ANALYTICAL CHEMISTS
and
BACTERIOLOGISTS

SOIL CONTROL LAB

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Account #:
Group:
Reporting Date:

Client
Address
Address

SAMPLE REPORT

Date Received:
Sample Identification:
Sample ID #:

Nutrients-Primary + Secondary	Units	Wet wt. Basis	Dry wt. Basis	TMECC Method
Total Nitrogen:	%	0.86	1.4	4.02-D
Ammonia (NH_4-N):	mg/kg	230	360	4.02-C
Nitrate (NO_3-N):	mg/kg	8.5	14	4.02-B
Organic Nitrogen (Org.-N):	%	0.84	1.4	Calc.
Phosphorus (as P_2O_5):	%	0.43	0.68	Calc.
Phosphorus (P):	mg/kg	1900	3000	4.03-A
Potassium (as K_2O):	%	0.72	1.2	Calc.
Potassium (K):	mg/kg	6000	9600	4.04-A
Calcium (Ca):	%	1.8	2.9	4.05
Magnesium (Mg):	%	0.32	0.51	4.05
Sulfate (SO_4):	mg/kg	3600	5700	4.12-D/IC
Nutrients - Trace elements				
Copper (Cu):	mg/kg	45	73	4.05-Cu
Zinc (Zn):	mg/kg	210	340	4.05-Zn
Iron (Fe):	mg/kg	10000	16000	4.05-Fe
Manganese (Mn):	mg/kg	160	260	4.05-Mn
Boron (B):	mg/kg	36	58	4.05-B
Salts, pH, Bulk Density, Carbonates				
Sodium (Na):	%	0.12	0.20	4.05-Na
Chloride (Cl):	%	0.18	0.28	04.05/IC
pH Value:	units	7.82	NA	04.11-A
Electrical Conductivity (EC5 dw):	mmhos/cm	NA	6.6	04.10-A
Bulk Density :	lb/cu ft	41	26	SCL
Carbonates (as $CaCO_3$) :	lb/ton	24	38	04.08-A
Organic Matter:	%	23.1	36.9	05.07-A
Organic Carbon:	%	14	23	4.01
Ash:	%	39.6	63.1	3.02
C/N Ratio	ratio	16.4	16.4	calc.
Moisture:	%	37.3	0	3.09
AgIndex	ratio	6.7	6.7	SCL

To Calculate lbs/ton: (%Nutrient) x (20)
To Calculate lbs/ton: (mg/kg Nutrient/10,000) x (20)
To Calculate lbs/cu yd: (%Nutrient/100) x B.D. x 27
To Calculate lbs/cu yd: (mg/kg Nutrient/1,000,000) x B.D. x 27