

**TABLE 7. 2006 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 3/15/05**

Note: Single year data should not be used to evaluate alfalfa varieties or choose alfalfa cultivars

		Cut 1	Cut 2	Cut 3	Cut 4	Cut 5	Cut 6	Cut 7	YEAR		% of
	FD	1-May	30-May	29-Jun	25-Jul	24-Aug	22-Sep	26-Oct	TOTAL		CUF101
		Dry t/a									%
<b>Released Varieties</b>											
Magna995	9	3.0 ( 7)	2.7 ( 1)	2.6 ( 1)	2.3 ( 5)	2.0 ( 2)	1.6 ( 6)	1.5 ( 8)	15.5 ( 1)	A	121.2
DesertSun 8.10RR(RR04BD-406)	8.4	2.7 (26)	2.5 (10)	2.6 ( 2)	2.4 ( 1)	1.9 ( 4)	1.6 ( 5)	1.4 (11)	15.1 ( 3)	ABC	117.8
CW801	8	3.0 ( 5)	2.6 ( 3)	2.5 ( 5)	2.2 ( 9)	1.8 (15)	1.5 (15)	1.4 (12)	15.1 ( 4)	ABC	117.7
WL625HQ	9.2	2.8 (21)	2.4 (21)	2.5 (10)	2.3 ( 4)	1.8 (17)	1.7 ( 1)	1.6 ( 2)	15.0 ( 5)	ABC	117.3
Integra 8900(FG91T403)	9	2.7 (33)	2.5 ( 4)	2.4 (13)	2.2 ( 7)	1.9 ( 8)	1.6 ( 2)	1.5 ( 3)	14.9 ( 7)	ABCD	116.5
Magna788	8	3.2 ( 1)	2.4 (16)	2.5 ( 6)	2.1 (18)	1.8 (11)	1.5 (21)	1.3 (22)	14.9 ( 8)	ABCDE	116.1
Meccall	9	2.7 (25)	2.4 (23)	2.5 ( 7)	2.2 ( 8)	1.8 (19)	1.6 (10)	1.5 ( 4)	14.7 (10)	ABCDE	114.8
WL525 HQ	8	2.6 (38)	2.4 (32)	2.3 (27)	2.1 (13)	1.9 ( 7)	1.6 ( 9)	1.4 (13)	14.2 (19)	CDEFGHIJ	111.2
Croplan843	8	2.5 (40)	2.3 (38)	2.3 (25)	2.2 (10)	1.8 (14)	1.6 (10)	1.4 (13)	14.2 (20)	CDEFGHIJK	110.8
58N57	9	2.8 (20)	2.5 (14)	2.4 (21)	2.1 (24)	1.7 (30)	1.5 (20)	1.3 (34)	14.1 (21)	CDEFGHIJKL	110.5
YOSEMITE	8	2.9 (10)	2.4 (25)	2.4 (23)	1.9 (37)	1.7 (33)	1.4 (30)	1.4 (15)	14.1 (22)	CDEFGHIJKL	110.5
CG9	9	2.7 (32)	2.3 (43)	2.4 (15)	2.1 (25)	1.8 (20)	1.5 (23)	1.3 (21)	14.1 (23)	CDEFGHIJKLM	109.9
GrandSlam(FG82M204)	8	2.9 ( 9)	2.4 (22)	2.4 (20)	1.9 (41)	1.7 (24)	1.4 (43)	1.3 (32)	14.1 (25)	CDEFGHIJKLM	109.8
Saltana(SW9332)	9	2.5 (41)	2.3 (35)	2.2 (45)	2.1 (19)	1.9 ( 5)	1.6 ( 4)	1.5 ( 7)	14.0 (26)	CDEFGHIJKLM	109.7
Pacifico	8	2.8 (23)	2.4 (24)	2.2 (37)	2.0 (33)	1.8 (22)	1.5 (17)	1.4 (19)	14.0 (27)	CDEFGHIJKLMN	109.5
WL535HQ	8.2	2.5 (44)	2.3 (48)	2.3 (26)	2.1 (15)	1.9 ( 6)	1.5 (12)	1.4 (16)	14.0 (28)	CDEFGHIJKLMN	109.2
RR04BD-454	9	2.8 (24)	2.4 (17)	2.3 (29)	2.0 (28)	1.7 (29)	1.4 (32)	1.2 (43)	13.9 (29)	DEFGHIJKLMNO	108.6
Integra 8801R(RR04BD-407)	7.8	2.7 (29)	2.5 (11)	2.2 (39)	2.1 (27)	1.7 (31)	1.5 (29)	1.3 (28)	13.9 (30)	DEFGHIJKLMNOP	108.5
Pershing	8	2.8 (14)	2.4 (27)	2.4 (16)	2.0 (29)	1.6 (44)	1.4 (37)	1.2 (44)	13.9 (31)	DEFGHIJKLMNOP	108.4
Impalo	9	2.7 (34)	2.3 (45)	2.3 (28)	2.1 (23)	1.7 (28)	1.4 (33)	1.3 (23)	13.8 (33)	DEFGHIJKLMNOP	107.7
AmeriStand 855TRR(RR04BD-408)	8.5	2.8 (22)	2.3 (39)	2.2 (42)	1.9 (39)	1.6 (48)	1.4 (34)	1.3 (24)	13.5 (35)	GHIJKLMNOPO	105.8
AmeriStand 815TRR(RR04BD-409)	7.4	2.8 (16)	2.4 (20)	2.2 (43)	1.9 (46)	1.6 (50)	1.4 (40)	1.2 (41)	13.5 (37)	HIJKLMNOPOQ	105.3
ArtesianSunrise	7	2.8 (17)	2.3 (44)	2.2 (36)	2.0 (32)	1.6 (49)	1.3 (47)	1.1 (47)	13.3 (39)	IJKLMNOPO	104.1
Alfagraze 600RR(RR04BD-401)	6.4	2.4 (51)	2.3 (46)	2.2 (38)	2.0 (35)	1.7 (34)	1.4 (30)	1.2 (42)	13.2 (41)	JKLMNOPQR	102.9
57Q75	7	2.5 (42)	2.2 (49)	2.2 (35)	1.9 (42)	1.6 (47)	1.4 (44)	1.1 (46)	13.0 (44)	MNOPQR	101.5
Conquistador	8	2.4 (46)	2.4 (26)	2.1 (49)	1.9 (45)	1.6 (45)	1.4 (45)	1.2 (38)	13.0 (45)	MNOPQR	101.3
DK180ML	8	3.0 ( 6)	2.4 (32)	2.1 (48)	1.7 (53)	1.5 (52)	1.2 (51)	1.0 (50)	12.9 (46)	NOPQR	101.1
WL711	10	2.2 (54)	2.2 (50)	1.9 (53)	1.8 (47)	1.6 (40)	1.6 ( 7)	1.6 ( 1)	12.9 (47)	NOPQR	100.9
Amerileaf 721	7	2.9 (12)	2.4 (29)	2.1 (51)	1.8 (51)	1.5 (51)	1.2 (52)	1.0 (49)	12.8 (49)	OPQR	100.0
CUF101	9	2.4 (52)	2.1 (54)	2.1 (46)	1.9 (43)	1.6 (42)	1.4 (38)	1.3 (27)	12.8 (50)	PQR	100.0
59N49	9	2.5 (43)	2.2 (53)	2.1 (50)	1.8 (48)	1.6 (38)	1.3 (46)	1.3 (34)	12.8 (51)	PQR	100.0
56S82	6	2.4 (49)	2.3 (47)	2.1 (47)	1.7 (52)	1.4 (53)	1.2 (53)	1.0 (51)	12.2 (53)	RS	95.5
Transition 6.10RR(RR04BD-487)	6.1	2.5 (45)	2.2 (51)	1.9 (54)	1.6 (54)	1.3 (54)	1.1 (54)	1.0 (53)	11.5 (54)	S	89.7
<b>Experimental Varieties</b>											
CW048065	8	3.1 ( 2)	2.5 ( 9)	2.5 ( 4)	2.3 ( 2)	1.9 ( 3)	1.6 ( 8)	1.4 ( 9)	15.4 ( 2)	AB	120.2
X59N59	9	3.1 ( 4)	2.6 ( 2)	2.5 ( 8)	2.1 (16)	1.8 (16)	1.5 (19)	1.4 (18)	15.0 ( 6)	ABCD	116.9
ADF01-701	7	2.7 (28)	2.5 (12)	2.5 ( 3)	2.3 ( 3)	1.9 (10)	1.5 (16)	1.4 (17)	14.8 ( 9)	ABCDE	115.5
DS385	8	2.9 (11)	2.5 ( 7)	2.4 (12)	2.2 (12)	1.8 (13)	1.5 (14)	1.3 (25)	14.7 (11)	ABCDEF	114.5
DS399	9	3.1 ( 3)	2.5 ( 5)	2.4 (18)	2.1 (17)	1.7 (25)	1.5 (18)	1.2 (36)	14.7 (12)	ABCDEF	114.5
DS382	8	2.8 (19)	2.5 (13)	2.5 ( 8)	2.2 ( 6)	1.8 (11)	1.5 (25)	1.4 (20)	14.6 (13)	ABCDEF	114.3
FG101T407	10	2.8 (18)	2.3 (40)	2.4 (11)	2.1 (21)	1.9 ( 9)	1.5 (13)	1.5 ( 6)	14.6 (14)	ABCDEF	113.8
AA202W	8+	2.9 (13)	2.4 (29)	2.4 (14)	2.1 (22)	1.7 (27)	1.5 (22)	1.4 (10)	14.4 (15)	BCDEFGHI	112.2
Y58N88	8	2.8 (15)	2.5 ( 8)	2.4 (24)	2.2 (11)	1.8 (21)	1.4 (35)	1.2 (40)	14.3 (16)	BCDEFGHI	112.0
SW9434	9	2.4 (48)	2.4 (34)	2.3 (30)	2.1 (14)	2.0 ( 1)	1.6 ( 3)	1.5 ( 5)	14.3 (17)	BCDEFGHI	112.0
DS381	8	2.9 ( 8)	2.5 (15)	2.4 (22)	2.1 (26)	1.8 (23)	1.5 (27)	1.2 (37)	14.3 (18)	CDEFGHI	111.6
CW048069	8	2.7 (31)	2.4 (18)	2.4 (17)	2.1 (20)	1.7 (32)	1.5 (26)	1.3 (29)	14.1 (24)	CDEFGHIJKLM	109.9
FG91M401	9	2.6 (35)	2.5 ( 6)	2.4 (19)	1.9 (40)	1.7 (36)	1.4 (36)	1.2 (38)	13.8 (32)	DEFGHIJKLMNO	107.7
RR04BD-436	8.7	2.6 (37)	2.4 (28)	2.2 (34)	1.9 (36)	1.7 (26)	1.4 (39)	1.3 (31)	13.6 (34)	FGHIJKLMNOPO	106.2
DS384	8	2.6 (36)	2.3 (37)	2.3 (31)	2.0 (31)	1.6 (37)	1.5 (28)	1.2 (45)	13.5 (36)	HIJKLMNOPO	105.4
AA203W	8	2.4 (47)	2.3 (36)	2.3 (32)	1.9 (38)	1.8 (18)	1.4 (41)	1.3 (29)	13.5 (38)	IJKLMNOPO	105.2
RR04BD-474	8.3	2.4 (50)	2.3 (41)	2.2 (33)	2.0 (34)	1.6 (39)	1.5 (24)	1.3 (33)	13.3 (40)	IJKLMNOPOQR	103.8
DS383	8	2.7 (27)	2.4 (31)	2.2 (40)	1.9 (44)	1.6 (41)	1.3 (49)	1.1 (48)	13.1 (42)	KLMNOPOQR	102.2
RR04BD-435	8.6	2.3 (53)	2.3 (42)	2.2 (41)	2.0 (30)	1.6 (46)	1.4 (42)	1.3 (26)	13.1 (43)	LMNOPOQR	102.1
AA201W	8	2.5 (39)	2.4 (19)	2.2 (44)	1.8 (49)	1.7 (35)	1.3 (48)	1.0 (54)	12.9 (48)	OPQR	100.4
AA200W	8	2.7 (30)	2.2 (52)	2.0 (52)	1.8 (50)	1.6 (43)	1.3 (50)	1.0 (52)	12.6 (52)	QR	98.4
MEAN		2.71	2.38	2.30	2.03	1.72	1.45	1.29	13.88		
CV		12.5	7.1	7.9	8.0	9.6	7.7	11.2	6.7		
LSD (0.1)		0.40	0.20	0.22	0.19	0.20	0.13	0.17	1.10		

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 10% probability level according to Fisher's (protected) LSD.

FD = Fall Dormancy reported by seed companies.