

Table 6. UC DAVIS ALFALFA CULTIVAR TRIAL 2000-2002 YIELDS. TRIAL PLANTED 10/4/99

ENTRY	FD	Dry Tons/Acre				AVERAGE		% OF
	Score	2000	2001	2002	MOAPA 69			
								%
Released Varieties								
DynaGro AL999	9	8.97 (5)	12.35 (1)	11.60 (8)	10.97 (1)	A		113.1
El Tigre Verde	8	8.75 (9)	12.01 (2)	11.89 (4)	10.88 (3)	A B C		112.2
Pershing	8	8.56 (12)	11.49 (5)	11.82 (6)	10.62 (4)	A B C D		109.6
SW 7410	7	8.38 (17)	11.30 (8)	11.57 (10)	10.41 (8)	A B C D E F		107.4
Tulare	8	8.96 (6)	10.80 (14)	10.71 (18)	10.16 (11)	A B C D E F G H		104.7
Dura 843	8	8.00 (30)	10.53 (19)	11.92 (3)	10.15 (12)	A B C D E F G H		104.7
Rio Grande	8	9.40 (1)	10.46 (20)	10.41 (21)	10.09 (14)	A B C D E F G H I		104.0
58N57	8	8.48 (14)	11.00 (12)	10.77 (17)	10.08 (15)	A B C D E F G H I		104.0
57Q77	7	8.28 (19)	10.33 (26)	11.59 (9)	10.06 (16)	A B C D E F G H I		103.8
WL 530HQ (UN 612)	8	9.03 (4)	10.79 (15)	10.24 (25)	10.02 (17)	A B C D E F G H I J		103.4
ADF 98-801	7	8.41 (16)	11.15 (9)	10.31 (24)	9.96 (18)	B C D E F G H I J K		102.7
TruTest (UN 632)	6	8.71 (10)	10.41 (23)	10.32 (23)	9.81 (21)	D E F G H I J K L		101.2
Moapa 69	8	8.09 (25)	10.58 (18)	10.42 (20)	9.70 (24)	D E F G H I J K L		100.0
Achiever	7	8.89 (7)	10.26 (27)	9.91 (29)	9.68 (25)	D E F G H I J K L		99.9
Fiesta (8G519)	8	8.82 (8)	9.84 (33)	9.94 (27)	9.53 (27)	E F G H I J K L M		98.3
Dura 765	7	8.43 (15)	10.03 (30)	9.56 (32)	9.34 (29)	G H I J K L M N		96.3
SW 7403	7	7.61 (39)	10.34 (24)	9.91 (28)	9.29 (30)	H I J K L M N		95.8
Sutter	7	8.16 (22)	9.33 (35)	9.84 (30)	9.11 (32)	I J K L M N O		93.9
CUF 101	9	8.14 (23)	10.06 (29)	8.91 (37)	9.04 (33)	J K L M N O P		93.2
Magna 601	6	7.59 (40)	9.58 (34)	9.73 (31)	8.97 (34)	K L M N O P Q		92.5
Tango (6B99)	6	8.09 (26)	9.23 (36)	8.47 (40)	8.60 (36)	M N O P Q R		88.6
Highline	9	7.65 (37)	9.91 (32)	8.22 (42)	8.60 (37)	M N O P Q R		88.6
54Q53	4	7.49 (44)	9.18 (37)	8.72 (38)	8.47 (38)	N O P Q R S		87.3
Archer	5	7.62 (38)	8.78 (39)	8.93 (36)	8.44 (39)	N O P Q R S		87.1
Magnum V	4	7.33 (46)	8.37 (43)	8.46 (41)	8.06 (42)	P Q R S T		83.1
WL 442	7	7.89 (32)	8.42 (41)	7.84 (45)	8.05 (43)	P Q R S T		83.0
Tahoe	7	7.56 (42)	8.37 (42)	8.08 (43)	8.01 (44)	Q R S T		82.6
Dura 400	4	7.54 (43)	8.12 (44)	8.04 (44)	7.90 (45)	R S T		81.5
Dura 512	5	7.35 (45)	7.93 (46)	7.37 (47)	7.55 (47)	S T U		77.9
Graze King	5	7.33 (47)	7.56 (48)	6.94 (48)	7.28 (48)	T U		75.0
Plumas (3L 102)	4	6.52 (50)	7.54 (49)	6.61 (50)	6.89 (49)	U		71.0
Blazer XL	3	7.14 (48)	6.78 (50)	6.73 (49)	6.88 (50)	U		71.0
Experimental Varieties								
UC-2589		9.06 (3)	11.90 (3)	11.84 (5)	10.94 (2)	A B		112.8
UC-408		8.65 (11)	10.99 (13)	11.98 (2)	10.54 (5)	A B C D		108.7
CW 55067	6	9.10 (2)	11.04 (11)	11.30 (12)	10.48 (6)	A B C D E		108.1
SW 8829	8	8.04 (29)	11.73 (4)	11.51 (11)	10.43 (7)	A B C D E F		107.6
UC-2212		7.58 (41)	11.37 (7)	12.16 (1)	10.37 (9)	A B C D E F		107.0
UC-407		8.55 (13)	11.39 (6)	11.07 (13)	10.34 (10)	A B C D E F G		106.6
CW 78059	8	8.27 (20)	11.05 (10)	10.98 (15)	10.10 (13)	A B C D E F G H I		104.2
CW 67080	7	7.71 (36)	10.34 (25)	11.70 (7)	9.92 (19)	C D E F G H I J K		102.3
UC-406		8.07 (27)	10.68 (16)	10.94 (16)	9.90 (20)	C D E F G H I J K L		102.1
CW 77093	5	8.13 (24)	10.08 (28)	11.06 (14)	9.76 (22)	D E F G H I J K L		100.6
CW 66099	6	8.17 (21)	10.42 (22)	10.53 (19)	9.70 (23)	D E F G H I J K L		100.1
SW 8730	7	8.05 (28)	10.64 (17)	10.35 (22)	9.68 (26)	D E F G H I J K L		99.8
DS 961	5	7.80 (33)	10.42 (21)	10.08 (26)	9.43 (28)	F G H I J K L M N		97.3
DS 973	6	7.95 (31)	9.96 (31)	9.53 (33)	9.15 (31)	I J K L M N O		94.3
DS 9706 HYB	4	8.30 (18)	9.15 (38)	9.28 (34)	8.91 (35)	L M N O P Q		91.9
DS 9707 HYB	4	7.79 (34)	8.04 (45)	8.62 (39)	8.15 (40)	O P Q R S T		84.0
DS 9705 HYB	4	6.53 (49)	8.64 (40)	9.14 (35)	8.10 (41)	P Q R S T		83.5
CW 65039	5	7.76 (35)	7.87 (47)	7.71 (46)	7.78 (46)	R S T U		80.2
MEAN		8.09	9.97	9.91	9.33			
CV		8.60	9.50	10.90	7.60			
LSD (.05)		0.98	1.32	1.51	1.00			

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.