

Yield of 7 harvests of alfalfa varieties grown at UC WSREC, Five points, CA (2020) under high salinity (HS) and low salinity (LS) treatments in a split-plot design. Treatments were irrigated with 1.0-1.5 dS/m and 8.0-10 dS/m (ECw), for LS and HS respectively. Significant difference found in treatment and varieties but no treatment x variety interaction.

Variety	Season Yield (ton/A)		
	LS	HS	Average
UC Salton	13.81	13.15	13.48
SW9573	15.04	12.99	14.01
UC Impalo	15.18	12.54	13.86
SW8412	14.44	11.80	13.12
AZ-88NDC	14.61	11.65	13.13
Integra 8810S	15.99	11.60	13.79
CUF101	13.10	11.56	12.33
PGI 908-S	17.06	11.56	14.31
9R100	16.32	11.36	13.84
SW9106M	16.39	11.29	13.84
SW8476	16.71	11.26	13.99
R814W258S	16.11	10.90	13.51
H0916ST223	12.27	10.75	11.51
SW8421RRS	17.27	10.68	13.98
SW9577	14.34	10.32	12.33
R914W259S	15.60	10.06	12.83
AZ-90NDC-ST	15.52	10.06	12.79
SW9215RRS	15.85	9.97	12.91
C0916ST232	13.86	9.86	11.86
FGR814W275	13.02	9.84	11.43
H0916ST216	12.87	9.66	11.26
SW8409	15.17	9.61	12.39
H0915ST212	14.22	9.61	11.92
H0716ST227	12.88	9.56	11.22
H0715ST209	14.47	9.55	12.01
H0916ST218	13.47	8.98	11.22
SW9576	12.33	8.86	10.60
AFX149092	14.75	8.75	11.75
H0815ST210	15.66	8.75	12.20
H0916ST217	12.34	8.66	10.50
R814W257S	16.37	8.65	12.51
H0915ST214	16.06	8.34	12.20
H0716ST222	11.99	8.06	10.02
H0715ST211	14.00	7.68	10.84
Treatment mean	14.7	10.2	13.0
CV%	20.5		
LSD (p=0.05)	0.6		
treatment	***		
variety	*		
treatment X variety	ns		