

TABLE 8. 2007 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

	FD	Cut 1	Cut 2	Cut 3	Cut 4	Cut 5	Cut 6	Cut 7	Cut 8	YEAR	% of CUF101	
		4-Apr	2-May	30-May	20-Jun	18-Jul	22-Aug	19-Sep	31-Oct	TOTAL		
Released Varieties												
WL625HQ	9.2	1.8 (27)	1.7 (3)	2.1 (1)	1.6 (2)	2.0 (1)	2.3 (1)	1.7 (1)	1.4 (1)	14.4 (1)	A	128.5
DesertSun 8.10RR	8.4	2.0 (5)	1.7 (6)	2.0 (2)	1.5 (7)	1.8 (5)	2.2 (2)	1.6 (4)	1.3 (3)	14.03 (2)	AB	125.1
Croplan843	8	1.9 (12)	1.7 (5)	2.0 (3)	1.6 (1)	1.8 (3)	2.2 (7)	1.5 (16)	1.2 (15)	13.79 (4)	ABCD	122.9
WL525 HQ	8	1.8 (29)	1.5 (27)	1.9 (6)	1.5 (8)	1.9 (2)	2.2 (3)	1.6 (2)	1.4 (2)	13.76 (5)	ABCDE	122.6
Magna995	9	2.0 (1)	1.7 (1)	1.9 (5)	1.6 (4)	1.8 (6)	2.1 (15)	1.5 (19)	1.2 (7)	13.74 (6)	ABCDEF	122.5
Integra 8900	9	1.8 (17)	1.7 (4)	1.8 (9)	1.5 (5)	1.7 (7)	2.2 (5)	1.6 (5)	1.2 (9)	13.59 (7)	ABCDEFG	121.1
58N57	9	1.8 (19)	1.7 (8)	1.9 (4)	1.3 (29)	1.7 (10)	2.2 (4)	1.5 (6)	1.2 (5)	13.40 (8)	ABCDEFGH	119.4
Sultana (SW9332)	9	1.7 (40)	1.6 (13)	1.9 (8)	1.5 (6)	1.7 (9)	2.1 (11)	1.5 (12)	1.2 (10)	13.21 (9)	BCDEFGHI	117.7
Meccall	9	1.8 (20)	1.7 (9)	1.8 (13)	1.4 (10)	1.6 (11)	2.1 (8)	1.5 (9)	1.2 (16)	13.18 (10)	BCDEFGHIJ	117.5
WL535HQ	8.2	1.8 (32)	1.6 (12)	1.8 (10)	1.4 (11)	1.7 (8)	2.1 (19)	1.5 (13)	1.1 (21)	13.08 (11)	BCDEFGHIJK	116.6
CG9	9	1.9 (8)	1.6 (14)	1.8 (18)	1.4 (12)	1.6 (16)	2.1 (12)	1.4 (23)	1.1 (20)	13.03 (12)	BCDEFGHIJK	116.2
CW801	8	1.9 (10)	1.7 (7)	1.7 (23)	1.4 (13)	1.6 (20)	2.1 (16)	1.5 (8)	1.1 (29)	13.03 (14)	BCDEFGHIJK	116.1
Pacifico	8	1.8 (34)	1.6 (16)	1.8 (14)	1.4 (15)	1.6 (13)	2.1 (17)	1.4 (31)	1.1 (25)	12.81 (16)	DEFGHIJKL	114.1
Integra 8801R	7.8	1.8 (24)	1.4 (40)	1.8 (15)	1.4 (24)	1.6 (17)	2.0 (24)	1.5 (20)	1.2 (8)	12.72 (17)	EF GHI JKLM	113.4
Magna788	7	1.9 (11)	1.6 (10)	1.7 (20)	1.4 (22)	1.6 (26)	2.0 (33)	1.4 (21)	1.1 (34)	12.70 (19)	F GHI JKLM	113.2
GrandSlam	8	1.8 (25)	1.6 (20)	1.7 (34)	1.4 (16)	1.5 (40)	2.0 (38)	1.4 (26)	1.1 (17)	12.45 (30)	H I JKLMNO	111.0
YOSEMITE	8	1.8 (18)	1.6 (21)	1.7 (35)	1.3 (25)	1.5 (29)	2.0 (36)	1.4 (38)	1.1 (33)	12.40 (31)	H I JKLMNO	110.5
Pershing	8	1.7 (43)	1.6 (19)	1.8 (17)	1.3 (27)	1.6 (22)	1.9 (42)	1.4 (36)	1.1 (39)	12.39 (32)	H I JKLMNO	110.4
Alfagrade 600RR	6.4	1.7 (39)	1.4 (47)	1.7 (32)	1.2 (45)	1.6 (12)	2.2 (6)	1.5 (11)	1.1 (42)	12.35 (33)	I JKLMNO	110.1
AmeriStand 855TRR	8.5	1.7 (38)	1.4 (45)	1.7 (31)	1.3 (41)	1.5 (37)	2.0 (37)	1.4 (24)	1.2 (11)	12.14 (36)	J KLMNOPQR	108.2
57Q75	7	1.8 (15)	1.5 (29)	1.6 (44)	1.3 (40)	1.5 (39)	2.0 (31)	1.4 (32)	1.0 (47)	12.09 (38)	KLMNOPQRS	107.8
AmeriStand 815TRR	7.4	1.8 (30)	1.4 (39)	1.6 (39)	1.3 (43)	1.5 (41)	2.0 (39)	1.4 (30)	1.1 (27)	12.07 (39)	KLMNOPQRS	107.6
Conquistador	8	1.8 (31)	1.5 (31)	1.6 (40)	1.3 (39)	1.5 (42)	1.9 (46)	1.3 (47)	1.1 (41)	11.80 (42)	LMNOPQRS	105.2
WL711	10	1.4 (54)	1.2 (53)	1.6 (45)	1.3 (25)	1.5 (31)	2.0 (29)	1.5 (14)	1.2 (12)	11.72 (43)	MNOPQRS	104.4
ArtesianSunrise	7	1.8 (28)	1.4 (44)	1.5 (49)	1.2 (50)	1.4 (48)	1.9 (43)	1.3 (46)	1.0 (48)	11.46 (44)	NOPQRST	102.2
Impalo	9	1.6 (51)	1.4 (42)	1.6 (42)	1.3 (38)	1.4 (50)	1.8 (53)	1.3 (49)	1.0 (44)	11.30 (46)	PQRST	100.8
CUF101	9	1.5 (53)	1.3 (52)	1.6 (41)	1.2 (44)	1.4 (45)	1.8 (52)	1.3 (48)	1.1 (40)	11.22 (47)	QRST	100.0
59N49	9	1.6 (48)	1.4 (42)	1.5 (51)	1.2 (47)	1.3 (52)	1.8 (54)	1.3 (43)	1.1 (38)	11.22 (48)	QRST	100.0
AmeriLeaf 721	7	1.7 (41)	1.3 (50)	1.5 (50)	1.1 (53)	1.4 (44)	1.9 (44)	1.3 (50)	1.0 (46)	11.20 (49)	QRST	99.8
DK180ML	8	1.7 (45)	1.4 (48)	1.5 (46)	1.2 (46)	1.4 (49)	1.9 (47)	1.2 (54)	0.9 (52)	11.14 (50)	RST	99.3
56S82	6	1.7 (44)	1.4 (41)	1.5 (48)	1.2 (49)	1.4 (43)	1.8 (49)	1.2 (53)	0.8 (54)	11.07 (52)	ST	98.7
Transition 6.10RR	6.1	1.6 (50)	1.2 (54)	1.4 (53)	1.1 (54)	1.3 (53)	1.8 (50)	1.2 (52)	0.9 (53)	10.49 (54)	T	93.5
Experimental Varieties												
CW048065	8	2.0 (2)	1.7 (2)	1.9 (7)	1.6 (3)	1.8 (4)	2.1 (18)	1.6 (3)	1.3 (4)	13.89 (3)	ABC	123.8
SW9434	9	1.7 (36)	1.6 (22)	1.8 (11)	1.5 (9)	1.6 (18)	2.1 (13)	1.5 (10)	1.2 (6)	13.03 (13)	BCDEFGHIJK	116.2
CW048069	8	1.9 (9)	1.6 (23)	1.7 (22)	1.4 (20)	1.6 (14)	2.1 (10)	1.4 (25)	1.1 (26)	12.90 (15)	CDEFGHIJK	115.0
FG101T407	10	1.7 (35)	1.6 (15)	1.7 (21)	1.4 (14)	1.6 (24)	2.0 (27)	1.5 (17)	1.1 (18)	12.72 (18)	DEFGHIJKLM	113.3
RR04BD-474	8.3	1.6 (49)	1.5 (35)	1.8 (19)	1.4 (18)	1.6 (19)	2.1 (9)	1.5 (7)	1.2 (13)	12.69 (20)	F GHI JKLM	113.1
DS385	8	1.8 (21)	1.6 (17)	1.7 (25)	1.4 (19)	1.6 (26)	2.0 (21)	1.4 (27)	1.1 (32)	12.64 (21)	GHI JKLM	112.7
RRALF8R100	9	1.8 (22)	1.4 (38)	1.8 (12)	1.3 (35)	1.6 (21)	2.1 (13)	1.4 (33)	1.2 (14)	12.63 (22)	GHI JKLM	112.6
DS399	9	2.0 (4)	1.5 (28)	1.7 (24)	1.3 (31)	1.5 (36)	2.0 (22)	1.4 (22)	1.1 (43)	12.59 (23)	GHI JKLM	112.2
X59N59	9	1.9 (6)	1.6 (24)	1.6 (38)	1.3 (36)	1.5 (35)	2.0 (26)	1.5 (18)	1.1 (24)	12.57 (24)	GHI JKLM	112.1
DS381	8	1.9 (7)	1.5 (26)	1.7 (26)	1.4 (22)	1.6 (25)	2.0 (41)	1.4 (28)	1.1 (31)	12.57 (25)	GHI JKLM	112.1
ADF01-701	7	2.0 (3)	1.6 (11)	1.7 (27)	1.3 (32)	1.5 (38)	2.0 (35)	1.4 (37)	1.1 (36)	12.55 (26)	GHI JKLM	111.9
RR04BD-435	8.6	1.6 (52)	1.5 (34)	1.8 (16)	1.4 (17)	1.6 (14)	2.1 (20)	1.4 (29)	1.1 (18)	12.51 (27)	H I JKLMN	111.5
DS382	8	1.9 (13)	1.5 (25)	1.7 (30)	1.3 (41)	1.5 (33)	2.0 (30)	1.5 (15)	1.1 (21)	12.51 (28)	H I JKLMN	111.5
Y58N88	8	1.8 (16)	1.6 (18)	1.6 (36)	1.3 (30)	1.6 (23)	2.0 (25)	1.4 (41)	1.1 (37)	12.46 (29)	H I JKLMNO	111.1
AA202W	8+	1.9 (14)	1.5 (32)	1.6 (37)	1.4 (21)	1.5 (31)	2.0 (34)	1.4 (35)	1.1 (30)	12.35 (34)	I JKLMNOP	110.0
FG91M401	9	1.7 (37)	1.5 (36)	1.7 (33)	1.3 (33)	1.6 (28)	2.0 (31)	1.4 (39)	1.1 (28)	12.19 (35)	I JKLMNOPQ	108.7
WL660RR	8.7	1.6 (46)	1.3 (49)	1.7 (29)	1.3 (28)	1.5 (34)	2.0 (28)	1.4 (34)	1.1 (21)	12.13 (37)	KLMNOPQR	108.1
DS384	8	1.6 (46)	1.5 (30)	1.7 (28)	1.3 (37)	1.5 (30)	2.0 (22)	1.4 (42)	1.0 (45)	12.07 (40)	KLMNOPQRS	107.6
AA203W	8	1.7 (42)	1.4 (37)	1.6 (43)	1.3 (34)	1.4 (46)	2.0 (40)	1.4 (40)	1.1 (34)	11.84 (41)	LMNOPQRS	105.5
DS383	8	1.8 (26)	1.5 (32)	1.5 (47)	1.2 (48)	1.4 (47)	1.8 (51)	1.3 (51)	0.9 (49)	11.43 (45)	OPQRST	101.9
AA200W	8	1.8 (33)	1.4 (46)	1.4 (52)	1.2 (51)	1.3 (54)	1.8 (48)	1.3 (44)	0.9 (51)	11.13 (51)	RST	99.2
AA201W	8	1.8 (23)	1.3 (51)	1.4 (54)	1.1 (52)	1.4 (51)	1.9 (45)	1.3 (45)	0.9 (50)	11.06 (53)	ST	98.6
MEAN		1.77	1.51	1.70	1.34	1.57	2.02	1.42	1.11	12.43		
CV		9.9	8.6	8.3	6.8	9.8	8.2	8.3	8.9	7.1		
LSD (0.1)		0.21	0.15	0.17	0.11	0.18	0.19	0.14	0.12	1.05		

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.