



# Southeast 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,%	3.4	1.7	<small>(&lt;1.0)</small>	<small>(1.0-2.5)</small> 16.0	<small>(2.5-5.0)</small> 77.7	<small>(5.0-7.0)</small> 5.1	<small>(7.0+)</small> 1.2
Phosphorus (P1), ppm	35	33	<small>(&lt;10)</small> 7.8	<small>(10-20)</small> 25.3	<small>(20-30)</small> 23.6	<small>(30-50)</small> 25.2	<small>(50+)</small> 18.1
Potassium (K), ppm	147	70					
K, % Base Saturation	4.2	2.0	<small>(&lt;1.03)</small> 1.3	<small>(1.03-2.03)</small> 7.0	<small>(2.04-4.06)</small> 48.5	<small>(4.07-6.10)</small> 30.9	<small>(6.10)</small> 13.5
Magnesium (Mg), ppm	232	87					
Mg, % Base Saturation	20.8	4.5	<small>(&lt;5)</small>	<small>(5-10)</small> 0.7	<small>(10-15)</small> 9.1	<small>(15-25)</small> 74.0	<small>(25+)</small> 16.2
Calcium (Ca), ppm	1256	625					
Ca, % Base Saturation	64.8	9.5	<small>(&lt;45)</small> 3.1	<small>(45-55)</small> 9.6	<small>(55-75)</small> 75.0	<small>(75-85)</small> 11.7	<small>(85+)</small> 0.6
pH (1:1)	6.6	0.5	<small>(&lt;5.1)</small> 0.5	<small>(5.1-5.8)</small> 7.3	<small>(5.9-6.0)</small> 65.3	<small>(7.0-7.5)</small> 24.4	<small>(&gt;7.5)</small> 2.6
CEC, meq/100g	9.5	3.8	<small>(&lt;3.1)</small> 0.1	<small>(3.1-8.0)</small> 42.2	<small>(8.1-16.0)</small> 49.1	<small>(16.1-26.0)</small> 7.8	<small>(&gt;26.0)</small> 0.8
Sulfur (S), ppm	9	7.3	<small>(&lt;4)</small> 0.4	<small>(4-7)</small> 48.1	<small>(8-12)</small> 40.4	<small>(13-17)</small> 6.2	<small>(&gt;17)</small> 4.9
Zinc (Zn), ppm	3.2	2.3	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 59.3	<small>(3.0-4.9)</small> 29.0	<small>(5.0-10.0)</small> 10.3	<small>(&gt;10.0)</small> 1.5
Manganese (Mn), ppm	48	16	<small>(&lt;6)</small> 0.1	<small>(6-14)</small> 1.6	<small>(15-19)</small> 5.7	<small>(20-49)</small> 50.2	<small>(&gt;49)</small> 42.4
Iron (Fe), ppm	39	21		<small>(&lt;6)</small> 0.8	<small>(6-9)</small> 1.5	<small>(10-50)</small> 76.5	<small>(&gt;50)</small> 21.3
Copper (Cu), ppm	2.0	0.8		<small>(&lt;0.4)</small>	<small>(0.4-1.1)</small> 7.1	<small>(1.2-3.0)</small> 83.0	<small>(&gt;3.0)</small> 9.9
Boron (B), ppm	0.5	0.5	<small>(&lt;0.4)</small> 41.5	<small>(0.4-0.5)</small> 30.0	<small>(0.6-1.2)</small> 24.3	<small>(1.3-2.5)</small> 3.3	<small>(&gt;2.5)</small> 0.8