



PROFESSIONAL'S NAME

CUSTOMER'S NAME

Your Name
 Your Company Name
 Your Address
 Your City, ST ZIP
 Your Phone

Your Customer's Name
 & Contact Information

Sample Number YCN-4567
 Collection Date 2010-02-05
 Process Date 2010-02-12
 Report Date 2010-02-15
 Date of Last Liming _____
 Soil Type Sandy Loam

Tree(s) Species Pin Oak (Quercus) Watering Method None
 Canopy Area 900 sq.ft. Tree(s) Life Stage Mature (20+ yrs)
 Sample Notes: SE corner front yard, leaves lighter green than neighboring tree

LABORATORY ANALYSIS and RECOMMENDATIONS

[Results reported as Parts Per Million (ppm)]

TEST	RE-SULTS	OPTIMUM RANGE	RATING	RECOMMENDATIONS
1. pH	7.0	5.5 - 6.0	High	Adding 5# of sulfur per 100 sq.ft. of canopy will lower pH and make secondary & micro nutrients more available
2. Calcium (Ca)	553	622 - 888	Low	Apply 50 lbs/1000 sq.ft. of agricultural gypsum in Fall or Spring
3. Core Depth	10"	12+"	Low	Apply 4 ozs./1000 sq.ft. of Bio-Aer or similar Organic Soil Conditioner at 6-8 week intervals until Optimum Range is reached
4. Humus Content	5%	10+%	Very Low	Apply 25 lbs/1000 sq.ft. of Bio- Soil Boost or similar organic material
5. Thatch Layer	.5"	0 - .125"	Very High	2 applications of Compost Tea or Bio-Krobe at 6 wk. intervals starting in May
6. Soluble Salts	16	10 - 20	Normal	Continue program including a high quality, complete & balanced fertilizer
7. Nitrates (NO ₃)	11	5 - 15	Normal	Continue program including a high quality, complete & balanced fertilizer
8. Ammonium (NH ₄)	5	2 - 7	Normal	Continue program including a high quality, complete & balanced fertilizer
9. Phosphate (HPO ₄)	2	5 - 10	Low	Apply 30 lbs./1000 sq.ft. rock phosphate or 3 lb./1000 sq.ft. of superphosphate
10. Potassium (K)	12	8 - 15	Normal	Continue program including a high quality, complete & balanced fertilizer
11. Magnesium (Mg)	24	20 - 30	Normal	No action required
12. Iron (Fe)	.1	.5 - 3	Very Low	Apply 4 ozs./1000 sq.ft. of Bio-Green in 4 gals. of water 3 times during season
13. Manganese (Mn)	1	.5 - 2	Normal	No action required
14. Boron (B)	.15	.06 - .5	Normal	No action required
15. Copper (Cu)	.25	.06 - .5	Normal	No action required
16. Zinc (Zn)	3.2	.3 - 3.0	High	No action required
17. Sulfates (SO ₄)	40	40 - 150	Normal	No action required
18. Chlorides (Cl)	10	0 - 30	Normal	Avoid fertilizers containing chlorides
Special Instructions & Recommendations				