

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