



Southeast 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,%	3.4	1.5	<small>(<1.0)</small>	<small>(1.0-2.5)</small> 13.2	<small>(2.5-5.0)</small> 81.9	<small>(5.0-7.0)</small> 3.9	<small>(7.0+)</small> 1.0
Phosphorus (P1), ppm	31	32	<small>(<10)</small> 9.3	<small>(10-20)</small> 32.9	<small>(20-30)</small> 24.3	<small>(30-50)</small> 19.8	<small>(50+)</small> 13.6
Potassium (K), ppm	124	60					
K, % Base Saturation	3.7	1.8	<small>(<1.06)</small> 0.2	<small>(1.06-2.10)</small> 10.4	<small>(2.11-4.20)</small> 61.8	<small>(4.21-6.31)</small> 20.2	<small>(6.31+)</small> 7.4
Magnesium (Mg), ppm	208	87					
Mg, % Base Saturation	19.0	4.9	<small>(<5)</small> 0.3	<small>(5-10)</small> 3.3	<small>(10-15)</small> 16.6	<small>(15-25)</small> 70.2	<small>(25+)</small> 9.6
Calcium (Ca), ppm	1212	598					
Ca, % Base Saturation	65.2	10.5	<small>(<45)</small> 4.3	<small>(45-55)</small> 10.1	<small>(55-75)</small> 69.0	<small>(75-85)</small> 14.5	<small>(85+)</small> 2.1
pH (1:1)	6.6	0.6	<small>(<5.1)</small> 0.8	<small>(5.1-5.8)</small> 11.6	<small>(5.9-6.9)</small> 58.9	<small>(7.0-7.5)</small> 24.7	<small>(>7.5)</small> 4.1
CEC, meq/100g	9.1	3.3	<small>(<3.1)</small>	<small>(3.1-8.0)</small> 42.7	<small>(8.1-15.0)</small> 52.4	<small>(15.1-25.0)</small> 4.6	<small>(>25.0)</small> 0.3
Sulfur (S), ppm	9	4.5	<small>(<4)</small> 0.4	<small>(4-7)</small> 36.8	<small>(8-12)</small> 52.7	<small>(13-17)</small> 7.6	<small>(>17)</small> 2.5
Zinc (Zn), ppm	3.3	2.5	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 62.0	<small>(3.0-4.9)</small> 26.3	<small>(5.0-10.0)</small> 9.7	<small>(>10.0)</small> 2.0
Manganese (Mn), ppm	49	16	<small>(<6)</small> 0.1	<small>(6-14)</small> 1.1	<small>(15-19)</small> 4.5	<small>(20-49)</small> 50.4	<small>(>49)</small> 44.0
Iron (Fe), ppm	36	17		<small>(<5)</small> 0.4	<small>(5-9)</small> 0.4	<small>(10-50)</small> 82.9	<small>(>50)</small> 16.4
Copper (Cu), ppm	1.5	1.2		<small>(<0.4)</small> 0.4	<small>(0.4-1.1)</small> 38.5	<small>(1.2-3.0)</small> 57.1	<small>(>3.0)</small> 4.0
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 45.9	<small>(0.4-0.5)</small> 28.8	<small>(0.6-1.2)</small> 23.7	<small>(1.3-2.5)</small> 1.4	<small>(>2.5)</small> 0.1
Nitrate (NO3-N), ppm	57.4	41.3	<small>(<5)</small>	<small>(5-9)</small> 16.7	<small>(10-19)</small> 16.7	<small>(20-39)</small>	<small>(>39)</small> 66.7
Ammonium (NH4-N), ppm	4.0	3.0	<small>(<5)</small> 50.0	<small>(5-9)</small> 33.3	<small>(10-19)</small> 16.7	<small>(20-39)</small>	<small>(>39)</small>