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LABORATORIES

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