

# Northeast Ohio

## 2018 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>(&lt;1.0)</small> 0.1	<small>(1.0-2.5)</small> 19.8	<small>(2.5-5.0)</small> 74.3	<small>(5.0-7.0)</small> 4.6	<small>(7.0+)</small> 1.3
Phosphorus (P1), ppm	33	40	<small>(&lt;10)</small> 13.3	<small>(10-20)</small> 28.2	<small>(20-30)</small> 21.4	<small>(30-50)</small> 21.5	<small>(50+)</small> 15.6
Phosphorus (P2), ppm	82	113	<small>(&lt;14)</small> 15.4	<small>(14-29)</small> 25.3	<small>(29-44)</small> 10.9	<small>(44-74)</small> 16.3	<small>(74+)</small> 32.2
Potassium (K), ppm	138	71					
K, % Base Saturation	3.5	1.7	<small>(&lt;0.93)</small> 0.6	<small>(0.93-1.85)</small> 9.3	<small>(1.86-3.69)</small> 54.5	<small>(3.70-5.54)</small> 27.3	<small>(&gt;5.54)</small> 8.5
Magnesium (Mg), ppm	271	129					
Mg, % Base Saturation	21.0	6.0	<small>(&lt;5)</small> 0.3	<small>(5-10)</small> 2.0	<small>(10-15)</small> 13.3	<small>(15-25)</small> 61.5	<small>(25+)</small> 22.9
Calcium (Ca), ppm	1345	719					
Ca, % Base Saturation	61.6	11.0	<small>(&lt;45)</small> 7.1	<small>(45-55)</small> 17.4	<small>(55-75)</small> 65.1	<small>(75-85)</small> 8.9	<small>(85+)</small> 1.4
pH (1:1)	6.5	0.6	<small>(&lt;5.1)</small> 0.8	<small>(5.1-5.8)</small> 14.8	<small>(5.9-6.0)</small> 64.4	<small>(7.0-7.5)</small> 17.4	<small>(&gt;7.5)</small> 2.6
CEC, meq/100g	10.7	4.2	<small>(&lt;3.1)</small> 0.1	<small>(3.1-8.0)</small> 28.5	<small>(8.1-15.0)</small> 56.4	<small>(15.1-25.0)</small> 14.4	<small>(&gt;25.0)</small> 0.5
Sulfur (S), ppm	8	14.3	<small>(&lt;4)</small> 1.5	<small>(4-7)</small> 51.5	<small>(8-12)</small> 41.4	<small>(13-17)</small> 3.4	<small>(&gt;17)</small> 2.2
Zinc (Zn), ppm	3.1	3.3	<small>(&lt;1.0)</small> 0.1	<small>(1.1-2.9)</small> 67.3	<small>(3.0-4.9)</small> 25.1	<small>(5.0-10.0)</small> 6.2	<small>(&gt;10.0)</small> 1.5
Manganese (Mn), ppm	37	17	<small>(&lt;6)</small> 0.9	<small>(6-14)</small> 9.3	<small>(15-19)</small> 19.5	<small>(20-49)</small> 50.2	<small>(&gt;49)</small> 20.1
Iron (Fe), ppm	44	24		<small>(&lt;5)</small> 0.1	<small>(5-9)</small> 0.2	<small>(10-50)</small> 68.8	<small>(&gt;50)</small> 30.9
Copper (Cu), ppm	1.6	1.1		<small>(&lt;0.4)</small> 0.1	<small>(0.4-1.1)</small> 31.5	<small>(1.2-3.0)</small> 62.1	<small>(&gt;3.0)</small> 6.3
Boron (B), ppm	0.6	0.5	<small>(&lt;0.4)</small> 37.0	<small>(0.4-0.5)</small> 22.6	<small>(0.6-1.2)</small> 35.3	<small>(1.3-2.5)</small> 4.7	<small>(&gt;2.5)</small> 0.4
Nitrate (NO <sub>3</sub> -N), ppm	22.6	19.9	<small>(&lt;5)</small> 8.3	<small>(5-9)</small> 20.8	<small>(10-19)</small> 29.2	<small>(20-39)</small> 20.8	<small>(&gt;39)</small> 20.8
Ammonium (NH <sub>4</sub> -N), ppm	6.2	4.7	<small>(&lt;5)</small> 30.0	<small>(5-9)</small> 60.0	<small>(10-19)</small> 5.0	<small>(20-39)</small> 5.0	<small>(&gt;39)</small> 0.0