



Ohio

2020 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	2.1	<small>(<1.0)</small> 0.2	<small>(1.0-2.5)</small> 21.3	<small>(2.5-5.0)</small> 73.4	<small>(5.0-7.0)</small> 4.0	<small>(7.0+)</small> 1.1
Phosphorus (P1), ppm	35	36	<small>(<10)</small> 8.4	<small>(10-20)</small> 26.0	<small>(20-30)</small> 23.9	<small>(30-50)</small> 24.3	<small>(50+)</small> 17.3
Phosphorus (P2), ppm	60	50	<small>(<14)</small> 5.0	<small>(14-29)</small> 17.2	<small>(29-44)</small> 21.2	<small>(44-74)</small> 31.4	<small>(74+)</small> 25.2
Bicarbonate P, ppm	131	84	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 20.0	<small>(45+)</small> 80.0
Potassium (K), ppm	137	55					
K, % Base Saturation	3.1	1.4	<small>(<0.85)</small> 0.5	<small>(0.85-1.69)</small> 6.9	<small>(1.70-3.37)</small> 58.3	<small>(3.38-5.06)</small> 30.1	<small>(5.06+)</small> 4.5
Magnesium (Mg), ppm	289	125					
Mg, % Base Saturation	20.2	5.7	<small>(<5)</small> 0.3	<small>(5-10)</small> 2.1	<small>(10-15)</small> 14.6	<small>(15-25)</small> 64.3	<small>(25+)</small> 18.7
Calcium (Ca), ppm	1547	790					
Ca, % Base Saturation	63.3	10.3	<small>(<45)</small> 4.3	<small>(45-55)</small> 14.5	<small>(55-75)</small> 69.4	<small>(75-85)</small> 10.3	<small>(85+)</small> 1.5
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 12.9	<small>(5.9-6.9)</small> 66.4	<small>(7.0-7.5)</small> 16.5	<small>(>7.5)</small> 3.5
CEC, meq/100g	12.0	4.6	<small>(<3.1)</small> 0.2	<small>(3.1-8.0)</small> 18.2	<small>(8.1-15.0)</small> 58.4	<small>(15.1-25.0)</small> 22.5	<small>(>25.0)</small> 0.7
Sulfur (S), ppm	9	15.4	<small>(<4)</small> 1.5	<small>(4-7)</small> 45.3	<small>(8-12)</small> 45.6	<small>(13-17)</small> 5.2	<small>(>17)</small> 2.4
Zinc (Zn), ppm	3.2	3.5	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 61.0	<small>(3.0-4.9)</small> 29.8	<small>(5.0-10.0)</small> 7.8	<small>(>10.0)</small> 1.5
Manganese (Mn), ppm	31	15	<small>(<6)</small> 1.7	<small>(6-14)</small> 15.5	<small>(15-19)</small> 24.2	<small>(20-49)</small> 49.2	<small>(>49)</small> 9.3
Iron (Fe), ppm	52	24		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.3	<small>(10-50)</small> 54.9	<small>(>50)</small> 44.8
Copper (Cu), ppm	2.3	1.1		<small>(<0.4)</small> 0.1	<small>(0.4-1.1)</small> 12.6	<small>(1.2-3.0)</small> 68.9	<small>(>3.0)</small> 18.4
Boron (B), ppm	0.6	0.4	<small>(<0.4)</small> 27.5	<small>(0.4-0.5)</small> 24.7	<small>(0.6-1.2)</small> 44.0	<small>(1.3-2.5)</small> 3.7	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	23.5	21.4	<small>(<5)</small> 5.7	<small>(5-9)</small> 25.8	<small>(10-19)</small> 22.7	<small>(20-39)</small> 26.8	<small>(>39)</small> 19.1
Ammonium (NH ₄ -N), ppm	12.6	27.1	<small>(<5)</small> 33.7	<small>(5-9)</small> 46.6	<small>(10-19)</small> 6.7	<small>(20-39)</small> 2.5	<small>(>39)</small> 10.4