

Table 5. UC DAVIS ALFALFA CULTIVAR TRIAL 2002 YIELDS. TRIAL PLANTED 10/4/1999

NOTE: Single year data should not be used to choose or evaluate alfalfa varieties.

ENTRY	FD	Cut 1	Cut 2	Cut 3	Cut 4	Cut 5	Cut 6	Cut 7	YEAR	% OF MOAPA 69
		18-Apr	23-May	20-Jun	18-Jul	15-Aug	12-Sep	8-Oct	TOTAL	
Dry Tons/acre										
Released Varieties										
Dura 843	8	1.67 (19)	1.97 (26)	2.05 (8)	1.92 (6)	1.52 (3)	1.57 (4)	1.22 (1)	11.92 (3) ABC	114.4
El Tigre Verde	8	1.66 (21)	2.14 (11)	2.24 (2)	1.97 (2)	1.36 (10)	1.57 (3)	0.95 (14)	11.89 (4) ABCD	114.1
Pershing	8	1.88 (5)	2.19 (9)	2.15 (4)	1.81 (11)	1.40 (9)	1.41 (9)	0.98 (10)	11.82 (6) ABCDEF	113.4
DynaGro AL999	9	1.72 (16)	2.10 (16)	2.26 (1)	2.11 (1)	1.28 (14)	1.13 (26)	0.99 (9)	11.60 (8) ABCDEFG	111.3
57Q77	7	1.79 (8)	2.16 (10)	1.97 (12)	1.85 (8)	1.42 (7)	1.44 (8)	0.95 (13)	11.59 (9) ABCDEFGH	111.2
SW 7410	7	1.74 (14)	2.33 (1)	2.02 (9)	1.85 (10)	1.40 (8)	1.28 (20)	0.96 (12)	11.57 (10) ABCDEFGH	111.0
58N57	8	1.76 (10)	2.06 (17)	1.90 (19)	1.59 (25)	1.23 (18)	1.30 (18)	0.91 (16)	10.77 (17) ABCDEFGHIJKLM	103.3
Tulare	8	1.70 (18)	2.32 (2)	1.86 (24)	1.53 (30)	1.34 (11)	1.15 (25)	0.81 (27)	10.71 (18) ABCDEFGHIJKLM	102.8
Moapa 69	8	1.56 (31)	1.99 (24)	1.81 (28)	1.63 (21)	1.16 (22)	1.33 (15)	0.93 (15)	10.42 (20) CDEFGHIJKLMNO	100.0
Rio Grande	8	1.79 (9)	2.28 (3)	1.82 (27)	1.66 (18)	1.00 (30)	1.04 (37)	0.82 (24)	10.41 (21) DEFGHIJKLMNOP	99.9
TruTest (UN 632)	6	2.02 (1)	2.22 (5)	1.95 (14)	1.28 (37)	0.94 (33)	1.11 (28)	0.80 (32)	10.32 (23) FGHJKLMNOP	99.1
ADF 98-801	7	1.62 (24)	2.05 (19)	1.87 (22)	1.67 (17)	1.27 (15)	0.97 (42)	0.86 (19)	10.31 (24) GHIJKLMNOP	98.9
WL 530HQ (UN 612)	8	1.80 (7)	2.05 (18)	1.87 (21)	1.66 (19)	1.00 (31)	1.02 (38)	0.84 (21)	10.24 (25) GHIJKLMNOP	98.3
Fiesta (8G519)	8	1.76 (12)	1.95 (28)	1.72 (32)	1.50 (32)	0.85 (41)	1.34 (12)	0.82 (26)	9.94 (27) IJKLMNPOQR	95.4
SW 7403	7	1.56 (30)	1.82 (37)	1.71 (33)	1.61 (23)	1.15 (23)	1.21 (22)	0.85 (20)	9.91 (28) IJKLMNPOQR	95.1
Achiever	7	1.39 (41)	2.11 (13)	1.88 (20)	1.41 (33)	1.13 (24)	1.19 (23)	0.81 (31)	9.91 (29) IJKLMNPOQR	95.1
Sutter	7	1.37 (42)	1.84 (36)	1.77 (31)	1.62 (22)	1.07 (28)	1.36 (11)	0.81 (29)	9.84 (30) IJKLMNPOQR	94.4
Magna 601	6	1.64 (22)	1.99 (25)	1.77 (30)	1.59 (26)	1.09 (26)	0.91 (46)	0.75 (36)	9.73 (31) JKLMNPOQR	93.4
Dura 765	7	1.52 (33)	1.96 (27)	1.68 (34)	1.57 (28)	0.99 (32)	1.07 (33)	0.77 (34)	9.56 (32) KLMNPOQRS	91.7
Archer	5	1.53 (32)	1.94 (30)	1.61 (37)	1.22 (40)	0.93 (36)	1.06 (35)	0.64 (42)	8.93 (36) OPQRSTUVWXYZ	85.7
CUF 101	9	1.48 (37)	1.58 (47)	1.34 (46)	1.68 (16)	0.93 (35)	1.09 (31)	0.81 (28)	8.91 (37) PQRSTUVWXYZ	85.5
54Q53	4	1.58 (28)	1.70 (45)	1.51 (38)	1.25 (38)	0.87 (37)	1.09 (32)	0.72 (37)	8.72 (38) QRSTUVW	83.7
Tango (6B99)	6	1.51 (34)	1.79 (39)	1.45 (42)	1.24 (39)	0.87 (38)	0.92 (45)	0.67 (40)	8.47 (40) RSTUVW	81.2
Magnum V	4	1.60 (26)	1.86 (35)	1.39 (44)	1.16 (43)	0.86 (40)	0.99 (39)	0.61 (44)	8.46 (41) RSTUVW	81.2
Highline	9	1.15 (48)	1.36 (50)	1.49 (39)	1.40 (34)	1.07 (27)	0.97 (43)	0.78 (33)	8.22 (42) STUVWXY	78.9
Tahoe	7	1.32 (43)	1.76 (41)	1.47 (40)	1.06 (45)	0.69 (44)	0.98 (41)	0.81 (30)	8.08 (43) STUVWXY	77.6
Dura 400	4	1.47 (38)	1.81 (38)	1.46 (41)	0.95 (48)	0.66 (46)	1.11 (29)	0.58 (46)	8.04 (44) TUVWXY	77.2
WL 442	7	1.27 (44)	1.58 (46)	1.43 (43)	1.18 (42)	0.93 (34)	0.76 (50)	0.68 (39)	7.84 (45) UVWXY	75.2
Dura 512	5	1.17 (47)	1.72 (44)	1.27 (47)	0.99 (47)	0.66 (45)	0.98 (40)	0.59 (45)	7.37 (47) WXY	70.7
Graze King	2	1.50 (35)	1.72 (43)	1.13 (49)	0.83 (50)	0.51 (49)	0.77 (49)	0.47 (50)	6.94 (48) XY	66.6
Blazer XL	3	1.09 (49)	1.37 (49)	1.19 (48)	0.93 (49)	0.61 (48)	1.04 (36)	0.50 (49)	6.73 (49) XY	64.6
Plumas (3L 102)	4	1.09 (50)	1.46 (48)	1.12 (50)	1.09 (44)	0.49 (50)	0.83 (48)	0.52 (48)	6.61 (50) Y	63.4
Experimental Varieties										
UC-2212		1.59 (27)	2.24 (4)	2.15 (5)	1.95 (5)	1.50 (4)	1.60 (2)	1.13 (3)	12.16 (1) A	116.7
UC-408		1.61 (25)	2.00 (23)	1.97 (13)	1.95 (3)	1.66 (1)	1.72 (1)	1.08 (4)	11.98 (2) AB	115.0
UC-2589		1.88 (4)	2.02 (21)	2.07 (7)	1.95 (4)	1.45 (6)	1.34 (13)	1.14 (2)	11.84 (5) ABCDE	113.7
CW 67080	7	1.88 (3)	2.13 (12)	2.17 (3)	1.89 (7)	1.32 (12)	1.33 (16)	0.98 (11)	11.70 (7) ABCDEFG	112.2
SW 8829	8	1.76 (11)	2.02 (22)	2.01 (10)	1.85 (9)	1.52 (2)	1.30 (19)	1.06 (5)	11.51 (11) ABCDEFGH	110.5
CW 55067	6	1.82 (6)	2.21 (7)	2.07 (6)	1.60 (24)	1.26 (16)	1.44 (7)	0.89 (17)	11.30 (12) ABCDEFGHI	108.4
UC-407		1.73 (15)	1.89 (33)	1.92 (17)	1.69 (15)	1.30 (13)	1.51 (5)	1.02 (7)	11.07 (13) ABCDEFGHIJ	106.3
CW 77093	5	1.89 (2)	2.22 (6)	1.93 (15)	1.78 (12)	1.25 (17)	1.17 (24)	0.83 (23)	11.06 (14) ABCDEFGHIJK	106.2
CW 78059	8	1.62 (23)	2.20 (8)	1.92 (16)	1.65 (20)	1.17 (20)	1.36 (10)	1.06 (6)	10.98 (15) ABCDEFGHIJKL	105.4
UC-406		1.47 (39)	1.89 (34)	1.90 (18)	1.76 (13)	1.48 (5)	1.46 (6)	0.99 (8)	10.94 (16) ABCDEFGHIJKL	105.0
CW 66099	6	1.70 (17)	1.94 (29)	2.00 (11)	1.52 (31)	1.17 (21)	1.31 (17)	0.88 (18)	10.53 (19) BCDEFGHIJKLMN	101.0
SW 8730	8	1.74 (13)	1.79 (40)	1.83 (26)	1.71 (14)	1.11 (25)	1.34 (14)	0.83 (22)	10.35 (22) EFGHIJKLMNOP	99.3
DS 961	6	1.48 (36)	2.11 (15)	1.86 (23)	1.56 (29)	1.04 (29)	1.26 (21)	0.75 (35)	10.08 (26) HIJKLMNPOQ	96.8
DS 973	7	1.26 (46)	1.93 (32)	1.83 (25)	1.57 (27)	1.21 (19)	0.90 (47)	0.82 (25)	9.53 (33) LMNOPQRST	91.5
DS 9706 HYB	4	1.57 (29)	2.04 (20)	1.78 (29)	1.29 (36)	0.85 (42)	1.07 (34)	0.69 (38)	9.28 (34) MNOPQRSTU	89.1
DS 9705 HYB	4	1.67 (20)	1.93 (31)	1.62 (35)	1.29 (35)	0.87 (39)	1.10 (30)	0.65 (41)	9.14 (35) NOPQRSTUV	87.7
DS 9707 HYB	4	1.39 (40)	2.11 (14)	1.62 (36)	1.20 (41)	0.65 (47)	1.11 (27)	0.54 (47)	8.62 (39) QRSTUVW	82.7
CW 65039	5	1.27 (45)	1.74 (42)	1.35 (45)	1.05 (46)	0.74 (43)	0.96 (44)	0.61 (43)	7.71 (46) VWXY	74.0
MEAN		1.58	1.95	1.76	1.52	1.09	1.18	0.82	9.91	
CV		20.20	13.20	14.00	15.20	22.70	21.50	16.70	10.90	
LSD (.05)		0.45	0.36	0.34	0.32	0.35	0.36	0.19	1.51	

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.

