

WESTERN LABORATORIES, INC.

P.O. Box 1020 • 211 Highway 95 • Parma, ID 83660
800-658-3858 • FAX 208-722-6550
<http://www.westernlabs.net>

Irrigation Water Analysis Report

Dealer No:

Name:

Lab No: 684

Date: 7-25-1900

SV #:

Field ID: IRRIGATION WELL

Grower: SILVER CREEK

Test ID: 20

Interpretation of Irrigation Water Test

TEST	YOUR ANSWERS	ANSWER INTERP	POUNDS/ AC. FT.	HAZARDS		
				LOW	MEDIUM	HIGH
pH - Corrosivity	6.7	LOW		6.5 - 8.4	5.5 - 6.4	< 5.5
Electrical Conductivity - Salinity	.73	LOW	1261	0 - 0.75	0.76 - 3.0	3.1+
Calcium (Ca) ppm	23.70	LOW	64	< 75	75 - 150	151+
Magnesium (Mg) ppm	22.99	LOW	62.1	< 35	36 - 75	76+
Sodium (Na) ppm	71.90	HIGH	194.1	0 - 40	41 - 68	> 69
Sulfate-S (SO4) ppm	0.13	LOW	.4	< 15	16 - 45	46+
Boron (B) ppm	1.63	HIGH	4.4	< 0.5	0.5 - 1.5	> 1.6
Nitrate (NO ₃) mg/Liter	14.90	HIGH	40.2	0 - 5	6 - 10	11+
Phosphorus (P) ppm	0.03	LOW	.1	0 - 0.5	0.51 - 1.0	1.1+
Potassium (K) ppm	11.00	MEDIUM	29.7	< 10	11 - 25	26+
Zinc (Zn) ppm	0.50	HIGH	1.3	0 - 0.3	0.2 - 0.4	0.5+
Manganese (Mn) ppm	0.76	MEDIUM	2	0 - 0.5	0.6 - 1.0	1.1
Iron (Fe) ppm	0.70	LOW	1.9	0 - 3	3.0+	
Copper (Cu) ppm	0.50	HIGH	1.4	< 0.1	0.1 - .19	0.2 +
Chlorides	41.00	LOW	111	0 - 100	101 - 140	141+
Carbonates + Bicarbonates	112.9	MEDIUM	305	0 - 85	86 - 450	451+
SAR (Sodium Adsorption Ratio)	2.5	HIGH		1 - 1.5	1.6 - 2.1	> 2.2
10-34 Compatability						

John P. Taberna
Soil Scientist