

Northeast 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,%	3.3	4.6	<small><1.0</small> 1.6	<small>1.0-2.5</small> 45.4	<small>2.5-5.0</small> 47.9	<small>5.0-7.0</small> 2.3	<small>7.0+</small> 2.8
Phosphorus (P1), ppm	43	47	<small><10</small> 6.9	<small>10-20</small> 19.9	<small>20-30</small> 19.7	<small>30-50</small> 26.3	<small>50+</small> 27.2
Phosphorus (P2), ppm	68	84	<small><14</small> 5.5	<small>14-29</small> 22.1	<small>29-44</small> 19.5	<small>44-74</small> 25.0	<small>74+</small> 27.9
Bicarbonate P, ppm	48	28	<small><5</small>	<small>5-15</small> 14.3	<small>15-25</small> 5.7	<small>25-45</small> 34.3	<small>45+</small> 45.7
Potassium (K), ppm	140	62					
K, % Base Saturation	3.9	2.0	<small><0.94</small> 1.3	<small>0.94-1.85</small> 5.8	<small>1.86-3.71</small> 55.9	<small>3.72-5.56</small> 30.6	<small>5.56+</small> 7.4
Magnesium (Mg), ppm	264	138					
Mg, % Base Saturation	20.9	6.2	<small><5</small> 0.3	<small>5-10</small> 2.6	<small>10-15</small> 13.8	<small>15-25</small> 58.7	<small>25+</small> 24.6
Calcium (Ca), ppm	1379	843					
Ca, % Base Saturation	63.2	10.3	<small><45</small> 4.6	<small>45-55</small> 15.7	<small>55-75</small> 68.0	<small>75-85</small> 10.0	<small>85+</small> 1.6
pH (1:1)	6.6	0.6	<small><5.1</small> 0.4	<small>5.1-5.8</small> 10.8	<small>5.9-6.0</small> 63.0	<small>7.0-7.5</small> 21.1	<small>>7.5</small> 4.7
CEC, meq/100g	10.7	5.2	<small><3.1</small> 1.8	<small>3.1-8.0</small> 29.2	<small>8.1-15.0</small> 53.2	<small>15.1-25.0</small> 14.7	<small>>25.0</small> 1.2
Sulfur (S), ppm	8	38.2	<small><4</small> 1.2	<small>4-7</small> 60.8	<small>8-12</small> 32.0	<small>13-17</small> 3.8	<small>>17</small> 1.8
Zinc (Zn), ppm	3.5	4.1	<small><1.0</small>	<small>1.1-2.9</small> 57.7	<small>3.0-4.9</small> 28.0	<small>5.0-10.0</small> 11.2	<small>>10.0</small> 2.8
Manganese (Mn), ppm	37	14	<small><6</small> 1.1	<small>6-14</small> 6.1	<small>15-19</small> 13.0	<small>20-49</small> 62.1	<small>>49</small> 17.4
Iron (Fe), ppm	44	28		<small><5</small> 0.3	<small>5-9</small> 0.9	<small>10-50</small> 68.6	<small>>50</small> 30.2
Copper (Cu), ppm	1.6	2.0		<small><0.4</small> 0.1	<small>0.4-1.1</small> 36.1	<small>1.2-3.0</small> 57.2	<small>>3.0</small> 6.5
Boron (B), ppm	0.5	0.4	<small><0.4</small> 42.8	<small>0.4-0.5</small> 27.8	<small>0.6-1.2</small> 26.5	<small>1.3-2.5</small> 2.4	<small>>2.5</small> 0.2
Nitrate (NO ₃ -N), ppm	17.6	21.2	<small><5</small> 20.6	<small>5-9</small> 21.8	<small>10-19</small> 27.2	<small>20-39</small> 20.1	<small>>39</small> 10.3
Ammonium (NH ₄ -N), ppm	4.6	11.6	<small><5</small> 71.7	<small>5-9</small> 24.9	<small>10-19</small> 2.1	<small>20-39</small> 0.3	<small>>39</small> 1.0