



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,%	3.3	2.1	<small>(<1.0)</small> 0.1	<small>(1.0-2.5)</small> 22.4	<small>(2.5-5.0)</small> 72.9	<small>(5.0-7.0)</small> 3.8	<small>(7.0+)</small> 0.8
Phosphorus (P1), ppm	33	36	<small>(<10)</small> 9.0	<small>(10-20)</small> 28.1	<small>(20-30)</small> 24.1	<small>(30-50)</small> 23.5	<small>(50+)</small> 15.3
Phosphorus (P2), ppm	53	49	<small>(<14)</small> 6.3	<small>(14-29)</small> 21.6	<small>(29-44)</small> 22.2	<small>(44-74)</small> 30.9	<small>(74+)</small> 18.9
Bicarbonate P, ppm	38	39	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small> 28.2	<small>(25-45)</small> 59.0	<small>(45+)</small> 12.8
Potassium (K), ppm	137	65					
K, % Base Saturation	3.1	1.3	<small>(<0.86)</small> 0.2	<small>(0.86-1.71)</small> 6.4	<small>(1.72-3.41)</small> 58.9	<small>(3.42-5.12)</small> 29.9	<small>(5.12+)</small> 4.6
Magnesium (Mg), ppm	286	122					
Mg, % Base Saturation	20.2	5.6	<small>(<5)</small> 0.3	<small>(5-10)</small> 2.0	<small>(10-15)</small> 14.3	<small>(15-25)</small> 65.1	<small>(25+)</small> 18.3
Calcium (Ca), ppm	1530	794					
Ca, % Base Saturation	63.6	10.2	<small>(<45)</small> 4.2	<small>(45-55)</small> 14.1	<small>(55-75)</small> 69.6	<small>(75-85)</small> 10.6	<small>(85+)</small> 1.4
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 12.4	<small>(5.9-6.9)</small> 66.4	<small>(7.0-7.5)</small> 17.0	<small>(>7.5)</small> 3.6
CEC, meq/100g	11.8	4.5	<small>(<3.1)</small> 0.1	<small>(3.1-8.0)</small> 17.6	<small>(8.1-15.0)</small> 61.7	<small>(15.1-25.0)</small> 20.0	<small>(>25.0)</small> 0.6
Sulfur (S), ppm	9	28.2	<small>(<4)</small> 2.1	<small>(4-7)</small> 47.6	<small>(8-12)</small> 44.3	<small>(13-17)</small> 3.9	<small>(>17)</small> 2.1
Zinc (Zn), ppm	3.1	4.0	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 64.5	<small>(3.0-4.9)</small> 27.0	<small>(5.0-10.0)</small> 7.2	<small>(>10.0)</small> 1.3
Manganese (Mn), ppm	33	15	<small>(<6)</small> 0.9	<small>(6-14)</small> 11.6	<small>(15-19)</small> 21.8	<small>(20-49)</small> 53.3	<small>(>49)</small> 12.3
Iron (Fe), ppm	54	27		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.5	<small>(10-50)</small> 52.6	<small>(>50)</small> 46.9
Copper (Cu), ppm	2.2	1.2		<small>(<0.4)</small> 0.1	<small>(0.4-1.1)</small> 16.5	<small>(1.2-3.0)</small> 64.9	<small>(>3.0)</small> 18.5
Boron (B), ppm	0.6	1.6	<small>(<0.4)</small> 31.2	<small>(0.4-0.5)</small> 25.2	<small>(0.6-1.2)</small> 39.7	<small>(1.3-2.5)</small> 3.7	<small>(>2.5)</small> 0.2
Nitrate (NO3-N), ppm	15.9	13.4	<small>(<5)</small> 7.5	<small>(5-9)</small> 37.7	<small>(10-19)</small> 24.5	<small>(20-39)</small> 22.6	<small>(>39)</small> 7.5
Ammonium (NH4-N), ppm	3.2	1.4	<small>(<5)</small> 60.0	<small>(5-9)</small> 40.0	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>