

## Irrigation Water Sample Laboratory Analysis Report

Customer Information			
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Sample Information	
Laboratory #:	2727
Grower ID:	Jones
Sample ID:	Irrigation Water
Date:	April 3, 2008

Irrigation Suitability Water Analysis Test Results	Specific Gravity	Density lbs / Gal	pH	EC / Soluble Salts (mS/cm)	CaCO3 Total Alkalinity (ppm)	Hardness (ppm)	Hardness (grains / gallon)	CO3 Carbonate (ppm)	HCO3 Bicarbonate (ppm)	OH Hydroxide (ppm)	Total Dissolved Solids (ppm)	Total Suspended Solids (ppm)	Total Solids (ppm)	NO2 N Nitrite Nitrogen (ppm)	NO3-N Nitrate Nitrogen (ppm)	NH4 Ammonic Nitrogen (ppm)	N Total Nitrogen (ppm)
Level Found	1.00	8.33	6.92	1.87	87.21	338.35	19.79	0.00	106.41	0.00	1196.16				1.76		
Lbs per Acre Inch															0.40		
meq / liter									1.76								
Preferred			5.5 - 7.5	< 0.75	< 400.00			< 15.00	< 40.00					*	< 75.00	< 10.00	
Potential Problems			< 5.5 or > 7.5	> 0.75	> 400.00			> 15.00	> 40.00					*	> 75.00	> 10.00	
Severe Problems			< 4.5 or > 8.5	> 3.00	*			> 20.00	> 180.00					*	*	*	

Irrigation Suitability Water Analysis Test Results	P Phosphorus (ppm)	K Potassium (ppm)	Ca Calcium (ppm)	Mg Magnesium (ppm)	SO4-S Sulfate Sulfur (ppm)	Na Sodium (ppm)	Sodium Adsorption Ratio	Cl Chloride (ppm)	Al Aluminum (ppm)	B Boron (ppm)	Cu Copper (ppm)	Fe Iron (ppm)	F Fluoride (ppm)	Mn Manganese (ppm)	Mo Molybdenum (ppm)	Zn Zinc (ppm)	Cation / Anion Ratio
Level Found	3.54	28.97	85.62	30.18	112	199.37	4.72	339.56	0.20	0.39	0.02	0.19		0.02		0.04	0.88
Lbs per Acre Inch	0.80	6.57	19.41	6.84	25	45.20		76.99	0.05	0.09	0.00	0.04		0.00		0.01	
meq / liter		0.75	4.27	2.48	6.97	8.67		9.47									
Preferred		< 100.00	< 75.00	< 30.00	< 40.00	< 70.00	< 3.00	< 70.00		< 0.50	< 0.20	< 4.00		< 2.00	< 0.20	< 1.00	
Potential Problems		> 100.00	> 75.00	> 30.00	> 40.00	> 70.00	> 3.00	> 70.00		> 0.50	> 0.20	> 4.00		> 2.00	> 0.20	> 1.00	
Severe Problems		*	> 150.00	> 50.00	> 100.00	> 180.00	> 6.00	> 300.00		> 2.00	*	*		*	*	*	

**Comments:**