



Northeast 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,% | 3.5 | 5.3 | <small><1.0</small> 1.5 | <small>1.0-2.5</small> 42.2 | <small>2.5-5.0</small> 50.0 | <small>5.0-7.0</small> 2.7 | <small>7.0+</small> 3.5 |
| Phosphorus (P1), ppm | 44 | 48 | <small><10</small> 6.7 | <small>10-20</small> 19.5 | <small>20-30</small> 19.6 | <small>30-50</small> 26.6 | <small>50+</small> 27.7 |
| Phosphorus (P2), ppm | 69 | 81 | <small><14</small> 8.1 | <small>14-29</small> 21.5 | <small>29-44</small> 19.6 | <small>44-74</small> 19.8 | <small>74+</small> 31.0 |
| Bicarbonate P, ppm | 25 | 13 | <small><5</small> 3.8 | <small>5-15</small> 19.6 | <small>15-25</small> 37.8 | <small>25-45</small> 33.0 | <small>45+</small> 5.8 |
| Potassium (K), ppm | 142 | 61 | | | | | |
| K, % Base Saturation | 3.9 | 2.1 | <small><0.91</small> 2.3 | <small>0.91-1.80</small> 5.3 | <small>1.81-3.60</small> 54.8 | <small>3.61-5.39</small> 31.9 | <small>5.39+</small> 7.7 |
| Magnesium (Mg), ppm | 273 | 141 | | | | | |
| Mg, % Base Saturation | 21.0 | 6.3 | <small><5</small> 0.4 | <small>5-10</small> 2.3 | <small>10-15</small> 13.5 | <small>15-25</small> 58.8 | <small>25+</small> 25.0 |
| Calcium (Ca), ppm | 1433 | 973 | | | | | |
| Ca, % Base Saturation | 63.0 | 10.7 | <small><45</small> 5.2 | <small>45-55</small> 16.5 | <small>55-75</small> 66.6 | <small>75-85</small> 10.0 | <small>85+</small> 1.7 |
| pH (1:1) | 6.6 | 0.6 | <small><5.1</small> 0.7 | <small>5.1-5.8</small> 11.1 | <small>5.9-6.0</small> 62.7 | <small>7.0-7.5</small> 20.3 | <small>>7.5</small> 5.2 |
| CEC, meq/100g | 11.1 | 5.7 | <small><3.1</small> 1.4 | <small>3.1-8.0</small> 28.0 | <small>8.1-15.0</small> 52.3 | <small>15.1-25.0</small> 16.5 | <small>>25.0</small> 1.7 |
| Sulfur (S), ppm | 8 | 19.3 | <small><4</small> 3.6 | <small>4-7</small> 60.4 | <small>8-12</small> 30.5 | <small>13-17</small> 3.1 | <small>>17</small> 2.5 |
| Zinc (Zn), ppm | 3.6 | 5.5 | <small><1.0</small> 3.6 | <small>1.1-2.9</small> 60.7 | <small>3.0-4.9</small> 25.1 | <small>5.0-10.0</small> 10.9 | <small>>10.0</small> 3.4 |
| Manganese (Mn), ppm | 36 | 14 | <small><6</small> 1.6 | <small>6-14</small> 7.2 | <small>15-19</small> 14.7 | <small>20-49</small> 61.6 | <small>>49</small> 14.9 |
| Iron (Fe), ppm | 42 | 26 | | <small><5</small> 0.4 | <small>5-9</small> 1.2 | <small>10-50</small> 69.5 | <small>>50</small> 29.0 |
| Copper (Cu), ppm | 1.8 | 1.2 | | <small><0.4</small> 0.1 | <small>0.4-1.1</small> 31.3 | <small>1.2-3.0</small> 58.1 | <small>>3.0</small> 10.4 |
| Boron (B), ppm | 0.4 | 0.3 | <small><0.4</small> 48.4 | <small>0.4-0.5</small> 25.2 | <small>0.6-1.2</small> 23.9 | <small>1.3-2.5</small> 2.3 | <small>>2.5</small> 0.3 |
| Nitrate (NO ₃ -N), ppm | 27.7 | 26.5 | <small><5</small> 11.9 | <small>5-9</small> 15.5 | <small>10-19</small> 19.3 | <small>20-39</small> 28.8 | <small>>39</small> 24.5 |
| Ammonium (NH ₄ -N), ppm | 5.4 | 9.3 | <small><5</small> 63.1 | <small>5-9</small> 26.6 | <small>10-19</small> 7.2 | <small>20-39</small> 2.2 | <small>>39</small> 0.9 |