Basic Analysis

Sample Information	Client Information	Dealer Information
Date Sampled:	Grower:	Dealer: Specialty Turf & Ag
Date Tested:		
Acres:		
Area:		

Field Identification	Depth in Inches upper	Depth in Inches lower	C.E.C.	K % B.S.	Mg % B.S.	Ca % B.S.	Na % B.S.	H % B.S.
	0	6	13.2	1.3%	3.8%	19.4%	0.0%	75.5%

Cation Exchange Capacity and % Base Saturations

Test	Result	Interpretation (VL / L / M / H / VH)
pH	5.6	Medium Acid
SMP BUFFER pH	6.4	
Lime Requirement ENP	5000	
ORGANIC MATTER %	1.7	>>>>>>>>>>>>>>>>
SOLUBLE SALTS mmhos/cm	0.1	<<<<<<
NITROGEN		
NO_3 (ppM)		
NO_3 (lbs./acre)		
PHOSPHORUS		
Bray 1 (ppm)	45	>><<<<<
Olsen (ppm)		
CATIONS (ppm)		
Potassium	69	>>>>>>>>>>>>>>>>
Magnesium	60	>>>>>>
Calcium	513	>>>>>>
Sodium		
TRACE ELEMENTS		
Sulfur (ppm)		
Copper (ppm)		
Iron (ppm)		
Manganese (ppm)		
Zinc (ppm)		
Boron (ppm)		

U of M Nutrient Requirements

	Management 1	Management 2	Management 3
	Lawn	Lawn	Lawn
Lime lbs/1000ft^2	50.0	50.0	50.0
N lbs/1000ft^2	4.0	3.0	2.0
P_2O_5 lbs/1000ft^2	0.0	0.0	0.0
P_2O_5 lbs/1000ft^2			
K_2O lbs/1000ft^2	3.0	2.0	2.0
Mg lbs/1000ft^2	0	0	0
Ca lbs/1000ft^2	0	0	0
S lbs/1000ft^2			
Cu lbs/1000ft^2			
Fe lbs/1000ft^2			
Mn lbs/1000ft^2			
Zn lbs/1000ft^2			
B lbs/1000ft^2			

Management 1-Irrigated with clippings removed
Management 2-Irrigated with clippings not removed
Management 3-Not Irrigated with clippings removed
Management 4-Not Irrigated with clippings not removed (see below for nutrient requirements)

N lbs/1000ft2	P_2O_5 lbs/1000ft^2	K_2O lbs/1000ft^2
1.0	0.0	1.0

Multiply by 44 to convert the rates in lbs/1000ft^2 to lbs/acre

Procedures Certified by Minnesota Department of Agriculture