



# Southwest Ohio

## 2022 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,%	3.0	0.9	<small>(&lt;1.0)</small> 0.2	<small>(1.0-2.5)</small> 29.1	<small>(2.5-5.0)</small> 68.1	<small>(5.0-7.0)</small> 2.5	<small>(7.0+)</small> 0.1
Phosphorus (P1), ppm	31	34	<small>(&lt;10)</small> 12.6	<small>(10-20)</small> 27.4	<small>(20-30)</small> 22.7	<small>(30-50)</small> 21.5	<small>(50+)</small> 15.9
Potassium (K), ppm	137	58					
K, % Base Saturation	3.1	1.4	<small>(&lt;0.87)</small> 0.2	<small>(0.87-1.72)</small> 8.4	<small>(1.73-3.43)</small> 56.6	<small>(3.44-5.15)</small> 27.2	<small>(5-15)</small> 7.6
Magnesium (Mg), ppm	300	130					
Mg, % Base Saturation	21.4	6.8	<small>(&lt;5)</small> 0.1	<small>(5-10)</small> 3.5	<small>(10-15)</small> 16.0	<small>(15-25)</small> 49.0	<small>(25+)</small> 31.3
Calcium (Ca), ppm	1506	637					
Ca, % Base Saturation	63.2	11.5	<small>(&lt;45)</small> 6.3	<small>(45-55)</small> 16.2	<small>(55-75)</small> 64.3	<small>(75-85)</small> 9.2	<small>(85+)</small> 4.0
pH (1:1)	6.6	0.8	<small>(&lt;5.1)</small> 1.1	<small>(5.1-5.8)</small> 15.8	<small>(5.9-6.9)</small> 47.6	<small>(7.0-7.5)</small> 22.4	<small>(&gt;7.5)</small> 13.2
CEC, meq/100g	11.7	3.6	<small>(&lt;3.1)</small>	<small>(3.1-8.0)</small> 10.9	<small>(8.1-15.0)</small> 73.7	<small>(15.1-25.0)</small> 15.0	<small>(&gt;25.0)</small> 0.4
Sulfur (S), ppm	11	21.9	<small>(&lt;4)</small> 1.1	<small>(4-7)</small> 40.0	<small>(8-12)</small> 43.0	<small>(13-17)</small> 11.9	<small>(&gt;17)</small> 4.0
Zinc (Zn), ppm	3.2	2.8	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 66.2	<small>(3.0-4.9)</small> 21.4	<small>(5.0-10.0)</small> 9.9	<small>(&gt;10.0)</small> 2.5
Manganese (Mn), ppm	43	13	<small>(&lt;6)</small>	<small>(6-14)</small> 0.8	<small>(15-19)</small> 8.6	<small>(20-49)</small> 65.2	<small>(&gt;49)</small> 25.4
Iron (Fe), ppm	44	25		<small>(&lt;5)</small> 0.4	<small>(5-9)</small> 0.8	<small>(10-50)</small> 74.1	<small>(&gt;50)</small> 24.7
Copper (Cu), ppm	2.0	1.0		<small>(&lt;0.4)</small> 0.8	<small>(0.4-1.1)</small> 16.7	<small>(1.2-3.0)</small> 68.1	<small>(&gt;3.0)</small> 14.3
Boron (B), ppm	0.7	0.6	<small>(&lt;0.4)</small> 19.5	<small>(0.4-0.5)</small> 31.7	<small>(0.6-1.2)</small> 40.9	<small>(1.3-2.5)</small> 6.5	<small>(&gt;2.5)</small> 1.3