



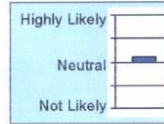
Irrigation Water Suitability Analysis

Precision Agri-Lab
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Log In #: 3171207 Branch Name: SAN JACINTO
 Grower: PONDERIFFIC Fieldman: BOB RIEHLE
 Description: CADILLAC RANCH RV PARK PON Date Sampled: 7/9/2011

pH	7.47
Electrical Conductivity (ECw in dS/m)	1.46
Sodium Adsorption Ratio (SAR)	5.09
Adjusted SAR	6.50
Hardness	342
Theoretical pH (pHc)	7.09
TDS (ppm)	

Scale Formation Tendency



Sample #: 1

Cations	meq/L	ppm	lbs/acre-inch	lbs/acre-foot	% of Total Cations
Calcium (Ca)	3.99	80	18	217	24
Magnesium (Mg)	2.88	35	8	94	18
Potassium (K)	0.06	2	1	7	0
Sodium (Na)	9.43	217	49	590	58
Total Cations	16.37				

Anions	meq/L	ppm	lbs/acre-inch	lbs/acre-foot	% of Total Anions
Bicarbonate + Carbonate (HCO3+CO3)	8.50	519	118	1410	52
Chloride (Cl)	0.82	29	7	79	5
Sulfate (SO4-S)	7.06	113	26	307	43
Nitrate (NO3-N)	0.04	1	0	1	0
Total Anions	16.42				

Other	ppm	lbs/acre-inch	lbs/acre-foot
Boron (B)	0.08	0.0	0.2
Iron (Fe)	0.00	0.0	0.0
Manganese (Mn)	0.25	0.1	0.7

