



Northwest Indiana

2021 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,%	3.7	5.5	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 42.6	<small>(2.5-5.0)</small> 45.4	<small>(5.0-7.0)</small> 5.8	<small>(7.0+)</small> 4.9
Phosphorus (P1), ppm	47	49	<small>(<10)</small> 4.2	<small>(10-20)</small> 16.9	<small>(20-30)</small> 19.8	<small>(30-50)</small> 28.4	<small>(50+)</small> 30.6
Phosphorus (P2), ppm	53	58	<small>(<14)</small> 4.9	<small>(14-29)</small> 24.3	<small>(29-44)</small> 24.6	<small>(44-74)</small> 29.6	<small>(74+)</small> 16.6
Bicarbonate P, ppm	45		<small>(<5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 100.0	<small>(45+)</small>
Potassium (K), ppm	145	65					
K, % Base Saturation	4.0	2.1	<small>(<0.93)</small> 0.3	<small>(0.93-1.84)</small> 5.8	<small>(1.85-3.67)</small> 51.2	<small>(3.68-5.51)</small> 33.0	<small>(5.51+)</small> 9.6
Magnesium (Mg), ppm	256	142					
Mg, % Base Saturation	20.0	6.0	<small>(<5)</small> 0.6	<small>(5-10)</small> 3.9	<small>(10-15)</small> 16.4	<small>(15-25)</small> 58.8	<small>(25+)</small> 20.3
Calcium (Ca), ppm	1349	894					
Ca, % Base Saturation	61.3	10.4	<small>(<45)</small> 5.4	<small>(45-55)</small> 21.1	<small>(55-75)</small> 64.4	<small>(75-85)</small> 7.8	<small>(85+)</small> 1.3
pH (1:1)	6.4	0.5	<small>(<5.1)</small> 0.9	<small>(5.1-5.8)</small> 14.1	<small>(5.9-6.9)</small> 69.8	<small>(7.0-7.5)</small> 13.4	<small>(>7.5)</small> 1.8
CEC, meq/100g	10.8	5.6	<small>(<3.1)</small> 1.0	<small>(3.1-8.0)</small> 32.3	<small>(8.1-15.0)</small> 49.3	<small>(15.1-25.0)</small> 16.0	<small>(>25.0)</small> 1.4
Sulfur (S), ppm	8	12.0	<small>(<4)</small> 2.7	<small>(4-7)</small> 52.2	<small>(8-12)</small> 38.8	<small>(13-17)</small> 5.1	<small>(>17)</small> 1.3
Zinc (Zn), ppm	4.1	3.7	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 49.2	<small>(3.0-4.9)</small> 29.8	<small>(5.0-10.0)</small> 15.5	<small>(>10.0)</small> 5.5
Manganese (Mn), ppm	32	18	<small>(<6)</small> 7.7	<small>(6-14)</small> 14.2	<small>(15-19)</small> 13.3	<small>(20-49)</small> 49.3	<small>(>49)</small> 15.6
Iron (Fe), ppm	47	32		<small>(<5)</small> 0.2	<small>(5-9)</small> 0.7	<small>(10-50)</small> 68.5	<small>(>50)</small> 30.5
Copper (Cu), ppm	1.6	1.4		<small>(<0.4)</small> 1.4	<small>(0.4-1.1)</small> 43.7	<small>(1.2-3.0)</small> 48.2	<small>(>3.0)</small> 6.7
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 51.2	<small>(0.4-0.5)</small> 27.4	<small>(0.6-1.2)</small> 19.2	<small>(1.3-2.5)</small> 2.0	<small>(>2.5)</small> 0.2
Nitrate (NO3-N), ppm	25.2	15.7	<small>(<5)</small> 6.6	<small>(5-9)</small> 4.1	<small>(10-19)</small> 30.3	<small>(20-39)</small> 43.5	<small>(>39)</small> 15.5
Ammonium (NH4-N), ppm	4.3	6.3	<small>(<5)</small> 60.8	<small>(5-9)</small> 30.4	<small>(10-19)</small> 5.0	<small>(20-39)</small> 1.9	<small>(>39)</small> 1.9