

IRRIGATION

Water Analysis

Performed by **The NINEMIRE GROUP**



7.7

pH

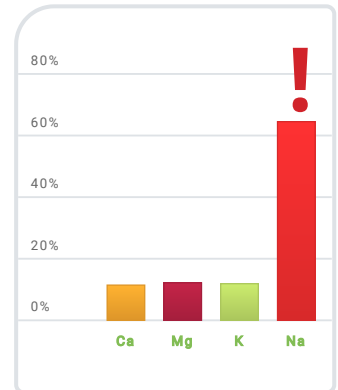
790

Dissolved Salts (ppm)

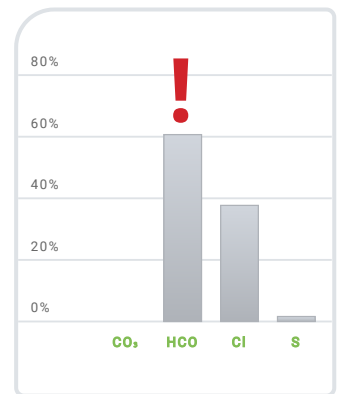
7.4

pHc

		Ideal	ppm	meq/l	lbs/acre-ft	% Total Cations
Calcium	(Ca)	10-120 ppm	31.0	1.6	84	11%
Magnesium	(Mg)	6-24 ppm	20.0	1.7	54	12%
Potassium	(K)	.5-10 ppm	63.0	1.6	171	12%
Sodium	(Na)	0-50 ppm	201.0 !	8.7	547	65%
Iron	(Fe)	2-5 ppm	0.5	---	1	---
Total Cations				13.6		
Total Alkalinity	(CaCO₃)	0-100 ppm	357.0		971	



		Ideal	ppm	meq/l	lbs/acre-ft	% Total Anions
Carbonate	(CO ₃)	0-3 ppm	< 5.0	0.0	0	0%
Bicarbonate	(HCO ₃)	0-120 ppm	435.0 !	7.1	1183	61%
Hydroxide	(OH)	0-10 ppm	< 5.0	---	0	---
Chloride	(Cl)	0-140 ppm	157.0	4.4	427	38%
Sulfur	(S)	0-400	3.0	0.2	8	2%
Total Anions				11.7		
Cation/Anion Ratio			1.15			



CALCIUM-MAGNESIUM AVAILABILITY

This water may possibly precipitate calcium.

		Ideal	ppm	meq/l	lbs/acre-ft	% Total
Phosphorus	(P)	.005-5	36.00			
Nitrate	(NO ₃ -N)	0-5	2.60			
Boron	(B)	.2-.8 ppm	< 0.10			
Conductivity	(eC)		1.2 dS/m			
SAR	(SAR)		6.92			
Adjusted SAR	(AdjSAR)		13.83 !			

