



Analytical Report

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Sample Description: Water Blank 8/13/15
Sample Range: Water

EMW-400 : Water Irrigation Suitability

Components		Results		Target Ranges	Acceptable
		mg/L	meq	(mg/L)	(mg/L)
MAJOR CATIONS					
Potassium	K	0.97	0.02		<100
Calcium	Ca	0.27	0.01	25 - 75	<150
Magnesium	Mg	0.18	0.02	10 - 30	<50
Sodium	Na	0.29	0.01	0 - 20	<50
MAJOR ANIONS					
Phosphate	PO4	0.45	0.01		<90
Sulfate	SO4	1.70	0.04	0 - 120	<240
Chloride	Cl	1.00	0.03	0 - 20	<140
HCO3 Alkalinity	HCO3	2.00	0.03		
CO3 Alkalinity	CO3	0.00	ND		
Ammonium Nitrogen	NH4-N	1.10			<10
Nitrate Nitrogen	NO3-N	ND			<75
pH	pH	5.26		5.50 - 7	4-10
Soluble Salts	EC	0.01		0.20 - 0.80	0-1.5
Total Alkalinity	CaCO3	2.00		40 - 160	0-400
Iron	Fe	0.01		< 1	<4
Manganese	Mn	ND		< 1	<2
Boron	B	0.02		< 0.10	<0.5
Copper	Cu	0.03		< 0.10	<0.2
Zinc	Zn	ND		< 0.50	<1
Molybdenum	Mo	0.01		< 0.10	<0.2
Aluminum	Al	0.11			