

Table 8. UC KEARNEY ALFALFA CULTIVAR TRIAL 2002 YIELDS. TRIAL PLANTED 9/16/99

Note: SINGLE YEAR DATA SHOULD NOT BE USED TO CHOOSE OR EVALUATE ALFALFA CULTIVARS.

ENTRY	Cut 1	Cut 2	Cut 3	Cut 4	Cut 5	Cut 6	Cut 7	YEAR	% OF
	10-Apr	13-May	10-Jun	8-Jul	5-Aug	3-Sep	1-Oct	TOTAL	CUF 101
	Dry tons/acre								%
Released Varieties									
WL 625 HQ	1.74 (1)	2.24 (2)	2.24 (2)	1.87 (1)	1.89 (3)	1.32 (1)	1.07 (3)	12.37 (2) A	125.0
SW 8718	1.50 (32)	2.23 (3)	2.23 (3)	1.78 (4)	2.06 (1)	1.24 (4)	1.12 (2)	12.15 (3) A B	122.8
Mecca II	1.57 (15)	2.15 (10)	2.11 (12)	1.73 (6)	1.84 (6)	1.20 (8)	0.94 (8)	11.53 (5) A B C D	116.5
DynaGro AL999	1.60 (8)	1.97 (25)	2.18 (7)	1.71 (7)	1.76 (10)	1.14 (16)	0.99 (6)	11.36 (8) B C D E F	114.8
Dura 843	1.52 (27)	2.01 (21)	2.05 (16)	1.74 (5)	1.80 (7)	1.22 (5)	0.93 (9)	11.27 (9) B C D E F G	113.9
Pershing	1.72 (4)	2.08 (15)	2.20 (5)	1.52 (20)	1.56 (29)	1.09 (27)	0.80 (26)	10.98 (12) C D E F G H I J	111.0
57Q77	1.59 (9)	2.22 (6)	2.20 (6)	1.42 (31)	1.57 (25)	1.10 (22)	0.81 (24)	10.93 (13) C D E F G H I J	110.5
Ameristand 802 (ZX9886)	1.49 (34)	1.99 (22)	2.05 (15)	1.57 (14)	1.75 (11)	1.14 (17)	0.91 (10)	10.92 (14) C D E F G H I J	110.3
Magna 901	1.57 (32)	1.97 (24)	2.07 (14)	1.49 (22)	1.64 (19)	1.11 (21)	0.90 (14)	10.74 (18) D E F G H I J K L M	108.6
SW 9500	1.59 (10)	2.09 (14)	2.00 (20)	1.46 (24)	1.61 (23)	1.17 (13)	0.80 (28)	10.72 (19) D E F G H I J K L M	108.3
El Tigre Verde	1.56 (16)	2.18 (8)	1.98 (24)	1.55 (16)	1.61 (22)	1.00 (40)	0.80 (27)	10.69 (20) D E F G H I J K L M	108.0
WestStar	1.72 (2)	1.94 (28)	1.98 (23)	1.43 (30)	1.52 (37)	1.04 (33)	0.77 (32)	10.41 (25) G H I J K L M N O	105.2
Achiever	1.72 (3)	2.04 (19)	1.67 (42)	1.24 (41)	1.67 (16)	1.15 (15)	0.83 (20)	10.32 (27) I J K L M N O	104.3
SW 9301	1.51 (30)	1.76 (43)	1.87 (32)	1.59 (13)	1.60 (24)	1.08 (28)	0.87 (17)	10.28 (28) I J K L M N O P	103.9
ADF 98-801	1.53 (25)	1.91 (31)	1.98 (22)	1.45 (26)	1.55 (32)	0.98 (42)	0.79 (30)	10.19 (31) I J K L M N O P Q	103.0
Yolo	1.45 (38)	1.83 (37)	1.68 (41)	1.63 (11)	1.77 (9)	1.09 (24)	0.73 (37)	10.18 (32) I J K L M N O P Q	102.9
58N57	1.50 (33)	2.03 (20)	1.97 (26)	1.29 (38)	1.54 (33)	1.03 (35)	0.74 (35)	10.09 (34) J K L M N O P Q	102.0
Falcon	1.54 (23)	1.90 (32)	1.94 (28)	1.36 (34)	1.51 (38)	1.03 (36)	0.73 (39)	10.00 (35) K L M N O P Q	101.1
CUF 101	1.57 (13)	1.73 (44)	1.76 (38)	1.45 (27)	1.51 (39)	1.07 (29)	0.81 (25)	9.89 (36) L M N O P Q	100.0
ADF 99-801	1.40 (43)	1.90 (33)	1.76 (37)	1.29 (37)	1.57 (26)	1.15 (14)	0.82 (23)	9.89 (37) L M N O P Q	99.9
Tulare	1.65 (6)	1.85 (36)	1.79 (36)	1.32 (36)	1.47 (43)	0.96 (43)	0.71 (42)	9.74 (39) N O P Q R	98.5
Magna 8	1.39 (44)	1.88 (34)	1.80 (34)	1.35 (35)	1.53 (36)	1.00 (39)	0.72 (41)	9.66 (40) O P Q R	97.7
Dura 765	1.45 (39)	1.97 (26)	1.80 (35)	1.21 (42)	1.48 (42)	1.10 (23)	0.66 (44)	9.66 (41) O P Q R	97.6
Fiesta (8G519)	1.42 (41)	1.79 (42)	1.56 (44)	1.20 (44)	1.40 (45)	0.94 (44)	0.61 (45)	8.92 (44) R	90.1
Highline	1.40 (42)	1.59 (45)	1.54 (45)	1.18 (45)	1.43 (44)	0.99 (41)	0.72 (40)	8.85 (45) R	89.5
Experimental Varieties									
UC-2212	1.57 (14)	2.28 (1)	2.34 (1)	1.82 (3)	1.94 (2)	1.31 (2)	1.13 (1)	12.40 (1) A	125.3
92-296	1.53 (24)	2.15 (9)	2.15 (8)	1.83 (2)	1.84 (5)	1.20 (7)	1.00 (4)	11.72 (4) A B C	118.4
C 252	1.60 (7)	2.22 (4)	2.09 (13)	1.71 (8)	1.75 (12)	1.20 (6)	0.94 (7)	11.51 (6) A B C D E	116.4
CW 78101	1.54 (22)	2.22 (7)	2.13 (9)	1.64 (9)	1.88 (4)	1.20 (9)	0.90 (13)	11.50 (7) A B C D E	116.3
DS 991	1.54 (20)	2.22 (5)	2.20 (4)	1.63 (10)	1.69 (15)	1.05 (32)	0.91 (11)	11.24 (10) C D E F G H	113.6
CW 68081	1.50 (31)	1.99 (23)	1.99 (21)	1.56 (15)	1.77 (8)	1.25 (3)	1.00 (5)	11.06 (11) C D E F G H I	111.8
PGI 481	1.66 (5)	2.07 (16)	2.04 (18)	1.48 (23)	1.65 (17)	1.12 (19)	0.85 (19)	10.88 (15) C D E F G H I J K	110.0
ZX9889B	1.52 (26)	2.05 (18)	2.12 (11)	1.54 (17)	1.64 (18)	1.18 (11)	0.82 (22)	10.86 (16) C D E F G H I J K	109.8
CW 68092	1.58 (11)	2.14 (11)	1.95 (27)	1.43 (29)	1.69 (14)	1.20 (10)	0.78 (31)	10.77 (17) D E F G H I J K L	108.9
CW 78100	1.54 (21)	2.11 (13)	2.00 (19)	1.41 (33)	1.63 (20)	1.13 (18)	0.82 (21)	10.64 (21) D E F G H I J K L M	107.6
SW 8829	1.55 (18)	1.96 (27)	1.87 (31)	1.50 (21)	1.70 (13)	1.17 (12)	0.88 (15)	10.63 (22) E F G H I J K L M N	107.4
FG 615	1.54 (19)	2.05 (17)	2.13 (10)	1.42 (32)	1.55 (31)	1.05 (31)	0.79 (29)	10.54 (23) F G H I J K L M N O	106.5
UC-402	1.49 (35)	1.82 (39)	2.05 (17)	1.60 (12)	1.56 (30)	1.02 (37)	0.91 (12)	10.44 (24) G H I J K L M N O	105.6
UC-400	1.48 (36)	1.92 (30)	1.97 (25)	1.46 (25)	1.53 (35)	1.11 (20)	0.88 (16)	10.36 (26) H I J K L M N O	104.7
ZL9889A	1.55 (17)	2.13 (12)	1.90 (30)	1.28 (39)	1.56 (28)	1.09 (25)	0.74 (34)	10.25 (29) I J K L M N O P Q	103.6
UC-401	1.51 (28)	1.86 (35)	1.83 (33)	1.44 (28)	1.62 (21)	1.07 (30)	0.87 (18)	10.20 (30) I J K L M N O P Q	103.1
ZX9888	1.44 (40)	1.93 (29)	1.93 (29)	1.54 (19)	1.53 (34)	1.03 (34)	0.74 (36)	10.15 (33) J K L M N O P Q	102.6
C 345	1.38 (45)	1.82 (41)	1.74 (39)	1.54 (18)	1.56 (27)	1.09 (26)	0.75 (33)	9.87 (38) M N O P Q	99.7
FG 206	1.51 (29)	1.82 (40)	1.70 (40)	1.26 (40)	1.50 (40)	0.92 (45)	0.70 (43)	9.41 (42) P Q R	95.1
SW 8730	1.46 (37)	1.83 (38)	1.65 (43)	1.21 (43)	1.50 (41)	1.01 (38)	0.73 (38)	9.37 (43) Q R	94.7
MEAN	1.54	2.00	1.96	1.49	1.64	1.11	0.84	10.57	
CV	9.80	9.90	10.30	11.60	11.00	10.00	13.00	6.10	
LSD (.05)	NS	0.28	0.28	0.24	0.25	0.15	0.15	0.9	

Trial seeded at 25 lb/acre viable seed on Hanford fine sandy loam soil at the Univ. of Calif. Kearney Agricultural Center, Parlier, CA.

Entries followed by the same letter are not significantly different at the 5 % probability level according to Fishers (protected) LSD.