



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	4.3	<small>(<1.0)</small> 1.3	<small>(1.0-2.5)</small> 44.7	<small>(2.5-5.0)</small> 48.0	<small>(5.0-7.0)</small> 3.2	<small>(7.0+)</small> 2.8
Phosphorus (P1), ppm	41	44	<small>(<10)</small> 6.8	<small>(10-20)</small> 20.6	<small>(20-30)</small> 21.3	<small>(30-50)</small> 26.8	<small>(50+)</small> 24.5
Phosphorus (P2), ppm	65	111	<small>(<14)</small> 8.2	<small>(14-29)</small> 22.0	<small>(29-44)</small> 21.5	<small>(44-74)</small> 26.7	<small>(74+)</small> 21.6
Bicarbonate P, ppm	43	84	<small>(<5)</small> 0.3	<small>(5-15)</small> 23.1	<small>(15-25)</small> 24.0	<small>(25-45)</small> 36.2	<small>(45+)</small> 16.3
Potassium (K), ppm	139	61					
K, % Base Saturation	3.8	1.9	<small>(<0.94)</small> 0.2	<small>(0.94-1.86)</small> 6.6	<small>(1.87-3.72)</small> 55.5	<small>(3.73-5.58)</small> 30.2	<small>(5.58+)</small> 7.5
Magnesium (Mg), ppm	249	134					
Mg, % Base Saturation	19.4	6.1	<small>(<5)</small> 0.3	<small>(5-10)</small> 4.8	<small>(10-15)</small> 19.5	<small>(15-25)</small> 57.1	<small>(25+)</small> 18.3
Calcium (Ca), ppm	1371	784					
Ca, % Base Saturation	63.5	10.3	<small>(<45)</small> 4.0	<small>(45-55)</small> 15.6	<small>(55-75)</small> 68.2	<small>(75-85)</small> 10.4	<small>(85+)</small> 1.7
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.7	<small>(5.1-5.8)</small> 12.3	<small>(5.9-6.9)</small> 66.2	<small>(7.0-7.5)</small> 17.0	<small>(>7.5)</small> 3.8
CEC, meq/100g	10.6	4.9	<small>(<3.1)</small> 0.8	<small>(3.1-8.0)</small> 29.7	<small>(8.1-15.0)</small> 55.1	<small>(15.1-25.0)</small> 13.4	<small>(>25.0)</small> 1.0
Sulfur (S), ppm	8	27.6	<small>(<4)</small> 3.1	<small>(4-7)</small> 53.7	<small>(8-12)</small> 37.7	<small>(13-17)</small> 4.0	<small>(>17)</small> 1.5
Zinc (Zn), ppm	3.7	9.1	<small>(<1.0)</small> 0.3	<small>(1.1-2.9)</small> 56.3	<small>(3.0-4.9)</small> 27.2	<small>(5.0-10.0)</small> 12.7	<small>(>10.0)</small> 3.8
Manganese (Mn), ppm	42	19	<small>(<6)</small> 2.5	<small>(6-14)</small> 6.3	<small>(15-19)</small> 10.1	<small>(20-49)</small> 50.8	<small>(>49)</small> 30.4
Iron (Fe), ppm	45	28		<small>(<5)</small> 0.2	<small>(5-9)</small> 0.7	<small>(10-50)</small> 68.8	<small>(>50)</small> 30.3
Copper (Cu), ppm	1.7	1.3		<small>(<0.4)</small> 0.8	<small>(0.4-1.1)</small> 38.2	<small>(1.2-3.0)</small> 52.2	<small>(>3.0)</small> 8.8
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 47.5	<small>(0.4-0.5)</small> 28.6	<small>(0.6-1.2)</small> 21.9	<small>(1.3-2.5)</small> 1.8	<small>(>2.5)</small> 0.1
Nitrate (NO3-N), ppm	24.9	21.5	<small>(<5)</small> 9.2	<small>(5-9)</small> 17.0	<small>(10-19)</small> 22.0	<small>(20-39)</small> 32.3	<small>(>39)</small> 19.5
Ammonium (NH4-N), ppm	5.3	13.4	<small>(<5)</small> 58.1	<small>(5-9)</small> 32.9	<small>(10-19)</small> 5.0	<small>(20-39)</small> 1.6	<small>(>39)</small> 2.4