



Northeast 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,%	3.3	4.5	<small>(<1.0)</small> 1.3	<small>(1.0-2.5)</small> 42.6	<small>(2.5-5.0)</small> 50.7	<small>(5.0-7.0)</small> 2.4	<small>(7.0+)</small> 2.9
Phosphorus (P1), ppm	41	43	<small>(<10)</small> 6.5	<small>(10-20)</small> 20.4	<small>(20-30)</small> 21.2	<small>(30-50)</small> 27.2	<small>(50+)</small> 24.7
Phosphorus (P2), ppm	76	104	<small>(<14)</small> 7.6	<small>(14-29)</small> 18.5	<small>(29-44)</small> 19.9	<small>(44-74)</small> 26.2	<small>(74+)</small> 27.9
Bicarbonate P, ppm	20	12	<small>(<5)</small> 2.9	<small>(5-15)</small> 40.0	<small>(15-25)</small> 31.4	<small>(25-45)</small> 20.0	<small>(45+)</small> 5.7
Potassium (K), ppm	143	61					
K, % Base Saturation	3.8	2.0	<small>(<0.91)</small> 0.1	<small>(0.91-1.81)</small> 4.7	<small>(1.82-3.61)</small> 55.2	<small>(3.62-5.42)</small> 32.0	<small>(>5.42)</small> 8.0
Magnesium (Mg), ppm	269	135					
Mg, % Base Saturation	20.4	5.9	<small>(<5)</small> 0.2	<small>(5-10)</small> 2.4	<small>(10-15)</small> 15.4	<small>(15-25)</small> 60.9	<small>(25+)</small> 21.1
Calcium (Ca), ppm	1428	792					
Ca, % Base Saturation	63.7	10.0	<small>(<45)</small> 3.6	<small>(45-55)</small> 14.9	<small>(55-75)</small> 69.6	<small>(75-85)</small> 10.5	<small>(85+)</small> 1.5
pH (1:1)	6.6	0.6	<small>(<5.1)</small> 0.5	<small>(5.1-5.8)</small> 10.7	<small>(5.9-6.9)</small> 63.6	<small>(7.0-7.5)</small> 20.3	<small>(>7.5)</small> 4.8
CEC, meq/100g	11.0	4.9	<small>(<3.1)</small> 0.8	<small>(3.1-8.0)</small> 25.8	<small>(8.1-15.0)</small> 57.2	<small>(15.1-25.0)</small> 15.1	<small>(>25.0)</small> 1.2
Sulfur (S), ppm	8	39.4	<small>(<4)</small> 3.2	<small>(4-7)</small> 54.0	<small>(8-12)</small> 37.3	<small>(13-17)</small> 3.8	<small>(>17)</small> 1.7
Zinc (Zn), ppm	3.7	3.8	<small>(<1.0)</small>	<small>(1.1-2.9)</small> 55.8	<small>(3.0-4.9)</small> 28.2	<small>(5.0-10.0)</small> 12.4	<small>(>10.0)</small> 3.6
Manganese (Mn), ppm	38	15	<small>(<6)</small> 1.0	<small>(6-14)</small> 6.2	<small>(15-19)</small> 14.1	<small>(20-49)</small> 59.0	<small>(>49)</small> 19.6
Iron (Fe), ppm	46	25		<small>(<5)</small>	<small>(5-9)</small> 0.4	<small>(10-50)</small> 67.9	<small>(>50)</small> 31.6
Copper (Cu), ppm	1.9	1.4		<small>(<0.4)</small> 0.6	<small>(0.4-1.1)</small> 29.5	<small>(1.2-3.0)</small> 57.6	<small>(>3.0)</small> 12.3
Boron (B), ppm	0.5	0.4	<small>(<0.4)</small> 41.0	<small>(0.4-0.5)</small> 29.7	<small>(0.6-1.2)</small> 26.7	<small>(1.3-2.5)</small> 2.4	<small>(>2.5)</small> 0.2
Nitrate (NO3-N), ppm	31.3	24.0	<small>(<5)</small> 4.4	<small>(5-9)</small> 17.6	<small>(10-19)</small> 16.6	<small>(20-39)</small> 28.3	<small>(>39)</small> 33.2
Ammonium (NH4-N), ppm	6.3	16.8	<small>(<5)</small> 40.8	<small>(5-9)</small> 53.1	<small>(10-19)</small> 4.1	<small>(20-39)</small>	<small>(>39)</small> 2.0