

Northwest Indiana

2020 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,%	3.9	6.3	<small>(<1.0)</small> 1.4	<small>(1.0-2.5)</small> 40.0	<small>(2.5-5.0)</small> 47.6	<small>(5.0-7.0)</small> 5.9	<small>(7.0+)</small> 5.1
Phosphorus (P1), ppm	47	46	<small>(<10)</small> 4.5	<small>(10-20)</small> 17.0	<small>(20-30)</small> 19.4	<small>(30-50)</small> 28.1	<small>(50+)</small> 31.0
Phosphorus (P2), ppm	54	44	<small>(<14)</small> 5.0	<small>(14-29)</small> 20.3	<small>(29-44)</small> 23.0	<small>(44-74)</small> 32.5	<small>(74+)</small> 19.2
Potassium (K), ppm	143	62					
K, % Base Saturation	4.0	2.1	<small>(<0.93)</small> 1.4	<small>(0.93-1.85)</small> 6.2	<small>(1.86-3.69)</small> 52.7	<small>(3.70-5.54)</small> 31.0	<small>(>5.54)</small> 9.7
Magnesium (Mg), ppm	262	141					
Mg, % Base Saturation	20.8	6.3	<small>(<5)</small> 0.7	<small>(5-10)</small> 3.9	<small>(10-15)</small> 13.8	<small>(15-25)</small> 56.6	<small>(25+)</small> 25.0
Calcium (Ca), ppm	1310	853					
Ca, % Base Saturation	60.1	10.8	<small>(<45)</small> 7.3	<small>(45-55)</small> 24.5	<small>(55-75)</small> 60.0	<small>(75-85)</small> 7.1	<small>(85+)</small> 1.1
pH (1:1)	6.4	0.6	<small>(<5.1)</small> 1.4	<small>(5.1-5.8)</small> 15.1	<small>(5.9-6.9)</small> 68.4	<small>(7.0-7.5)</small> 13.0	<small>(>7.5)</small> 2.1
CEC, meq/100g	10.7	5.6	<small>(<3.1)</small> 1.0	<small>(3.1-8.0)</small> 32.6	<small>(8.1-15.0)</small> 50.0	<small>(15.1-25.0)</small> 14.6	<small>(>25.0)</small> 1.7
Sulfur (S), ppm	8	28.0	<small>(<4)</small> 3.8	<small>(4-7)</small> 51.5	<small>(8-12)</small> 35.6	<small>(13-17)</small> 6.5	<small>(>17)</small> 2.6
Zinc (Zn), ppm	4.5	4.3	<small>(<1.0)</small> 4.5	<small>(1.1-2.9)</small> 43.9	<small>(3.0-4.9)</small> 31.9	<small>(5.0-10.0)</small> 17.1	<small>(>10.0)</small> 7.1
Manganese (Mn), ppm	31	18	<small>(<6)</small> 7.8	<small>(6-14)</small> 16.7	<small>(15-19)</small> 15.8	<small>(20-49)</small> 45.0	<small>(>49)</small> 14.7
Iron (Fe), ppm	44	30		<small>(<5)</small> 0.4	<small>(5-9)</small> 1.5	<small>(10-50)</small> 68.8	<small>(>50)</small> 29.3
Copper (Cu), ppm	1.4	0.9		<small>(<0.4)</small> 0.7	<small>(0.4-1.1)</small> 47.9	<small>(1.2-3.0)</small> 47.1	<small>(>3.0)</small> 4.3
Boron (B), ppm	0.4	0.3	<small>(<0.4)</small> 55.0	<small>(0.4-0.5)</small> 25.4	<small>(0.6-1.2)</small> 17.8	<small>(1.3-2.5)</small> 1.7	<small>(>2.5)</small> 0.1
Nitrate (NO ₃ -N), ppm	23.9	19.7	<small>(<5)</small> 4.2	<small>(5-9)</small> 14.4	<small>(10-19)</small> 32.1	<small>(20-39)</small> 33.2	<small>(>39)</small> 16.1
Ammonium (NH ₄ -N), ppm	5.5	8.1	<small>(<5)</small> 47.3	<small>(5-9)</small> 37.5	<small>(10-19)</small> 9.6	<small>(20-39)</small> 3.1	<small>(>39)</small> 2.4