

# A & L GREAT LAKES LABORATORIES, INC.

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## Northeast Indiana 2007 SOIL TEST DATA SUMMARY

| Soil Test                   | Soil Test Result |         |         |           | Percent of Samples by Soil Test Rating |       |        |      |           |
|-----------------------------|------------------|---------|---------|-----------|--|-------|--------|------|-----------|
|                             | Average          | Minimum | Maximum | Std. Dev. | Very Low                               | Low   | Medium | High | Very High |
| Organic Matter, %           | 3.9              | 0.1     | 83.8    | 7.1       | 2.4                                    | 46.3  | 43.0   | 2.9  | 5.4       |
| Phosphorus (P1), ppm        | 47               | 1       | 2157    | 56        | 4.6                                    | 18.5  | 19.7   | 26.7 | 30.5      |
| Phosphorus (P2), ppm        | 73               | 1       | 2270    | 77        | 3.5                                    | 17.1  | 19.7   | 27.7 | 31.9      |
| Bicarbonate P, ppm          | 11               | 8       | 15      | 3         |  | 100.0 |        |      |           |
| Potassium (K), ppm          | 138              | 1       | 2649    | 62        |  |       |        |      |           |
| Potassium (K), % Base Sat.  | 4.3              | 0.1     | 35.7    | 2.5       | 0.2                                    | 5.3   | 56.6   | 30.0 | 7.9       |
| Magnesium (Mg), ppm         | 230              | 1       | 2360    | 121       |  |       |        |      |           |
| Magnesium (Mg), % Base Sat. | 19.9             | 1.5     | 54.3    | 5.7       | 0.4                                    | 3.3   | 15.4   | 63.3 | 17.6      |
| Calcium (Ca), ppm           | 1273             | 1       | 31700   | 938       |  |       |        |      |           |
| Calcium (Ca), % Base Sat.   | 61.9             | 4.5     | 98.3    | 11.0      | 6.5                                    | 19.4  | 63.2   | 9.2  | 1.7       |
| pH                          | 6.5              | 3.3     | 12.0    | 0.6       | 1.0                                    | 13.4  | 66.1   | 16.1 | 3.4       |
| CEC, meq/100g               | 10.0             | 1.3     | 99.9    | 5.7       | 2.1                                    | 38.1  | 46.3   | 11.5 | 2.0       |
| Sulfur (S), ppm             | 13               | 5       | 2771    | 37.8      |  | 2.2   | 57.1   | 34.6 | 6.1       |
| Zinc (Zn), ppm              | 3.8              | 1.2     | 159.9   | 4.1       |  | 48.9  | 35.8   | 12.2 | 3.1       |
| Manganese (Mn), ppm         | 35               | 1       | 121     | 15        | 2.6                                    | 10.3  | 13.4   | 60.1 | 13.6      |
| Iron (Fe), ppm              | 37               | 1       | 174     | 23        |  | 0.2   | 1.1    | 77.6 | 21.1      |
| Copper (Cu), ppm            | 1.5              | 0.5     | 20.8    | 0.9       |  |       | 36.8   | 57.6 | 5.5       |
| Boron (B), ppm              | 0.6              | 0.2     | 6.7     | 0.4       | 29.1                                   | 30.9  | 35.7   | 3.9  | 0.3       |