

Northeast 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,%	3.3	4.9	<small><1.0</small> 1.6	<small>1.0-2.5</small> 46.0	<small>2.5-5.0</small> 46.9	<small>5.0-7.0</small> 2.2	<small>7.0+</small> 3.2
Phosphorus (P1), ppm	43	45	<small><10</small> 6.1	<small>10-20</small> 19.4	<small>20-30</small> 20.0	<small>30-50</small> 27.5	<small>50+</small> 26.9
Phosphorus (P2), ppm	65	80	<small><14</small> 3.6	<small>14-29</small> 20.1	<small>29-44</small> 21.2	<small>44-74</small> 28.8	<small>74+</small> 26.2
Bicarbonate P, ppm	20	21	<small><5</small> 22.4	<small>5-15</small> 34.7	<small>15-25</small> 18.4	<small>25-45</small> 12.2	<small>45+</small> 12.2
Potassium (K), ppm	143	61					
K, % Base Saturation	3.9	2.0	<small><0.92</small> 1.7	<small>0.92-1.83</small> 4.6	<small>1.84-3.65</small> 55.3	<small>3.66-5.48</small> 32.2	<small>>5.48</small> 7.8
Magnesium (Mg), ppm	265	134					
Mg, % Base Saturation	20.7	6.0	<small><5</small> 0.3	<small>5-10</small> 2.2	<small>10-15</small> 14.3	<small>15-25</small> 60.6	<small>25+</small> 22.7
Calcium (Ca), ppm	1407	828					
Ca, % Base Saturation	63.4	10.2	<small><45</small> 4.1	<small>45-55</small> 15.4	<small>55-75</small> 68.8	<small>75-85</small> 10.1	<small>85+</small> 1.5
pH (1:1)	6.5	0.6	<small><5.1</small> 0.4	<small>5.1-5.8</small> 10.3	<small>5.9-6.0</small> 65.6	<small>7.0-7.5</small> 20.3	<small>>7.5</small> 3.4
CEC, meq/100g	10.9	5.2	<small><3.1</small> 1.5	<small>3.1-8.0</small> 28.2	<small>8.1-15.0</small> 53.8	<small>15.1-25.0</small> 15.2	<small>>25.0</small> 1.4
Sulfur (S), ppm	9	26.2	<small><4</small> 1.4	<small>4-7</small> 53.4	<small>8-12</small> 39.4	<small>13-17</small> 3.7	<small>>17</small> 2.0
Zinc (Zn), ppm	3.9	6.8	<small><1.0</small> 51.9	<small>1.1-2.9</small> 31.0	<small>3.0-4.9</small> 13.3	<small>5.0-10.0</small> 3.8	<small>>10.0</small>
Manganese (Mn), ppm	39	15	<small><6</small> 1.5	<small>6-14</small> 5.6	<small>15-19</small> 12.9	<small>20-49</small> 57.5	<small>>49</small> 22.5
Iron (Fe), ppm	42	24		<small><5</small> 0.1	<small>5-9</small> 0.5	<small>10-50</small> 74.5	<small>>50</small> 25.0
Copper (Cu), ppm	1.5	1.0		<small><0.4</small> 0.3	<small>0.4-1.1</small> 43.7	<small>1.2-3.0</small> 49.2	<small>>3.0</small> 6.8
Boron (B), ppm	0.5	1.0	<small><0.4</small> 43.0	<small>0.4-0.5</small> 27.6	<small>0.6-1.2</small> 26.6	<small>1.3-2.5</small> 2.5	<small>>2.5</small> 0.3
Nitrate (NO ₃ -N), ppm	91.4	112.8	<small><5</small> 15.3	<small>5-9</small> 10.5	<small>10-19</small> 14.1	<small>20-39</small> 17.2	<small>>39</small> 42.8
Ammonium (NH ₄ -N), ppm	43.1	50.7	<small><5</small> 19.7	<small>5-9</small> 33.3	<small>10-19</small> 2.7	<small>20-39</small> 3.6	<small>>39</small> 40.8