



# Southern Ohio

## 2021 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,%	3.1	1.1	<small>(&lt;1.0)</small>	<small>(1.0-2.5)</small>	<small>(2.5-5.0)</small>	<small>(5.0-7.0)</small>	<small>(7.0+)</small>
Phosphorus (P1), ppm	27	26	<small>(&lt;10)</small>	<small>(10-20)</small>	<small>(20-30)</small>	<small>(30-50)</small>	<small>(50+)</small>
Phosphorus (P2), ppm	13		<small>(&lt;14)</small>	<small>(14-29)</small>	<small>(29-44)</small>	<small>(44-74)</small>	<small>(74+)</small>
Potassium (K), ppm	118	52					
K, % Base Saturation	3.3	1.4	<small>(&lt;1.03)</small>	<small>(1.03-2.04)</small>	<small>(2.05-4.07)</small>	<small>(4.08-6.11)</small>	<small>(&gt;6.11)</small>
Magnesium (Mg), ppm	227	96					
Mg, % Base Saturation	20.0	5.1	<small>(&lt;5)</small>	<small>(5-10)</small>	<small>(10-15)</small>	<small>(15-25)</small>	<small>(25+)</small>
Calcium (Ca), ppm	1208	532					
Ca, % Base Saturation	62.7	10.0	<small>(&lt;45)</small>	<small>(45-55)</small>	<small>(55-75)</small>	<small>(75-85)</small>	<small>(85+)</small>
pH (1:1)	6.5	0.6	<small>(&lt;5.1)</small>	<small>(5.1-5.8)</small>	<small>(5.9-6.9)</small>	<small>(7.0-7.5)</small>	<small>(&gt;7.5)</small>
CEC, meq/100g	9.5	3.2	<small>(&lt;3.1)</small>	<small>(3.1-8.0)</small>	<small>(8.1-15.0)</small>	<small>(15.1-25.0)</small>	<small>(&gt;25.0)</small>
Sulfur (S), ppm	8	8.0	<small>(&lt;4)</small>	<small>(4-7)</small>	<small>(8-12)</small>	<small>(13-17)</small>	<small>(&gt;17)</small>
Zinc (Zn), ppm	2.9	2.0	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small>	<small>(3.0-4.9)</small>	<small>(5.0-10.0)</small>	<small>(&gt;10.0)</small>
Manganese (Mn), ppm	49	15	<small>(&lt;6)</small>	<small>(6-14)</small>	<small>(15-19)</small>	<small>(20-49)</small>	<small>(&gt;49)</small>
Iron (Fe), ppm	37	18		<small>(&lt;5)</small>	<small>(5-9)</small>	<small>(10-50)</small>	<small>(&gt;50)</small>
Copper (Cu), ppm	1.6	0.8		<small>(&lt;0.4)</small>	<small>(0.4-1.1)</small>	<small>(1.2-3.0)</small>	<small>(&gt;3.0)</small>
Boron (B), ppm	0.4	0.3	<small>(&lt;0.4)</small>	<small>(0.4-0.5)</small>	<small>(0.6-1.2)</small>	<small>(1.3-2.5)</small>	<small>(&gt;2.5)</small>
Nitrate (NO3-N), ppm	59.2		<small>(&lt;5)</small>	<small>(5-9)</small>	<small>(10-19)</small>	<small>(20-39)</small>	<small>(&gt;39)</small>