

# A & L GREAT LAKES LABORATORIES, INC.

3505 Conestoga Drive • Fort Wayne, IN 46808 • 260-483-4759 • Fax 260-483-5274  
www.algreatlakes.com • lab@algreatlakes.com



## State of Indiana 2008 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, %           | 3.6              | 0.1     | 99.2    | 5.8       | 1.7                                    | 44.3 | 46.5   | 3.5  | 4.0       |
| Phosphorus (P1), ppm        | 43               | 1       | 2192    | 47        | 5.5                                    | 20.7 | 21.2   | 26.4 | 26.1      |
| Phosphorus (P2), ppm        | 68               | 2       | 1840    | 70        | 5.5                                    | 18.0 | 19.6   | 27.2 | 29.7      |
| Bicarbonate P, ppm          | 21               | 2       | 87      | 18        | 8.3                                    | 33.3 | 33.3   | 16.7 | 8.3       |
| Potassium (K), ppm          | 138              | 3       | 3470    | 62        |                                        |      |        |      |           |
| Potassium (K), % Base Sat.  | 4.1              | 0.1     | 38.6    | 2.1       | 0.3                                    | 6.1  | 55.1   | 29.9 | 8.5       |
| Magnesium (Mg), ppm         | 229              | 10      | 2280    | 120       |                                        |      |        |      |           |
| Magnesium (Mg), % Base Sat. | 19.5             | 0.8     | 68.7    | 5.9       | 0.3                                    | 4.7  | 18.9   | 58.1 | 18.0      |
| Calcium (Ca), ppm           | 1263             | 50      | 34450   | 824       |                                        |      |        |      |           |
| Calcium (Ca), % Base Sat.   | 62.0             | 5.4     | 97.6    | 11.0      | 6.2                                    | 19.0 | 63.5   | 9.6  | 1.6       |
| pH                          | 6.4              | 2.2     | 9.8     | 0.6       | 1.0                                    | 14.7 | 65.2   | 15.1 | 4.0       |
| CEC, meq/100g               | 9.9              | 0.6     | 99.9    | 5.0       | 1.4                                    | 37.4 | 49.4   | 10.5 | 1.3       |
| Sulfur (S), ppm             | 11               | 3       | 2489    | 17.7      |                                        | 10.2 | 66.5   | 20.1 | 3.3       |
| Zinc (Zn), ppm              | 3.7              | 1.1     | 117.0   | 3.1       |                                        | 50.1 | 35.1   | 12.5 | 2.3       |
| Manganese (Mn), ppm         | 36               | 1       | 138     | 17        | 4.9                                    | 9.8  | 11.0   | 54.9 | 19.4      |
| Iron (Fe), ppm              | 42               | 1       | 1306    | 32        |                                        | 0.7  | 1.9    | 70.6 | 26.8      |
| Copper (Cu), ppm            | 1.3              | 0.3     | 32.6    | 1.1       |                                        | 0.7  | 53.2   | 42.4 | 3.6       |
| Boron (B), ppm              | 0.5              | 0.1     | 10.8    | 0.3       | 43.9                                   | 30.3 | 23.0   | 2.6  | 0.2       |