

Table 7. UC DAVIS ALFALFA CULTIVAR TRIAL 2002-2003 YIELDS. TRIAL PLANTED 9/17/01

	2002	2003	Average		% OF CUF 101 %
	-----Yield-----				
	-----Dry tons/acre-----				
Released Varieties					
AL999Plus	11.60 (2)	12.66 (1)	12.13 (1)	A	112.4
WL625HQ	11.21 (10)	11.99 (4)	11.60 (3)	A B C	107.5
DS681FQ	11.23 (8)	11.90 (5)	11.56 (4)	A B C	107.2
59N49	11.46 (5)	11.52 (8)	11.49 (6)	A B C D	106.5
WL711WF	11.22 (9)	11.66 (6)	11.44 (7)	A B C D E	106.0
SW7410	11.32 (6)	11.41 (10)	11.37 (8)	A B C D E F	105.4
CW57104	11.28 (7)	11.42 (9)	11.35 (9)	A B C D E F	105.2
Achiever	10.94 (13)	11.16 (14)	11.05 (13)	A B C D E F G H	102.4
Fiesta	11.05 (12)	10.83 (20)	10.94 (15)	A B C D E F G H	101.4
SW9720	10.93 (14)	10.83 (21)	10.88 (16)	A B C D E F G H	100.9
58N57	10.51 (21)	11.10 (17)	10.81 (18)	B C D E F G H	100.2
Sedona	10.54 (19)	11.07 (18)	10.80 (19)	B C D E F G H	100.1
CUF 101	10.27 (25)	11.30 (11)	10.79 (20)	B C D E F G H	100.0
Dura765	10.61 (16)	9.92 (29)	10.26 (24)	D E F G H I J	95.1
El Tigre Verde	9.39 (33)	10.95 (19)	10.17 (25)	E F G H I J K	94.3
Magna601	10.02 (28)	10.25 (27)	10.13 (26)	F G H I J K	93.9
Tahoe	10.46 (22)	9.54 (31)	10.00 (27)	G H I J K	92.7
Sutter	9.78 (29)	10.20 (28)	9.99 (28)	G H I J K	92.6
54Q53	10.05 (27)	9.87 (30)	9.96 (29)	G H I J K	92.3
Tango	9.17 (35)	10.69 (22)	9.93 (30)	H I J K	92.0
Aspire	10.26 (26)	9.45 (32)	9.86 (32)	H I J K	91.3
WL325HQ	9.63 (30)	9.11 (33)	9.37 (33)	I J K L	86.8
Dura 512	9.47 (31)	8.79 (34)	9.13 (34)	J K L	84.6
Archer II	9.18 (34)	8.63 (35)	8.91 (35)	K L	82.5
Plumas	8.98 (36)	7.57 (36)	8.27 (36)	L	76.7
Experimental Varieties					
DS187	12.02 (1)	11.61 (7)	11.82 (2)	A B	109.5
DS189	11.08 (11)	12.03 (3)	11.55 (5)	A B C	107.1
CW76098	11.55 (3)	11.11 (15)	11.33 (10)	A B C D E F	105.0
GP99AL2	11.55 (4)	11.10 (16)	11.33 (11)	A B C D E F	105.0
ADF 01-70	10.43 (24)	12.05 (2)	11.24 (12)	A B C D E F G	104.2
DS186	10.61 (15)	11.30 (12)	10.96 (14)	A B C D E F G H	101.6
UN628	10.52 (20)	11.24 (13)	10.88 (17)	A B C D E F G H	100.8
C241	10.56 (18)	10.55 (24)	10.55 (21)	B C D E F G H I	97.8
C316	10.45 (23)	10.63 (23)	10.54 (22)	B C D E F G H I	97.7
OK 49	10.57 (17)	10.48 (25)	10.53 (23)	C D E F G H I	97.6
UN576	9.42 (32)	10.39 (26)	9.90 (31)	H I J K	91.8
Mean	10.54	10.73	10.63		
CV	7.5	10.5	8.7		
LSD (.05)	1.28	1.83	1.28		

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 Fisher's (protected) LSD.