



Northeast Wisconsin

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,%	4.0	2.2	<small>(<1.0)</small> 1.3	<small>(1.0-2.5)</small> 3.4	<small>(2.5-5.0)</small> 86.3	<small>(5.0-7.0)</small> 6.6	<small>(7.0+)</small> 2.4
Phosphorus (P1), ppm	41	31	<small>(<10)</small> 10.9	<small>(10-20)</small> 1.3	<small>(20-30)</small> 32.0	<small>(30-50)</small> 9.4	<small>(50+)</small> 29.9
Potassium (K), ppm	153	63					
K, % Base Saturation	1.7	0.6	<small>(<0.83)</small> 0.8	<small>(0.83-1.63)</small> 2.1	<small>(1.64-3.27)</small> 30.5	<small>(3.28-4.90)</small> 31.6	<small>(>4.90)</small> 35.0
Magnesium (Mg), ppm	333	116					
Mg, % Base Saturation	30.5	2.6	<small>(<5)</small>	<small>(5-10)</small> 17.9	<small>(10-15)</small> 3.6	<small>(15-25)</small> 35.7	<small>(25+)</small> 42.9
Calcium (Ca), ppm	2048	1062					
Ca, % Base Saturation	67.8	8.6	<small>(<45)</small>	<small>(45-55)</small>	<small>(55-75)</small> 64.3	<small>(75-85)</small> 14.3	<small>(85+)</small> 21.4
pH (1:1)	7.4	0.5	<small>(<5.1)</small>	<small>(5.1-5.8)</small> 0.8	<small>(5.9-6.9)</small> 11.3	<small>(7.0-7.5)</small> 59.3	<small>(>7.5)</small> 28.6
CEC, meq/100g	12.5	1.7	<small>(<3.1)</small>	<small>(3.1-8.0)</small> 10.7	<small>(8.1-15.0)</small> 60.7	<small>(15.1-25.0)</small> 25.0	<small>(>25.0)</small> 3.6
Sulfur (S), ppm	49	34.5	<small>(<4)</small>	<small>(4-7)</small>	<small>(8-12)</small>	<small>(13-17)</small> 17.6	<small>(>17)</small> 82.4
Zinc (Zn), ppm	3.1	1.1	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 52.9	<small>(3.0-4.9)</small> 41.2	<small>(5.0-10.0)</small> 5.9	<small>(>10.0)</small>
Manganese (Mn), ppm	22	7	<small>(<6)</small>	<small>(6-14)</small> 17.6	<small>(15-19)</small> 64.7	<small>(20-49)</small> 17.6	<small>(>49)</small>
Iron (Fe), ppm	34	18		<small>(<5)</small> 5.9	<small>(5-9)</small> 11.8	<small>(10-50)</small> 64.7	<small>(>50)</small> 17.6
Copper (Cu), ppm	1.2	2.8		<small>(<0.4)</small> 29.4	<small>(0.4-1.1)</small> 64.7	<small>(1.2-3.0)</small>	<small>(>3.0)</small> 5.9
Boron (B), ppm	0.9	0.5	<small>(<0.4)</small> 23.5	<small>(0.4-0.5)</small> 11.8	<small>(0.6-1.2)</small> 47.1	<small>(1.3-2.5)</small> 17.6	<small>(>2.5)</small>