MOTZZ LABORATORY, INC.

Soil Analysis Report

Motzz Laboratory

Project: G21307
Sampler:
Date Received: 5/8/2014
Date Reported: 5/13/2014

PO Number: G21307

Lab Number: 910119-01 **2&3&4 (0-4')** **Crop: Landscape**

Soil Complete Test	Method	Result	Units	Levels
pH	1:1	8.1	SU	High
Electrical Conductivity, EC	1:1	0.63	dS/m	Medium
Calcium, Ca	NH4OAc (pH 8.5)	3,300	ppm	Very High
Magnesium, Mg	NH4OAc (pH 8.5)	290	ppm	Very High
Sodium, Na	NH4OAc (pH 8.5)	140	ppm	Medium
Potassium, K	NH4OAc (pH 8.5)	230	ppm	Medium
Zinc, Zn	DTPA	0.86	ppm	Medium
Iron, Fe	DTPA	9.2	ppm	High
Manganese, Mn	DTPA	3.9	ppm	Medium
Copper, Cu	DTPA	1.3	ppm	High
Nickel, Ni	DTPA	0.19	ppm	
Nitrate-N, NO3-N	Cd Reduction	14	ppm	Medium
Phosphate-P, PO4-P	Olsen	10	ppm	Medium
Sulfate-S, SO4-S	Hot Water	130	ppm	Very High
Boron, B	Hot Water	0.43	ppm	Medium
Free Lime, FL	Acid Test	High		
ESP	Calculated	3.0	%	
CEC	Calculated	20.1	meq/100g	

Levels are generalized and apply to most cropping environments.
Low means a high probability that applying nutrient will elicit a growth response.
Medium means a moderate probability of plant growth from application.
High means little or no response expected from application of this nutrient.
Very High means adding the nutrient may reduce growth or cause imbalance.