



Northeast 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,%	3.3	1.9	<small>(<1.0)</small> 0.1	<small>(1.0-2.5)</small> 26.3	<small>(2.5-5.0)</small> 68.0	<small>(5.0-7.0)</small> 4.6	<small>(7.0+)</small> 1.1
Phosphorus (P1), ppm	31	35	<small>(<10)</small> 10.7	<small>(10-20)</small> 29.9	<small>(20-30)</small> 23.9	<small>(30-50)</small> 21.9	<small>(50+)</small> 13.6
Phosphorus (P2), ppm	59	87	<small>(<14)</small> 12.2	<small>(14-29)</small> 27.2	<small>(29-44)</small> 21.8	<small>(44-74)</small> 18.9	<small>(74+)</small> 19.9
Bicarbonate P, ppm	13	5	<small>(<5)</small> 6.7	<small>(5-15)</small> 60.0	<small>(15-25)</small> 33.3	<small>(25-45)</small>	<small>(45+)</small>
Potassium (K), ppm	129	58					
K, % Base Saturation	3.2	1.4	<small>(<0.93)</small> 0.2	<small>(0.93-1.83)</small> 8.8	<small>(1.84-3.67)</small> 61.3	<small>(3.68-5.50)</small> 25.0	<small>(5.50+)</small> 4.8
Magnesium (Mg), ppm	256	108					
Mg, % Base Saturation	19.8	5.4	<small>(<5)</small> 0.3	<small>(5-10)</small> 2.5	<small>(10-15)</small> 15.3	<small>(15-25)</small> 66.1	<small>(25+)</small> 15.8
Calcium (Ca), ppm	1357	707					
Ca, % Base Saturation	61.8	10.7	<small>(<45)</small> 6.4	<small>(45-55)</small> 18.4	<small>(55-75)</small> 65.0	<small>(75-85)</small> 9.1	<small>(85+)</small> 1.2
pH (1:1)	6.4	0.6	<small>(<5.1)</small> 1.0	<small>(5.1-5.8)</small> 17.2	<small>(5.9-6.9)</small> 64.9	<small>(7.0-7.5)</small> 14.7	<small>(>7.5)</small> 2.1
CEC, meq/100g	10.8	4.0	<small>(<3.1)</small> 0.1	<small>(3.1-8.0)</small> 21.9	<small>(8.1-15.0)</small> 65.9	<small>(15.1-25.0)</small> 11.7	<small>(>25.0)</small> 0.4
Sulfur (S), ppm	9	9.2	<small>(<4)</small> 0.8	<small>(4-7)</small> 31.9	<small>(8-12)</small> 58.8	<small>(13-17)</small> 6.3	<small>(>17)</small> 2.1
Zinc (Zn), ppm	3.0	3.5	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 68.6	<small>(3.0-4.9)</small> 23.4	<small>(5.0-10.0)</small> 6.2	<small>(>10.0)</small> 1.8
Manganese (Mn), ppm	36	15	<small>(<6)</small> 0.8	<small>(6-14)</small> 8.8	<small>(15-19)</small> 18.2	<small>(20-49)</small> 56.0	<small>(>49)</small> 16.2
Iron (Fe), ppm	49	26		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.2	<small>(10-50)</small> 63.8	<small>(>50)</small> 35.9
Copper (Cu), ppm	1.8	1.3		<small>(<0.4)</small>	<small>(0.4-1.1)</small> 30.7	<small>(1.2-3.0)</small> 60.0	<small>(>3.0)</small> 9.3
Boron (B), ppm	0.5	0.3	<small>(<0.4)</small> 41.9	<small>(0.4-0.5)</small> 26.0	<small>(0.6-1.2)</small> 29.2	<small>(1.3-2.5)</small> 2.8	<small>(>2.5)</small> 0.1
Nitrate (NO3-N), ppm	22.7	31.0	<small>(<5)</small> 7.1	<small>(5-9)</small> 57.1	<small>(10-19)</small>	<small>(20-39)</small> 21.4	<small>(>39)</small> 14.3
Ammonium (NH4-N), ppm	6.5	8.0	<small>(<5)</small> 63.6	<small>(5-9)</small> 18.2	<small>(10-19)</small>	<small>(20-39)</small> 9.1	<small>(>39)</small> 9.1