Table 7. UC DAVIS ALFALFA CULTIVAR TRIAL 2000 YIELDS. TRIAL PLANTED 10/4/99

NOTE: ONE-YEAR DATA SHOULD NOT BE USED TO CHOOSE OR EVALUATE ALFALFA CULTIVARS. USING THIS DATA FOR EVALUATION OR ADVERTISING PURPOSES IS A MIS-USE OF UNIVERSITY TRIAL DATA.

NOTE: This trial contains varieties representing a wide range of Fall Dormancy Scores.Fall dormancy score (data provided by company or breeder) may affect persistance or quality. Yield and Fall Dormancy Score should beconsidered when choosing an alfalfa variety

ENTRY	FD Rating	Cut 1 5/1	Cut 2 6/12	Cut 3 7/10	Cut 5 9/11	Cut 6 10/20	Year Total		% of Moapa 69
Released Varieties									
Rio Grande	8	2.43 (01)	2.29 (08)	2.05 (01)	1.41 (22)	1.22 (15)	9.40 (01)	A	116.1
DynaGro AL999	9	1.91 (15)	2.29 (07)	1.92 (05)	1.50 (09)	1.35 (03)	8.97 (05)	A B C D E	110.8
Tulare	8	2.07 (05)	2.21 (14)	1.99 (02)	1.51 (05)	1.17 (23)	8.96 (06)	A B C D E	110.7
Achiever	7	1.97 (11)	2.36 (04)	1.89 (06)	1.34 (29)	1.32 (05)	8.89 (07)	A B C D E F	109.9
Fiesta (8G519)	8	2.25 (02)	2.22 (13)	1.78 (18)	1.46 (16)	1.11 (29)	8.82 (08)	A B C D E F G	109.0
El Tigre Verde	8	1.76 (30)	2.30 (06)	1.83 (13)	1.50 (11)	1.36 (02)	8.75 (09)	A B C D E F G H	108.1
Pershing	8	2.05 (07)	2.22 (12)	1.81 (16)	1.37 (25)	1.12 (27)	8.56 (12)	A B C D E F G H I J K	105.8
58N57	8	1.83 (24)	2.08 (26)	1.71 (27)	1.51 (06)	1.35 (04)	8.48 (14)	A B C D E F G H I J K L M	104.7
Dura 765	7	1.76 (29)	2.27 (09)	1.89 (07)	1.34 (30)	1.17 (24)	8.42 (15)	A B C D E F G H I J K L M N	104.1
ADF 98-801	7	1.89 (16)	2.21 (15)	1.64 (38)	1.48 (14)	1.19 (20)	8.41 (16)	B C D E F G H I J K L M N	103.9
SW 7410	7	1.92 (14)	2.19 (16)	1.74 (21)	1.44 (19)	1.09 (31)	8.38 (17)	B C D E F G H I J K L M N	103.5
57Q77	7	2.00 (08)	2.04 (32)	1.65 (36)	1.50 (12)	1.09 (33)	8.28 (19)	B C D E F G H I J K L M N O	102.3
Sutter	7	1.68 (39)	2.23 (11)	1.88 (08)	1.29 (33)	1.09 (32)	8.16 (22)	B C D E F G H I J K L M N O	100.8
CUF 101	9	1.83 (25)	1.82 (45)	1.69 (29)	1.52 (04)	1.28 (10)	8.14 (23)	B C D E F G H I J K L M N O	100.6
Moapa 69	8	1.69 (36)	2.01 (33)	1.66 (34)	1.46 (17)	1.27 (12)	8.09 (25)	C D E F G H I J K L M N O P	100.0
Tango (6B99)	6	1.79 (26)	2.14 (21)	1.59 (42)	1.35 (28)	1.22 (17)	8.09 (26)	C D E F G H I J K L M N O P	100.0
Dura 843	8	1.85 (21)	1.92 (40)	1.55 (47)	1.48 (15)	1.21 (19)	8.00 (30)	E F G H I J K L M N O P	98.9
WL 442	7	1.68 (37)	2.24 (10)	1.72 (24)	1.24 (38)	1.01 (39)	7.89 (32)	G H I J K L M N O P	97.5
Highline	9	1.66 (42)	1.70 (50)	1.60 (41)	1.50 (08)	1.19 (20)	7.65 (37)	K L M N O P	94.6
Archer	5	1.63 (45)	2.09 (24)	1.68 (33)	1.17 (42)	1.04 (36)	7.62 (38)	K L M N O P	94.1
SW 7403	7	1.65 (44)	1.85 (42)	1.70 (28)	1.35 (27)	1.07 (35)	7.61 (39)	K L M N O P	94.0
Magna 601	6	1.67 (41)	1.84 (43)	1.69 (30)	1.28 (34)	1.11 (30)	7.59 (40)	K L M N O P	93.7
Tahoe	7	1.72 (34)	1.73 (49)	1.79 (17)	1.18 (41)	1.14 (26)	7.56 (42)	M N O P	93.4
Dura 400	4	1.73 (33)	1.98 (35)	1.85 (11)	1.15 (43)	0.83 (49)	7.54 (43)	M N O P	93.2
54Q53	4	1.62 (46)	2.18 (18)	1.54 (48)	1.26 (36)	0.90 (43)	7.49 (44)	N O P Q	92.6
Dura 512	5	1.67 (40)	2.15 (20)	1.64 (39)	1.04 (47)	0.85 (48)	7.35 (45)	O P Q	90.8
Magnum V	4	1.69 (35)	2.08 (27)	1.58 (44)	1.11 (44)	0.87 (44)	7.33 (46)	O P Q	90.6
Graze King	5	1.84 (22)	1.86 (41)	1.68 (32)	1.08 (45)	0.86 (46)	7.33 (47)	O P Q	90.6
Blazer XL	3	1.68 (38)	2.05 (31)	1.60 (40)	0.97 (50)	0.86 (47)	7.14 (48)	P Q	88.3
Plumas (3L 102)	4	1.52 (48)	1.78 (46)	1.53 (49)	0.99 (48)	0.70 (50)	6.52 (50)	Q	80.5

Experimental Varieties

CW 55067	6	2.14	(03)	2.42	(02)	1.77	(19)	1.49	(13)	1.28	(11)	9.10	(02)	A B	112.4
UC-2589		2.08	(04)	2.11	(23)	1.86	(10)	1.57	(02)	1.44	(01)	9.06	(03)	A B C	112.0
UN 612	8	1.95	(13)	2.35	(05)	1.93	(04)	1.56	(03)	1.24	(13)	9.03	(04)	A B C D	111.6
UN 632	6	1.96	(12)	2.16	(19)	1.98	(03)	1.32	(31)	1.29	(08)	8.71	(10)	A B C D E F G H I	107.6
UC-408		1.99	(10)	2.19	(17)	1.81	(15)	1.50	(10)	1.17	(24)	8.65	(11)	A B C D E F G H I J	106.9
UC-407		2.05	(06)	1.93	(38)	1.66	(35)	1.60	(01)	1.31	(07)	8.55	(13)	A B C D E F G H I J K L	105.7
DS 9706 HYB	4	1.88	(17)	2.44	(01)	1.73	(22)	1.22	(39)	1.03	(37)	8.30	(18)	B C D E F G H I J K L M N O	102.5
CW 78059	8	1.88	(18)	1.92	(39)	1.68	(31)	1.50	(07)	1.29	(09)	8.27	(20)	B C D E F G H I J K L M N O	102.2
CW 66099	6	1.86	(20)	1.96	(36)	1.81	(14)	1.31	(32)	1.22	(16)	8.17	(21)	B C D E F G H I J K L M N O	101.0
CW 77093	7	1.84	(23)	2.07	(30)	1.65	(37)	1.37	(26)	1.19	(22)	8.12	(24)	B C D E F G H I J K L M N O	100.4
UC-406		1.87	(19)	2.08	(28)	1.73	(23)	1.38	(24)	1.02	(38)	8.07	(27)	D E F G H I J K L M N O P	99.7
SW 8730	8	2.00	(09)	1.84	(44)	1.59	(43)	1.42	(21)	1.21	(18)	8.05	(28)	E F G H I J K L M N O P	99.4
SW 8829	8	1.76	(32)	1.95	(37)	1.57	(45)	1.45	(18)	1.32	(06)	8.04	(29)	E F G H I J K L M N O P	99.4
DS 973	7	1.65	(43)	2.07	(29)	1.87	(09)	1.28	(35)	1.07	(34)	7.95	(31)	F G H I J K L M N O P	98.2
DS 961	6	1.62	(47)	2.12	(22)	1.83	(12)	1.25	(37)	0.97	(40)	7.80	(33)	H I J K L M N O P	96.3
DS 9707 HYB	4	1.79	(28)	2.37	(03)	1.71	(25)	1.05	(46)	0.86	(45)	7.79	(34)	H I J K L M N O P	96.2
CW 65039	5	1.79	(27)	2.09	(25)	1.75	(20)	1.19	(40)	0.93	(42)	7.76	(35)	I J K L M N O P	95.9
CW 67080	7	1.76	(31)	1.75	(47)	1.71	(26)	1.38	(23)	1.12	(28)	7.71	(36)	J K L M N O P	95.3
UC-2212		1.42	(49)	1.99	(34)	1.52	(50)	1.42	(20)	1.24	(14)	7.58	(41)	L M N O P	93.7
DS 9705 HYB	4	1.32	(50)	1.75	(48)	1.55	(46)	0.97	(49)	0.94	(41)	6.52	(49)	Q	80.6
MEAN		1.82		2.08		1.73		1.34		1.12		8.09			
CV		14.00		13.20		13.20		11.20		17.00		8.60			
LSD (.05)		0.36		0.38		NS		0.21		0.27		0.98			

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.
We were not able to take the August cutting because of a harvester breakdown.