

State of Indiana

2017 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	4.5	<small>(<1.0)</small> 1.5	<small>(1.0-2.5)</small> 47.1	<small>(2.5-5.0)</small> 45.8	<small>(5.0-7.0)</small> 3.0	<small>(7.0+)</small> 2.7
Phosphorus (P1), ppm	41	43	<small>(<10)</small> 7.3	<small>(10-20)</small> 20.1	<small>(20-30)</small> 20.4	<small>(30-50)</small> 26.5	<small>(50+)</small> 25.7
Phosphorus (P2), ppm	64	71	<small>(<14)</small> 5.4	<small>(14-29)</small> 20.6	<small>(29-44)</small> 21.2	<small>(44-74)</small> 27.4	<small>(74+)</small> 25.4
Bicarbonate P, ppm	41	18	<small>(<5)</small> 0.4	<small>(5-15)</small> 4.5	<small>(15-25)</small> 10.5	<small>(25-45)</small> 51.8	<small>(45+)</small> 32.8
Potassium (K), ppm	135	60					
K, % Base Saturation	3.8	2.0	<small>(<0.95)</small> 1.6	<small>(0.95-1.88)</small> 7.6	<small>(1.89-3.76)</small> 56.4	<small>(3.77-5.65)</small> 28.8	<small>(5.65+)</small> 6.8
Magnesium (Mg), ppm	249	137					
Mg, % Base Saturation	20.0	6.5	<small>(<5)</small> 0.4	<small>(5-10)</small> 5.2	<small>(10-15)</small> 17.8	<small>(15-25)</small> 54.9	<small>(25+)</small> 21.8
Calcium (Ca), ppm	1345	833					
Ca, % Base Saturation	63.1	10.7	<small>(<45)</small> 5.1	<small>(45-55)</small> 16.6	<small>(55-75)</small> 66.1	<small>(75-85)</small> 10.3	<small>(85+)</small> 2.0
pH (1:1)	6.5	0.6	<small>(<5.1)</small> 0.6	<small>(5.1-5.8)</small> 12.2	<small>(5.9-6.0)</small> 66.1	<small>(7.0-7.5)</small> 17.4	<small>(>7.5)</small> 3.6
CEC, meq/100g	10.5	5.1	<small>(<3.1)</small> 1.6	<small>(3.1-8.0)</small> 31.8	<small>(8.1-15.0)</small> 51.7	<small>(15.1-25.0)</small> 13.9	<small>(>25.0)</small> 1.0
Sulfur (S), ppm	8	24.8	<small>(<4)</small> 1.5	<small>(4-7)</small> 63.1	<small>(8-12)</small> 30.8	<small>(13-17)</small> 3.0	<small>(>17)</small> 1.5
Zinc (Zn), ppm	3.3	3.7	<small>(<1.0)</small> 0.4	<small>(1.1-2.9)</small> 62.3	<small>(3.0-4.9)</small> 25.2	<small>(5.0-10.0)</small> 9.9	<small>(>10.0)</small> 2.4
Manganese (Mn), ppm	42	18	<small>(<6)</small> 2.1	<small>(6-14)</small> 5.0	<small>(15-19)</small> 9.4	<small>(20-49)</small> 53.7	<small>(>49)</small> 29.6
Iron (Fe), ppm	44	29		<small>(<5)</small> 0.5	<small>(5-9)</small> 1.7	<small>(10-50)</small> 68.2	<small>(>50)</small> 29.6
Copper (Cu), ppm	1.6	1.4		<small>(<0.4)</small> 0.3	<small>(0.4-1.1)</small> 42.7	<small>(1.2-3.0)</small> 51.0	<small>(>3.0)</small> 6.1
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 49.6	<small>(0.4-0.5)</small> 27.4	<small>(0.6-1.2)</small> 21.0	<small>(1.3-2.5)</small> 1.7	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	21.1	24.5	<small>(<5)</small> 12.4	<small>(5-9)</small> 18.6	<small>(10-19)</small> 27.9	<small>(20-39)</small> 28.4	<small>(>39)</small> 12.6
Ammonium (NH ₄ -N), ppm	6.8	28.2	<small>(<5)</small> 66.4	<small>(5-9)</small> 23.1	<small>(10-19)</small> 5.7	<small>(20-39)</small> 3.1	<small>(>39)</small> 1.7