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Northeast Ohio 2009 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 | 0.8 | 54.5 | 2.9 | | 20.0 | 71.5 | 6.0 | 2.5 |
| Phosphorus (P1), ppm | 48 | 1 | 1256 | 64 | 8.8 | 23.5 | 18.6 | 19.7 | 29.3 |
| Phosphorus (P2), ppm | 83 | 2 | 630 | 74 | 6.0 | 13.8 | 14.7 | 22.9 | 42.5 |
| Potassium (K), ppm | 137 | 21 | 1622 | 89 | | | | | |
| Potassium (K), % Base Sat. | 4.0 | 0.3 | 21.0 | 2.3 | 1.2 | 15.4 | 46.8 | 23.5 | 13.0 |
| Magnesium (Mg), ppm | 204 | 30 | 950 | 87 | | | | | |
| Magnesium (Mg), % Base Sat. | 18.6 | 3.0 | 41.1 | 5.1 | 0.4 | 4.6 | 19.1 | 65.7 | 10.1 |
| Calcium (Ca), ppm | 1238 | 150 | 15600 | 893 | | | | | |
| Calcium (Ca), % Base Sat. | 63.1 | 9.4 | 95.6 | 12.4 | 7.4 | 15.0 | 62.5 | 10.6 | 4.4 |
| pH | 6.5 | 4.0 | 8.4 | 0.7 | 1.5 | 15.4 | 59.6 | 18.4 | 5.0 |
| CEC, meq/100g | 9.4 | 2.6 | 83.2 | 4.8 | 0.1 | 46.2 | 45.9 | 6.1 | 1.7 |
| Sulfur (S), ppm | 17 | 4 | 362 | 34.6 | | 10.2 | 63.4 | 10.9 | 15.5 |
| Zinc (Zn), ppm | 4.8 | 1.4 | 111.0 | 5.6 | | 43.5 | 27.9 | 21.0 | 7.6 |
| Manganese (Mn), ppm | 43 | 3 | 188 | 19 | 0.3 | 4.9 | 13.2 | 50.9 | 30.6 |
| Iron (Fe), ppm | 48 | 2 | 159 | 26 | | 0.3 | 1.0 | 62.2 | 36.4 |
| Copper (Cu), ppm | 2.8 | 0.7 | 19.9 | 2.1 | | | 10.6 | 60.3 | 29.1 |
| Boron (B), ppm | 0.8 | 0.2 | 4.9 | 0.7 | 26.8 | 21.8 | 36.9 | 12.8 | 1.7 |