

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Coyote Springs Golf Club City Coyote Springs State NV

Independent Consultant Soil and Water Consulting Date 8/22/2017

Sample Location <u>NURSERY</u>		SOIL				
Sample Identification		SAMPLES				
Lab Number		0048-1				
Total Exchange Capacity (ME/100 g)		13.51				
pH (H ₂ O 1:1)		^a 8.0				
Organic Matter (360°C LOI) %		1.27				
Estimated Nitrogen Release lb/A		45				
ANIONS	SOLUBLE SULFUR* ppm	38				
	PHOSPHORUS MEHLICH III lb/A P as P ₂ O ₅ ppm of P					
	BRAY II lb/A P as P ₂ O ₅ ppm of P					
	OLSEN lb/A P as P ₂ O ₅ ppm of P	939 205				
EXCHANGEABLE CATIONS	CALCIUM* lb/A ppm	3876 1938				
	MAGNESIUM* lb/A ppm	560 280				
	POTASSIUM* lb/A ppm	432 216				
	SODIUM* lb/A ppm	218 109				
BASE SATURATION PERCENT						
Calcium %		71.72				
Magnesium %		17.27				
Potassium %		4.10				
Sodium %		3.51				
Other Bases %		3.40				
Hydrogen %		0.00				
EXTRACTABLE MINORS						
Boron M3 (ppm)						
Iron** (ppm)		6				
Manganese** (ppm)		4				
Copper** (ppm)		1.60				
Zinc** (ppm)		3.26				
Aluminum (ppm)						
OTHER TESTS	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					
	NO ₃ -N (ppm)	1.9				
	NH ₄ -N (ppm)	61.2				

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable