



Northwest 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,%	3.8	5.8	<small>(<1.0)</small> 1.6	<small>(1.0-2.5)</small> 41.8	<small>(2.5-5.0)</small> 46.5	<small>(5.0-7.0)</small> 5.5	<small>(7.0+)</small> 4.6
Phosphorus (P1), ppm	47	46	<small>(<10)</small> 4.3	<small>(10-20)</small> 16.9	<small>(20-30)</small> 19.8	<small>(30-50)</small> 28.7	<small>(50+)</small> 30.4
Phosphorus (P2), ppm	56	55	<small>(<14)</small> 4.6	<small>(14-29)</small> 21.8	<small>(29-44)</small> 24.1	<small>(44-74)</small> 30.6	<small>(74+)</small> 18.8
Potassium (K), ppm	144	62					
K, % Base Saturation	4.0	2.1	<small>(<0.93)</small> 0.3	<small>(0.93-1.84)</small> 5.5	<small>(1.85-3.68)</small> 52.2	<small>(3.69-5.52)</small> 32.3	<small>(>5.52)</small> 9.6
Magnesium (Mg), ppm	250	132					
Mg, % Base Saturation	19.8	5.7	<small>(<5)</small> 0.7	<small>(5-10)</small> 3.3	<small>(10-15)</small> 16.3	<small>(15-25)</small> 61.3	<small>(25+)</small> 18.4
Calcium (Ca), ppm	1339	917					
Ca, % Base Saturation	60.9	10.9	<small>(<45)</small> 6.7	<small>(45-55)</small> 22.4	<small>(55-75)</small> 61.7	<small>(75-85)</small> 8.0	<small>(85+)</small> 1.3
pH (1:1)	6.4	0.6	<small>(<5.1)</small> 1.4	<small>(5.1-5.8)</small> 15.8	<small>(5.9-6.9)</small> 67.6	<small>(7.0-7.5)</small> 13.2	<small>(>7.5)</small> 2.1
CEC, meq/100g	10.8	5.7	<small>(<3.1)</small> 0.9	<small>(3.1-8.0)</small> 32.3	<small>(8.1-15.0)</small> 50.0	<small>(15.1-25.0)</small> 15.1	<small>(>25.0)</small> 1.7
Sulfur (S), ppm	9	14.9	<small>(<4)</small> 1.2	<small>(4-7)</small> 41.9	<small>(8-12)</small> 46.7	<small>(13-17)</small> 7.7	<small>(>17)</small> 2.6
Zinc (Zn), ppm	3.8	3.6	<small>(<1.0)</small> 51.9	<small>(1.1-2.9)</small> 30.7	<small>(3.0-4.9)</small> 13.5	<small>(5.0-10.0)</small> 3.8	<small>(>10.0)</small> 3.8
Manganese (Mn), ppm	33	17	<small>(<6)</small> 4.7	<small>(6-14)</small> 13.0	<small>(15-19)</small> 15.9	<small>(20-49)</small> 51.2	<small>(>49)</small> 15.2
Iron (Fe), ppm	49	34		<small>(<5)</small> 0.2	<small>(5-9)</small> 0.6	<small>(10-50)</small> 66.2	<small>(>50)</small> 33.0
Copper (Cu), ppm	1.4	1.0		<small>(<0.4)</small> 3.1	<small>(0.4-1.1)</small> 49.9	<small>(1.2-3.0)</small> 41.9	<small>(>3.0)</small> 5.1
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 47.3	<small>(0.4-0.5)</small> 29.8	<small>(0.6-1.2)</small> 21.2	<small>(1.3-2.5)</small> 1.6	<small>(>2.5)</small> 0.1
Nitrate (NO3-N), ppm	34.0	23.6	<small>(<5)</small> 0.6	<small>(5-9)</small> 6.6	<small>(10-19)</small> 23.8	<small>(20-39)</small> 35.9	<small>(>39)</small> 33.1
Ammonium (NH4-N), ppm	6.8	12.1	<small>(<5)</small> 25.4	<small>(5-9)</small> 61.9	<small>(10-19)</small> 6.9	<small>(20-39)</small> 2.2	<small>(>39)</small> 3.7