

Yield of 7 harvests of alfalfa varieties grown at UC WSREC, Five points, CA (2018) 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. \*Data taken from 2 of 4 reps for entry 32 'Salado'.

Entry	Variety	Season Yield (ton/A)		
		LS	HS	Average
34	UC Salton	12.0	12.2	12.1
22	SW9573	12.0	11.3	11.7
28	Integra 8810S	12.9	11.3	12.1
26	SW8421RRS	13.5	11.3	12.4
29	9R100	14.6	11.1	12.9
2	AZ-88NDC	13.7	10.9	12.3
4	C0916ST232	12.9	10.7	11.8
10	H0916ST223	10.8	10.5	10.7
27	SW9106M	12.9	10.4	11.6
11	H0715ST209	10.2	10.4	10.3
3	CUF101	12.9	10.4	11.6
24	SW9577	13.7	10.2	12.0
25	SW9215RRS	13.3	10.1	11.7
33	UC Impalo	12.7	9.9	11.3
30	PGI 908-S	14.3	9.8	12.1
23	SW9576	11.5	9.5	10.5
9	H0916ST218	12.1	9.4	10.8
16	R814W257S	13.7	9.4	11.6
1	AZ-90NDC-ST	12.5	9.3	10.9
35	FGR814W275	10.5	9.2	9.8
17	R814W258S	11.8	9.1	10.5
21	SW8476	13.1	9.1	11.1
18	R914W259S	11.5	9.0	10.3
6	H0716ST227	10.6	9.0	9.8
19	SW8409	11.7	9.0	10.3
15	H0915ST214	11.3	8.9	10.1
8	H0916ST217	10.4	8.6	9.5
12	H0715ST211	11.5	8.6	10.0
7	H0916ST216	11.5	8.5	10.0
13	H0815ST210	11.8	8.4	10.1
14	H0915ST212	11.1	8.4	9.8
20	SW8412	12.3	8.4	10.4
31	AFX149092	13.5	8.3	10.9
32	Salado*	13.3	8.1	10.7
5	H0716ST222	12.9	7.9	10.4
	Treatment mean	12.3	9.6	11.0
	CV%	16.5		
	LSD (p=0.05)	1.8		
	treatment	**		
	variety	***		
	treatment X variety	ns		