

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



Great Lakes Region 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, % | 3.5 | 0.1 | 98.1 | 4.6 | 1.7 | 39.5 | 49.1 | 6.3 | 3.4 |
| Phosphorus (P1), ppm | 49 | 1 | 9999 | 56 | 3.4 | 16.5 | 19.7 | 28.0 | 32.4 |
| Phosphorus (P2), ppm | 76 | 1 | 2270 | 64 | 3.0 | 13.5 | 17.8 | 27.9 | 37.8 |
| Bicarbonate P, ppm | 34 | 5 | 139 | 23 | 1.2 | 23.6 | 20.9 | 28.6 | 25.6 |
| Potassium (K), ppm | 147 | 1 | 24750 | 86 | | | | | |
| Potassium (K), % Base Sat. | 4.2 | 0.1 | 60.1 | 2.3 | 0.4 | 5.9 | 50.7 | 31.4 | 11.6 |
| Magnesium (Mg), ppm | 263 | 1 | 7800 | 160 | | | | | |
| Magnesium (Mg), % Base Sat. | 20.7 | 0.5 | 67.8 | 6.8 | 0.3 | 4.1 | 16.9 | 53.7 | 25.0 |
| Calcium (Ca), ppm | 1316 | 1 | 46250 | 892 | | | | | |
| Calcium (Ca), % Base Sat. | 61.4 | 1.2 | 99.1 | 11.7 | 7.7 | 21.4 | 58.9 | 9.9 | 2.0 |
| pH | 6.5 | 1.0 | 12.0 | 0.6 | 1.2 | 14.3 | 61.5 | 16.7 | 6.4 |
| CEC, meq/100g | 10.5 | 0.5 | 99.9 | 5.5 | 1.6 | 33.7 | 48.7 | 14.4 | 1.5 |
| Sulfur (S), ppm | 14 | 3 | 3921 | 28.3 | | 1.8 | 47.1 | 40.3 | 10.7 |
| Zinc (Zn), ppm | 4.8 | 1.0 | 1454.0 | 22.3 | | 42.4 | 37.8 | 16.2 | 3.6 |
| Manganese (Mn), ppm | 34 | 1 | 199 | 15 | 3.5 | 11.0 | 15.6 | 56.9 | 13.0 |
| Iron (Fe), ppm | 39 | 1 | 235 | 24 | | 1.3 | 1.7 | 73.4 | 23.6 |
| Copper (Cu), ppm | 2.0 | 0.3 | 353.0 | 5.9 | | 0.2 | 41.6 | 47.9 | 10.3 |
| Boron (B), ppm | 0.6 | 0.2 | 130.1 | 0.7 | 25.8 | 27.4 | 40.4 | 5.8 | 0.6 |