-1.80)</small> 6.1	<small>(1.81-3.59)</small> 50.8	<small>(3.60-5.39)</small> 31.3	<small>(5.39)</small> 11.7
Magnesium (Mg), ppm	284	131					
Mg, % Base Saturation	21.2	6.8	<small>(&lt;5)</small> 0.1	<small>(5-10)</small> 3.1	<small>(10-15)</small> 17.4	<small>(15-25)</small> 50.4	<small>(25+)</small> 29.0
Calcium (Ca), ppm	1409	535					
Ca, % Base Saturation	62.7	10.6	<small>(&lt;45)</small> 5.1	<small>(45-55)</small> 16.5	<small>(55-75)</small> 67.0	<small>(75-85)</small> 9.7	<small>(85+)</small> 1.7
pH (1:1)	6.6	0.7	<small>(&lt;5.1)</small> 1.2	<small>(5.1-5.8)</small> 14.0	<small>(5.9-6.0)</small> 54.6	<small>(7.0-7.5)</small> 21.9	<small>(&gt;7.5)</small> 8.4
CEC, meq/100g	11.1	3.2	<small>(&lt;3.1)</small>	<small>(3.1-8.0)</small> 13.3	<small>(8.1-16.0)</small> 76.0	<small>(16.1-26.0)</small> 10.6	<small>(&gt;26.0)</small> 0.1
Sulfur (S), ppm	7	1.8	<small>(&lt;4)</small> 0.7	<small>(4-7)</small> 60.6	<small>(8-12)</small> 38.4	<small>(13-17)</small> 0.4	<small>(&gt;17)</small>
Zinc (Zn), ppm	3.9	2.7	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 45.2	<small>(3.0-4.9)</small> 33.4	<small>(5.0-10.0)</small> 18.4	<small>(&gt;10.0)</small> 2.9
Manganese (Mn), ppm	45	12	<small>(&lt;6)</small>	<small>(6-14)</small> 0.2	<small>(15-19)</small> 5.2	<small>(20-49)</small> 61.4	<small>(&gt;49)</small> 33.2
Iron (Fe), ppm	41	19		<small>(&lt;5)</small>	<small>(5-9)</small>	<small>(10-50)</small> 73.7	<small>(&gt;50)</small> 26.3
Copper (Cu), ppm	1.7	0.5		<small>(&lt;0.4)</small>	<small>(0.4-1.1)</small> 9.6	<small>(1.2-3.0)</small> 89.5	<small>(&gt;3.0)</small> 0.9
Boron (B), ppm	0.5	0.3	<small>(&lt;0.4)</small> 38.9	<small>(0.4-0.5)</small> 31.3	<small>(0.6-1.2)</small> 27.9	<small>(1.3-2.5)</small> 1.8	<small>(&gt;2.5)</small> 0.2