



Northeast Illinois

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,%	4.4	1.6	<small>(<1.0)</small>	<small>(1.0-2.5)</small>	<small>(2.5-5.0)</small>	<small>(5.0-7.0)</small>	<small>(7.0+)</small>
Phosphorus (P1), ppm	47	74	<small>(<10)</small>	<small>(10-20)</small>	<small>(20-30)</small>	<small>(30-50)</small>	<small>(50+)</small>
Phosphorus (P2), ppm	65	55	<small>(<14)</small>	<small>(14-29)</small>	<small>(29-44)</small>	<small>(44-74)</small>	<small>(74+)</small>
Bicarbonate P, ppm	6	2	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small>	<small>(45+)</small>
Potassium (K), ppm	168	77					
K, % Base Saturation	2.6	1.1	<small>(<0.65)</small>	<small>(0.65-1.28)</small>	<small>(1.29-2.56)</small>	<small>(2.57-3.84)</small>	<small>(>3.84)</small>
Magnesium (Mg), ppm	448	182					
Mg, % Base Saturation	21.6	6.5	<small>(<5)</small>	<small>(5-10)</small>	<small>(10-15)</small>	<small>(15-25)</small>	<small>(25+)</small>
Calcium (Ca), ppm	2159	916					
Ca, % Base Saturation	61.4	10.1	<small>(<45)</small>	<small>(45-55)</small>	<small>(55-75)</small>	<small>(75-85)</small>	<small>(85+)</small>
pH (1:1)	6.4	0.7	<small>(<5.1)</small>	<small>(5.1-5.8)</small>	<small>(5.9-6.9)</small>	<small>(7.0-7.5)</small>	<small>(>7.5)</small>
CEC, meq/100g	17.4	5.4	<small>(<3.1)</small>	<small>(3.1-8.0)</small>	<small>(8.1-15.0)</small>	<small>(15.1-25.0)</small>	<small>(>25.0)</small>
Sulfur (S), ppm	8	3.8	<small>(<4)</small>	<small>(4-7)</small>	<small>(8-12)</small>	<small>(13-17)</small>	<small>(>17)</small>
Zinc (Zn), ppm	2.6	2.7	<small>(<1.0)</small>	<small>(1.1-2.9)</small>	<small>(3.0-4.9)</small>	<small>(5.0-10.0)</small>	<small>(>10.0)</small>
Manganese (Mn), ppm	32	10	<small>(<6)</small>	<small>(6-14)</small>	<small>(15-19)</small>	<small>(20-49)</small>	<small>(>49)</small>
Iron (Fe), ppm	33	19		<small>(<5)</small>	<small>(5-9)</small>	<small>(10-50)</small>	<small>(>50)</small>
Copper (Cu), ppm	1.6	0.6		<small>(<0.4)</small>	<small>(0.4-1.1)</small>	<small>(1.2-3.0)</small>	<small>(>3.0)</small>
Boron (B), ppm	0.6	0.3	<small>(<0.4)</small>	<small>(0.4-0.5)</small>	<small>(0.6-1.2)</small>	<small>(1.3-2.5)</small>	<small>(>2.5)</small>
Nitrate (NO3-N), ppm	20.0	23.5	<small>(<5)</small>	<small>(5-9)</small>	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>
Ammonium (NH4-N), ppm	67.0	168.5	<small>(<5)</small>	<small>(5-9)</small>	<small>(10-19)</small>	<small>(20-39)</small>	<small>(>39)</small>