



PROFESSIONAL'S NAME

CUSTOMER'S NAME

Your company name
and contact information

Your customer's name
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Sample Number PSA-8294
 Collection Date 2011-03-31
 Process Date 2011-04-07
 Report Date 2011-04-09
 Date of Last Liming _____
 Soil Type Clay Loam

Main Root Development 4 inches Regular Cutting Height 2.5 inches
 Main Type Grasses Bluegrass, Fescue, Rye Watering Method Auto Sprinkler
 Size of Lawn 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 Adjustment	6.0	6.2 - 6.8	Low	Apply 45 lbs./1000 sq.ft. of Dolomitic Limestone {Pelletized form recommended}
2. Calcium (Ca)	81	888 - 1100	Extremely Low	Apply 240 lbs./ 1000 sq.ft. of gypsum in (4) 60 lb. applications 4-6 months apart
3. Core Depth	6.0 "	12+"	Very Low	Apply 4 oz./1000 sq.ft. of Bio-Aer or similar Organic Soil Conditioner at 6-8 week intervals throughout the growing season until Optimum Range reached.
4. Humus Content	7 %	10+%	Low	Apply 12.5 lbs/1000 sq.ft. of Bio- Soil Boost or similar organic material.
5. Thatch Layer	0.5"	0 - .125"	Very High	Make 2 application of Compost Tea or Bio-Krobe in May/June
6. Soluble Salts	14	177 - 426	Extremely Low	ASAP Start/Continue nutrition program with a high quality, complete & balanced fertilizer with low salt and chloride content
7. Nitrates (NO ₃)	2	10 - 20	Extremely Low	Refer to Item#6
8. Ammonium (NH ₄)	2	5 - 15	Very Low	Refer to Item#6
9. Phosphate (HPO ₄)	3	2 - 5	Normal	No action required
10. Potassium (K)	2	5 - 25	Very Low	Follow Items #6-8 or Apply 40 lbs./1000 sq.ft of Greensand or 4 lbs./1000 sq.ft. of potassium sulfate
11. Magnesium (Mg)	11	10 - 30	Low Normal	If recommendations in Item #1 are being followed, no additional application required. If not, apply 4 ozs./1000 sq.ft. of Bio-Green in 4 gals. of water 1 time during season
12. Iron (Fe)	0.4	0.5 - 5	Low	Refer to Item #16
13. Manganese (Mn)	0.1	0.5 - 5	Very Low	Refer to Item #16
14. Boron (B)	0.03	0.06 - .5	Very Low	Refer to Item #16
15. Copper (Cu)	0.06	0.06 - .5	Low Normal	Refer to Item #16
16. Zinc (Zn)	0.04	0.3 - 3.0	Extremely Low	Apply 4 ozs./1000 sq.ft. of Bio-Green in 4 gals. of water 4 times during season or similar micro-nutrient material
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

Do Not Collect regular (short) grass clippings as they add natural nitrogen & organic matter back into the soil.