



Sample Number YCN-3558  
 Collection Date 2010-02-05  
 Process Date 2010-02-12  
 Report Date 2010-02-15  
 Date of Last Liming \_\_\_\_\_  
 Soil Type Loam

**PROFESSIONAL'S NAME**  
 Your Name \_\_\_\_\_  
 Your Company Name \_\_\_\_\_  
 Your Address \_\_\_\_\_  
 Your City, ST ZIP \_\_\_\_\_  
 Your Phone \_\_\_\_\_

**CUSTOMER'S NAME**  
 Your Customer's Name  
 & Contact Information \_\_\_\_\_

Main Root Development 2 inches    Regular Cutting Height 1.5 inches  
 Main Type Grasses Bluegrass, Fescue, Rye    Watering Method Auto Sprinklers  
 Size of Test Area 5,000 sq.ft.    Lawn Life Stage Established  
 Sample Notes: \_\_\_\_\_

LABORATORY ANALYSIS and RECOMMENDATIONS				
				[Results reported as Parts Per Million (ppm)]
TEST	RE-SULTS	OPTIMUM RANGE	RATING	RECOMMENDATIONS
1. pH	5.4	6.2 - 6.8	High	Apply 48 lbs./1000 sq.ft. Dolomitic limestone
2. Calcium (Ca)	75	662 - 888	Extremely Low	Apply 225 lbs./ 1000 sq.ft. of gypsum in 56# applications 4-6 months apart
3. Core Depth	7"	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	2%	10+%	Extremely Low	Apply 50 lbs/1000 sq.ft. of Bio- Soil Boost or similar organic materia (2 applications of 25 lbs/1000 sq.ft. at 4-6 month interval)
5. Thatch Layer	.25"	0 - .125"	High	1 applications of Compost Tea or Bio-Krobe at 6 wk. intervals starting in May
6. Soluble Salts	6	15 - 35	Extremely Low	ASAP Start/Continue program with a high quality, complete & balanced fertilizer
7. Nitrates (NO <sub>3</sub> )	5	10 - 20	Very Low	Start/Continue program with a high quality, complete & balanced fertilizer
8. Ammonium (NH <sub>4</sub> )	8	5 - 10	Normal	Continue program including a high quality, complete & balanced fertilizer
9. Phosphate (HPO <sub>4</sub> )	.2	2 - 5	Extremely Low	Apply 50 lbs./1000 sq.ft. rock phosphate or 5 lb./1000 sq.ft. of superphosphate
10. Potassium (K)	5	5 - 25	Low Normal	Apply 20 lbs./1000 sq.ft of Greensand or 2 lb./1000 sq.ft. of potassium sulfate
11. Magnesium (Mg)	21	10 - 30	Normal	No action required
12. Iron (Fe)	.1	.5 - 5	Very Low	Apply 4 ozs./1000 sq.ft. of Bio-Green in 4 gals. of water 3 times during season
13. Manganese (Mn)	.8	.5 - 5	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 <sub>4</sub> )	40	40 - 150	Normal	No action required
18. Chlorides (Cl)	10	0 - 30	Normal	Avoid fertilizers containing chlorides
Special Instructions & Recommendations	<b>Do Not Collect</b> regular (short) grass clippings as they add natural nitgogen & organic matter back into the soil.			