

State of Indiana

2018 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,%	3.2	4.4	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 47.2	<small>(2.5-5.0)</small> 45.7	<small>(5.0-7.0)</small> 3.0	<small>(7.0+)</small> 2.7
Phosphorus (P1), ppm	43	44	<small>(<10)</small> 6.8	<small>(10-20)</small> 19.8	<small>(20-30)</small> 20.0	<small>(30-50)</small> 26.8	<small>(50+)</small> 26.6
Phosphorus (P2), ppm	61	78	<small>(<14)</small> 5.5	<small>(14-29)</small> 21.1	<small>(29-44)</small> 21.3	<small>(44-74)</small> 28.2	<small>(74+)</small> 23.8
Bicarbonate P, ppm	27	25	<small>(<5)</small> 15.7	<small>(5-15)</small> 30.0	<small>(15-25)</small> 15.7	<small>(25-45)</small> 15.7	<small>(45+)</small> 22.9
Potassium (K), ppm	139	61					
K, % Base Saturation	3.8	2.0	<small>(<0.94)</small> 1.6	<small>(0.94-1.85)</small> 6.1	<small>(1.86-3.70)</small> 55.7	<small>(3.71-5.55)</small> 30.4	<small>(5.55+)</small> 7.5
Magnesium (Mg), ppm	253	136					
Mg, % Base Saturation	19.9	6.3	<small>(<5)</small> 0.3	<small>(5-10)</small> 4.4	<small>(10-15)</small> 18.1	<small>(15-25)</small> 56.4	<small>(25+)</small> 20.7
Calcium (Ca), ppm	1377	810					
Ca, % Base Saturation	63.3	10.6	<small>(<45)</small> 4.5	<small>(45-55)</small> 16.1	<small>(55-75)</small> 66.9	<small>(75-85)</small> 10.7	<small>(85+)</small> 1.9
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.5	<small>(5.1-5.8)</small> 11.4	<small>(5.9-6.0)</small> 68.0	<small>(7.0-7.5)</small> 17.1	<small>(>7.5)</small> 3.0
CEC, meq/100g	10.7	5.1	<small>(<3.1)</small> 1.2	<small>(3.1-8.0)</small> 29.8	<small>(8.1-15.0)</small> 53.5	<small>(15.1-25.0)</small> 14.2	<small>(>25.0)</small> 1.3
Sulfur (S), ppm	8	16.9	<small>(<4)</small> 1.4	<small>(4-7)</small> 53.8	<small>(8-12)</small> 39.4	<small>(13-17)</small> 3.8	<small>(>17)</small> 1.5
Zinc (Zn), ppm	3.6	4.9	<small>(<1.0)</small> 58.5	<small>(1.1-2.9)</small> 26.5	<small>(3.0-4.9)</small> 11.4	<small>(5.0-10.0)</small> 3.6	<small>(>10.0)</small> 3.6
Manganese (Mn), ppm	43	20	<small>(<6)</small> 2.5	<small>(6-14)</small> 5.9	<small>(15-19)</small> 8.9	<small>(20-49)</small> 48.1	<small>(>49)</small> 34.6
Iron (Fe), ppm	46	30		<small>(<5)</small> 0.3	<small>(5-9)</small> 1.0	<small>(10-50)</small> 67.1	<small>(>50)</small> 31.7
Copper (Cu), ppm	1.5	1.1		<small>(<0.4)</small> 0.4	<small>(0.4-1.1)</small> 45.6	<small>(1.2-3.0)</small> 47.0	<small>(>3.0)</small> 7.0
Boron (B), ppm	0.4	0.6	<small>(<0.4)</small> 49.4	<small>(0.4-0.5)</small> 27.5	<small>(0.6-1.2)</small> 21.3	<small>(1.3-2.5)</small> 1.6	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	52.0	80.8	<small>(<5)</small> 12.6	<small>(5-9)</small> 14.7	<small>(10-19)</small> 18.1	<small>(20-39)</small> 24.9	<small>(>39)</small> 29.7
Ammonium (NH ₄ -N), ppm	18.2	36.4	<small>(<5)</small> 41.8	<small>(5-9)</small> 32.6	<small>(10-19)</small> 7.6	<small>(20-39)</small> 4.1	<small>(>39)</small> 13.8