



Northwest Indiana

2016 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,%	3.6	5.3	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 43.1	<small>(2.5-5.0)</small> 45.9	<small>(5.0-7.0)</small> 4.9	<small>(7.0+)</small> 4.6
Phosphorus (P1), ppm	46	44	<small>(<10)</small> 5.0	<small>(10-20)</small> 17.9	<small>(20-30)</small> 19.2	<small>(30-50)</small> 26.9	<small>(50+)</small> 31.0
Phosphorus (P2), ppm	57	54	<small>(<14)</small> 7.9	<small>(14-29)</small> 22.1	<small>(29-44)</small> 22.0	<small>(44-74)</small> 23.7	<small>(74+)</small> 24.4
Potassium (K), ppm	143	64					
K, % Base Saturation	4.0	2.1	<small>(<0.93)</small> 1.4	<small>(0.93-1.84)</small> 6.4	<small>(1.85-3.68)</small> 52.8	<small>(3.69-5.52)</small> 31.4	<small>(>5.52)</small> 9.2
Magnesium (Mg), ppm	260	137					
Mg, % Base Saturation	20.6	6.0	<small>(<5)</small> 0.4	<small>(5-10)</small> 2.8	<small>(10-15)</small> 14.6	<small>(15-25)</small> 59.0	<small>(25+)</small> 23.1
Calcium (Ca), ppm	1341	886					
Ca, % Base Saturation	60.6	10.8	<small>(<45)</small> 7.2	<small>(45-55)</small> 22.6	<small>(55-75)</small> 61.2	<small>(75-85)</small> 7.6	<small>(85+)</small> 1.3
pH (1:1)	6.4	0.5	<small>(<5.1)</small> 0.8	<small>(5.1-5.8)</small> 14.3	<small>(5.9-6.0)</small> 70.5	<small>(7.0-7.5)</small> 12.4	<small>(>7.5)</small> 1.9
CEC, meq/100g	10.8	5.5	<small>(<3.1)</small> 1.6	<small>(3.1-8.0)</small> 30.8	<small>(8.1-15.0)</small> 50.6	<small>(15.1-25.0)</small> 15.6	<small>(>25.0)</small> 1.5
Sulfur (S), ppm	8	27.2	<small>(<4)</small> 2.6	<small>(4-7)</small> 61.0	<small>(8-12)</small> 31.4	<small>(13-17)</small> 3.7	<small>(>17)</small> 1.2
Zinc (Zn), ppm	4.1	14.7	<small>(<1.0)</small> 48.0	<small>(1.1-2.9)</small> 31.5	<small>(3.0-4.9)</small> 16.3	<small>(5.0-10.0)</small> 4.3	<small>(>10.0)</small>
Manganese (Mn), ppm	33	18	<small>(<6)</small> 7.9	<small>(6-14)</small> 13.5	<small>(15-19)</small> 13.9	<small>(20-49)</small> 48.4	<small>(>49)</small> 16.3
Iron (Fe), ppm	48	33		<small>(<5)</small> 0.3	<small>(5-9)</small> 1.0	<small>(10-50)</small> 66.5	<small>(>50)</small> 32.2
Copper (Cu), ppm	1.5	1.2		<small>(<0.4)</small> 0.3	<small>(0.4-1.1)</small> 44.4	<small>(1.2-3.0)</small> 50.2	<small>(>3.0)</small> 5.1
Boron (B), ppm	0.3	0.3	<small>(<0.4)</small> 69.0	<small>(0.4-0.5)</small> 18.6	<small>(0.6-1.2)</small> 11.1	<small>(1.3-2.5)</small> 1.3	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	27.7	20.2	<small>(<5)</small> 6.8	<small>(5-9)</small> 12.3	<small>(10-19)</small> 18.6	<small>(20-39)</small> 40.3	<small>(>39)</small> 22.0
Ammonium (NH ₄ -N), ppm	7.3	10.3	<small>(<5)</small> 45.0	<small>(5-9)</small> 39.7	<small>(10-19)</small> 8.1	<small>(20-39)</small> 4.8	<small>(>39)</small> 2.4