



Northern Indiana

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,%	3.5	5.1	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 42.9	<small>(2.5-5.0)</small> 48.3	<small>(5.0-7.0)</small> 3.6	<small>(7.0+)</small> 3.8
Phosphorus (P1), ppm	43	45	<small>(<10)</small> 6.3	<small>(10-20)</small> 20.0	<small>(20-30)</small> 20.4	<small>(30-50)</small> 26.9	<small>(50+)</small> 26.5
Phosphorus (P2), ppm	65	72	<small>(<14)</small> 3.9	<small>(14-29)</small> 19.2	<small>(29-44)</small> 22.7	<small>(44-74)</small> 29.3	<small>(74+)</small> 24.8
Bicarbonate P, ppm	197	107	<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 9.1	<small>(45+)</small> 90.9
Potassium (K), ppm	141	61					
K, % Base Saturation	3.8	2.0	<small>(<0.92)</small> 0.2	<small>(0.92-1.82)</small> 5.8	<small>(1.83-3.64)</small> 55.9	<small>(3.65-5.46)</small> 29.9	<small>(5.46+)</small> 8.1
Magnesium (Mg), ppm	257	130					
Mg, % Base Saturation	20.0	5.9	<small>(<5)</small> 0.5	<small>(5-10)</small> 2.9	<small>(10-15)</small> 17.0	<small>(15-25)</small> 60.0	<small>(25+)</small> 19.5
Calcium (Ca), ppm	1384	878					
Ca, % Base Saturation	62.2	10.7	<small>(<45)</small> 5.5	<small>(45-55)</small> 18.8	<small>(55-75)</small> 64.8	<small>(75-85)</small> 9.4	<small>(85+)</small> 1.4
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 1.1	<small>(5.1-5.8)</small> 14.4	<small>(5.9-6.9)</small> 64.5	<small>(7.0-7.5)</small> 16.5	<small>(>7.5)</small> 3.5
CEC, meq/100g	10.9	5.4	<small>(<3.1)</small> 0.7	<small>(3.1-8.0)</small> 28.6	<small>(8.1-15.0)</small> 54.7	<small>(15.1-25.0)</small> 14.2	<small>(>25.0)</small> 1.7
Sulfur (S), ppm	9	23.3	<small>(<4)</small> 1.4	<small>(4-7)</small> 42.7	<small>(8-12)</small> 45.2	<small>(13-17)</small> 6.6	<small>(>17)</small> 4.0
Zinc (Zn), ppm	3.7	3.6	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 55.0	<small>(3.0-4.9)</small> 28.9	<small>(5.0-10.0)</small> 12.7	<small>(>10.0)</small> 3.4
Manganese (Mn), ppm	36	16	<small>(<6)</small> 2.8	<small>(6-14)</small> 9.4	<small>(15-19)</small> 14.7	<small>(20-49)</small> 55.7	<small>(>49)</small> 17.4
Iron (Fe), ppm	46	29		<small>(<5)</small> 0.1	<small>(5-9)</small> 0.6	<small>(10-50)</small> 69.2	<small>(>50)</small> 30.1
Copper (Cu), ppm	1.7	1.4		<small>(<0.4)</small> 1.5	<small>(0.4-1.1)</small> 37.5	<small>(1.2-3.0)</small> 52.5	<small>(>3.0)</small> 8.4
Boron (B), ppm	0.5	0.3	<small>(<0.4)</small> 42.6	<small>(0.4-0.5)</small> 30.2	<small>(0.6-1.2)</small> 24.6	<small>(1.3-2.5)</small> 2.5	<small>(>2.5)</small> 0.2
Nitrate (NO3-N), ppm	36.7	24.3	<small>(<5)</small> 0.6	<small>(5-9)</small> 5.5	<small>(10-19)</small> 20.9	<small>(20-39)</small> 35.8	<small>(>39)</small> 37.1
Ammonium (NH4-N), ppm	10.5	19.1	<small>(<5)</small> 18.0	<small>(5-9)</small> 54.6	<small>(10-19)</small> 13.8	<small>(20-39)</small> 5.0	<small>(>39)</small> 8.6