



# Northeast 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,%	3.3	4.5	<small>(&lt;1.0)</small> 1.3	<small>(1.0-2.5)</small> 43.8	<small>(2.5-5.0)</small> 49.8	<small>(5.0-7.0)</small> 2.0	<small>(7.0+)</small> 3.1
Phosphorus (P1), ppm	40	43	<small>(&lt;10)</small> 7.9	<small>(10-20)</small> 22.4	<small>(20-30)</small> 21.0	<small>(30-50)</small> 25.4	<small>(50+)</small> 23.3
Phosphorus (P2), ppm	74	83	<small>(&lt;14)</small> 3.4	<small>(14-29)</small> 17.0	<small>(29-44)</small> 21.5	<small>(44-74)</small> 28.2	<small>(74+)</small> 29.9
Bicarbonate P, ppm	197	107	<small>(&lt;5)</small>	<small>(5-15)</small>	<small>(15-25)</small>	<small>(25-45)</small> 9.1	<small>(45+)</small> 90.9
Potassium (K), ppm	137	61					
K, % Base Saturation	3.6	1.9	<small>(&lt;0.91)</small> 0.1	<small>(0.91-1.81)</small> 6.1	<small>(1.82-3.61)</small> 59.0	<small>(3.62-5.42)</small> 27.9	<small>(5.42+)</small> 6.9
Magnesium (Mg), ppm	262	128					
Mg, % Base Saturation	20.1	6.1	<small>(&lt;5)</small> 0.4	<small>(5-10)</small> 2.7	<small>(10-15)</small> 17.6	<small>(15-25)</small> 59.0	<small>(25+)</small> 20.4
Calcium (Ca), ppm	1421	843					
Ca, % Base Saturation	63.2	10.5	<small>(&lt;45)</small> 4.6	<small>(45-55)</small> 16.0	<small>(55-75)</small> 67.4	<small>(75-85)</small> 10.5	<small>(85+)</small> 1.5
pH (1:1)	6.5	0.6	<small>(&lt;5.1)</small> 0.8	<small>(5.1-5.8)</small> 13.2	<small>(5.9-6.9)</small> 62.0	<small>(7.0-7.5)</small> 19.3	<small>(&gt;7.5)</small> 4.7
CEC, meq/100g	11.0	5.1	<small>(&lt;3.1)</small> 0.6	<small>(3.1-8.0)</small> 25.7	<small>(8.1-15.0)</small> 58.5	<small>(15.1-25.0)</small> 13.5	<small>(&gt;25.0)</small> 1.7
Sulfur (S), ppm	10	27.9	<small>(&lt;4)</small> 1.6	<small>(4-7)</small> 43.4	<small>(8-12)</small> 44.1	<small>(13-17)</small> 5.9	<small>(&gt;17)</small> 5.1
Zinc (Zn), ppm	3.6	3.6	<small>(&lt;1.0)</small>	<small>(1.1-2.9)</small> 57.5	<small>(3.0-4.9)</small> 27.5	<small>(5.0-10.0)</small> 12.0	<small>(&gt;10.0)</small> 3.0
Manganese (Mn), ppm	38	14	<small>(&lt;6)</small> 1.1	<small>(6-14)</small> 6.3	<small>(15-19)</small> 13.8	<small>(20-49)</small> 59.5	<small>(&gt;49)</small> 19.3
Iron (Fe), ppm	44	26		<small>(&lt;5)</small> 0.1	<small>(5-9)</small> 0.6	<small>(10-50)</small> 70.7	<small>(&gt;50)</small> 28.5
Copper (Cu), ppm	1.8	1.5		<small>(&lt;0.4)</small> 0.7	<small>(0.4-1.1)</small> 31.1	<small>(1.2-3.0)</small> 58.0	<small>(&gt;3.0)</small> 10.2
Boron (B), ppm	0.5	0.4	<small>(&lt;0.4)</small> 38.6	<small>(0.4-0.5)</small> 30.5	<small>(0.6-1.2)</small> 27.4	<small>(1.3-2.5)</small> 3.2	<small>(&gt;2.5)</small> 0.3
Nitrate (NO3-N), ppm	40.0	24.8	<small>(&lt;5)</small> 0.5	<small>(5-9)</small> 4.3	<small>(10-19)</small> 17.5	<small>(20-39)</small> 35.8	<small>(&gt;39)</small> 41.9
Ammonium (NH4-N), ppm	16.3	25.4	<small>(&lt;5)</small> 6.6	<small>(5-9)</small> 43.4	<small>(10-19)</small> 24.5	<small>(20-39)</small> 9.3	<small>(&gt;39)</small> 16.2