

Table 6. UC Davis Semidormant Alfalfa Cultivar Trial 1997-1999 Yields. Trial planted 9/16/96

ENTRY	1997 Yield	1998 Yield	1999 Yield	AVERAGE						% OF Lahontan	
Dry Tons/Acre											
Released Cultivars											
SW 7410	11.87	(1)	8.63	(1)	11.72	(3)	10.74	(1)	A		148.8
Sutter	11.32	(3)	8.39	(2)	12.27	(1)	10.58	(2)	A		146.6
5681	10.38	(21)	7.77	(7)	11.11	(5)	9.75	(5)	B C		135.2
Corona	10.74	(9)	7.99	(4)	10.04	(17)	9.59	(9)	B C D		132.9
Royal	10.21	(28)	7.42	(15)	11.03	(7)	9.55	(10)	B C D		132.4
Express	10.38	(22)	7.67	(8)	10.61	(11)	9.55	(11)	B C D		132.4
Achiever(90MC1)	10.63	(14)	7.43	(14)	9.92	(20)	9.48	(15)	C D		131.4
Tango (FG6B99)	11.20	(4)	7.90	(5)	9.12	(27)	9.48	(16)	C D E		131.3
Parade	10.66	(12)	7.47	(12)	9.45	(22)	9.20	(22)	C D E F G H		127.4
WL 414	10.75	(8)	7.16	(23)	9.59	(21)	9.16	(23)	C D E F G H		127.0
ABI 9252	10.47	(19)	7.51	(11)	9.06	(28)	9.02	(25)	D E F G H I		124.9
WL 325HQ	10.03	(30)	7.20	(21)	8.86	(30)	8.78	(27)	E F G H I		121.6
Arriba (ABI 9161)	10.43	(20)	7.00	(27)	8.86	(29)	8.76	(28)	F G H I		121.4
DK 166	10.33	(24)	7.10	(25)	7.89	(32)	8.57	(30)	H I		118.8
Lahontan	6.61	(32)	5.77	(32)	9.31	(24)	7.22	(32)	J		100.0
Experimental Cultivars											
SW 7602	10.47	(18)	8.06	(3)	12.11	(2)	10.21	(3)	A B		141.5
DS 673	10.95	(7)	7.63	(9)	10.73	(8)	9.77	(4)	B C		135.4
SW 7525	10.71	(10)	7.54	(10)	10.73	(9)	9.65	(6)	B C D		133.7
CW 46106	10.62	(15)	7.46	(13)	10.70	(10)	9.61	(7)	B C D		133.1
SW 7407	10.37	(23)	7.27	(18)	11.17	(4)	9.60	(8)	B C D		133.1
IK 8808	10.66	(11)	7.86	(6)	10.03	(18)	9.52	(12)	B C D		131.9
DS 672	11.12	(5)	7.24	(19)	10.15	(15)	9.50	(13)	C D		131.7
SW 7524	10.50	(17)	6.91	(28)	11.08	(6)	9.50	(14)	C D		131.6
ZX 9363	11.07	(6)	7.21	(20)	10.12	(16)	9.46	(17)	C D E F		131.1
CW 4791	11.61	(2)	7.30	(17)	9.40	(23)	9.44	(18)	C D E F G		130.8
SW 7627	10.60	(16)	7.14	(24)	10.48	(12)	9.28	(19)	C D E F G		128.6
DS 671FQ	10.19	(29)	7.16	(22)	10.25	(14)	9.20	(20)	C D E F G H		127.5
WL C166	10.29	(26)	7.31	(16)	9.99	(19)	9.20	(21)	C D E F G H		127.5
DS 674	10.25	(27)	6.73	(29)	10.38	(13)	9.16	(24)	C D E F G H		126.9
CW 4692	10.64	(13)	7.09	(26)	9.17	(26)	8.97	(26)	D E F G H I		124.3
IK 8919	10.32	(25)	6.64	(30)	9.30	(25)	8.75	(29)	G H I		121.3
WL 91-210	9.98	(31)	6.53	(31)	8.70	(31)	8.41	(31)	I		116.5
MEAN	10.51		7.38		10.20		9.35				
CV	5.70		8.20		8.80		7.80				
LSD (.05)	0.84		0.85		1.27		0.70				

Variety X Year interaction is significant

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at the Univ. of California Agronomy Farm, Davis, CA.

Entries followed by the same letter are not significantly different at the 5% probability level according to Fishers (protected) LSD.

Last Updated on 12/21/1999