

TABLE 8. 2008 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 9/13/07

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	Cut 8	YEAR		% of
	FD	16-Apr	14-May	11-Jun	9-Jul	6-Aug	3-Sep	3-Oct	29-Oct	TOTAL		CUF101
		Dry t/a										%
Released Varieties												
WL 625HQ	9	2.2 (19)	1.6 (14)	1.7 (26)	1.8 (15)	1.9 (3)	1.5 (5)	1.6 (16)	1.5 (4)	13.8 (4)	ABC	122.2
HybriForce-800	8	2.4 (4)	1.7 (7)	1.9 (3)	1.9 (4)	1.8 (6)	1.3 (29)	1.4 (34)	1.2 (25)	13.8 (5)	ABCD	122.1
AL 999	9	2.1 (29)	1.6 (15)	1.8 (13)	2.0 (1)	1.8 (10)	1.4 (14)	1.5 (30)	1.4 (10)	13.6 (8)	ABCDE	120.1
SP 806	8	2.3 (10)	1.5 (19)	1.8 (7)	1.8 (10)	1.8 (11)	1.4 (15)	1.5 (23)	1.2 (22)	13.5 (10)	ABCDE	119.7
Daytona	8	2.3 (8)	1.8 (2)	1.9 (7)	1.8 (11)	1.6 (35)	1.3 (28)	1.4 (41)	1.2 (28)	13.4 (12)	ABCDEF	119.0
Tripleplay	9	2.1 (30)	1.5 (26)	1.6 (38)	1.7 (21)	1.8 (7)	1.4 (9)	1.5 (22)	1.4 (8)	13.1 (15)	ABCDEFGFG	116.4
Pacifico	9	2.1 (28)	1.3 (38)	1.8 (15)	1.8 (13)	1.9 (4)	1.4 (17)	1.5 (26)	1.3 (15)	13.1 (17)	ABCDEFGFG	115.9
Saltana(SW9332)	9	1.9 (49)	1.5 (29)	1.8 (19)	1.8 (14)	1.8 (14)	1.3 (24)	1.7 (6)	1.3 (14)	13.1 (18)	ABCDEFGFG	115.8
Desert Sun 8.10RR	8	2.1 (30)	1.5 (20)	1.8 (21)	1.8 (16)	1.7 (25)	1.2 (31)	1.4 (39)	1.2 (29)	12.7 (23)	BCDEFGHI	112.6
Integra 8900	9	2.0 (40)	1.3 (45)	1.7 (33)	1.6 (37)	1.7 (22)	1.4 (12)	1.7 (7)	1.3 (12)	12.7 (24)	BCDEFGHI	112.6
Magna 995	9	2.2 (15)	1.7 (9)	1.8 (11)	1.7 (26)	1.6 (44)	1.1 (43)	1.5 (32)	1.1 (41)	12.7 (25)	BCDEFGHI	112.5
HybriForce-620	6	2.4 (7)	1.6 (13)	1.9 (5)	1.7 (20)	1.7 (34)	1.1 (45)	1.2 (51)	1.0 (47)	12.6 (29)	BCDEFGHIJ	112.0
UC Impalo	9	1.9 (46)	1.5 (32)	1.8 (19)	1.9 (9)	1.6 (40)	1.3 (26)	1.4 (38)	1.2 (27)	12.5 (32)	BCDEFGHIJ	110.9
Grandslam	8	2.3 (13)	1.3 (44)	1.7 (32)	1.5 (49)	1.8 (17)	1.3 (23)	1.5 (33)	1.2 (26)	12.4 (33)	BCDEFGHIJK	110.4
CG9	9	2.2 (17)	1.3 (42)	1.6 (40)	1.5 (44)	1.6 (36)	1.2 (34)	1.8 (4)	1.1 (36)	12.4 (34)	BCDEFGHIJKL	109.6
Pinal 9 RR	9	2.1 (37)	1.4 (33)	1.7 (23)	1.7 (32)	1.8 (16)	1.3 (30)	1.2 (50)	1.1 (34)	12.3 (35)	BCDEFGHIJKLM	109.2
Ameristand 855 RR	8	2.1 (36)	1.6 (17)	1.8 (18)	1.7 (24)	1.5 (52)	1.0 (53)	1.5 (27)	1.0 (48)	12.1 (38)	CDEFGHIJKLM	107.7
Magna 801FQ	8	1.9 (44)	1.3 (40)	1.6 (44)	1.6 (43)	1.6 (41)	1.2 (36)	1.8 (2)	1.2 (32)	12.1 (40)	CDEFGHIJKLM	107.5
Integra 8800	8	2.1 (35)	1.5 (31)	1.6 (36)	1.7 (31)	1.6 (45)	1.2 (39)	1.3 (45)	1.1 (35)	12.1 (41)	DEFGHIJKLM	106.9
WL 535HQ	8	1.8 (52)	1.3 (48)	1.4 (54)	1.4 (52)	1.6 (37)	1.3 (21)	1.7 (10)	1.3 (11)	11.9 (42)	EFGHIJKLM	105.3
AR-21	9	2.4 (5)	1.7 (10)	1.7 (28)	1.6 (42)	1.5 (56)	1.0 (55)	1.1 (55)	0.8 (55)	11.7 (43)	FGHIJKLM	104.1
Magna 801FQ+Optimize	8	1.8 (51)	1.3 (48)	1.6 (46)	1.7 (28)	1.6 (38)	1.2 (38)	1.3 (44)	1.2 (33)	11.6 (44)	GHIJKLM	103.2
AR-2	9	2.2 (22)	1.5 (30)	1.7 (29)	1.6 (39)	1.6 (47)	1.1 (50)	1.1 (53)	0.9 (52)	11.6 (47)	GHIJKLM	102.5
RRALF-8R100	8	2.2 (26)	1.1 (53)	1.6 (43)	1.5 (48)	1.6 (42)	1.2 (32)	1.3 (46)	1.1 (37)	11.5 (48)	GHIJKLM	102.1
DKA84-10 RR	8	1.8 (54)	1.3 (36)	1.6 (39)	1.6 (33)	1.7 (32)	1.2 (41)	1.3 (48)	1.0 (44)	11.5 (49)	GHIJKLM	102.0
CUF101	9	1.9 (45)	1.1 (55)	1.5 (52)	1.5 (46)	1.5 (54)	1.1 (51)	1.7 (8)	1.1 (43)	11.3 (50)	HJKLM	100.0
59N59	9	2.1 (33)	0.9 (57)	1.4 (55)	1.3 (56)	1.6 (43)	1.2 (40)	1.6 (13)	1.1 (38)	11.3 (51)	HJKLM	99.8
AR-9	9	2.5 (2)	1.4 (35)	1.5 (49)	1.4 (53)	1.5 (52)	1.0 (56)	1.0 (56)	0.8 (56)	11.1 (52)	IJKLM	98.0
Integra 8801R RR	8	1.7 (56)	1.1 (52)	1.5 (50)	1.4 (54)	1.6 (46)	1.1 (48)	1.2 (52)	1.1 (42)	10.7 (56)	LM	94.9
Revolution RR	8	1.7 (55)	1.2 (51)	1.4 (56)	1.5 (50)	1.6 (48)	1.1 (49)	1.2 (49)	1.0 (50)	10.6 (57)	M	94.3
Experimental Varieties												
FG-95T284	9	2.2 (20)	2.0 (1)	1.9 (4)	1.9 (5)	1.9 (1)	1.6 (1)	1.6 (12)	1.5 (2)	14.7 (1)	A	130.1
FG-95T284+Optimize	9	2.1 (32)	1.8 (5)	1.8 (14)	1.9 (8)	1.8 (8)	1.6 (3)	1.5 (21)	1.4 (6)	13.9 (2)	AB	123.2
R95BD104 RR	9	2.5 (1)	1.6 (12)	1.8 (9)	1.8 (12)	1.8 (12)	1.4 (16)	1.5 (24)	1.3 (12)	13.9 (3)	AB	123.0
PGI 1007 BA	10	2.0 (38)	1.6 (18)	1.8 (10)	1.9 (6)	1.8 (12)	1.5 (4)	1.6 (15)	1.5 (5)	13.8 (6)	ABCD	121.9
R96BD105 RR	9	2.2 (25)	1.8 (4)	1.9 (6)	1.9 (3)	1.7 (18)	1.4 (13)	1.5 (28)	1.3 (18)	13.7 (7)	ABCD	121.4
CW 39060	9	2.1 (34)	1.7 (8)	2.0 (1)	1.9 (7)	1.8 (5)	1.4 (11)	1.4 (40)	1.3 (19)	13.6 (9)	ABCDE	120.1
CW 39087	9	1.9 (41)	1.4 (34)	1.8 (16)	1.8 (18)	1.9 (2)	1.6 (2)	1.6 (14)	1.6 (1)	13.5 (11)	ABCDE	119.5
SW8421	8	2.0 (39)	1.7 (6)	1.8 (8)	2.0 (2)	1.7 (20)	1.3 (20)	1.4 (35)	1.3 (21)	13.2 (13)	ABCDEF	117.2
CW 19065	8	2.2 (21)	1.5 (22)	1.8 (16)	1.7 (22)	1.8 (15)	1.5 (7)	1.7 (5)	1.0 (51)	13.2 (14)	ABCDEF	116.6
DS736	8	2.3 (11)	1.8 (3)	1.8 (11)	1.8 (17)	1.7 (33)	1.1 (46)	1.6 (20)	1.0 (46)	13.1 (16)	ABCDEF	116.0
CW 36106	7	1.9 (43)	1.5 (27)	1.7 (25)	1.7 (27)	1.7 (24)	1.4 (8)	1.7 (9)	1.2 (23)	12.9 (19)	BCDEFGH	114.3
FG-85M282	8	2.3 (14)	1.5 (24)	1.7 (24)	1.7 (25)	1.7 (26)	1.3 (22)	1.4 (37)	1.2 (24)	12.9 (20)	BCDEFGH	114.1
FG-85M282+Optimize	8	2.2 (24)	1.5 (25)	1.7 (30)	1.7 (29)	1.7 (29)	1.3 (27)	1.6 (17)	1.2 (31)	12.8 (21)	BCDEFGHI	113.1
DS0571-Optimize	7	2.3 (12)	1.6 (11)	1.7 (27)	1.6 (36)	1.6 (39)	1.2 (35)	1.6 (18)	1.1 (40)	12.7 (22)	BCDEFGHI	112.8
Chema 1	9	1.7 (57)	1.0 (56)	1.5 (48)	1.6 (38)	1.8 (9)	1.5 (6)	2.1 (1)	1.5 (3)	12.7 (26)	BCDEFGHI	112.4
DS732	8	2.3 (9)	1.3 (36)	1.7 (22)	1.7 (23)	1.7 (30)	1.1 (44)	1.4 (36)	1.3 (20)	12.6 (27)	BCDEFGHIJ	112.1
9102	9	1.8 (53)	1.3 (39)	1.6 (44)	1.7 (30)	1.7 (28)	1.4 (10)	1.8 (3)	1.4 (7)	12.6 (28)	BCDEFGHIJ	112.0
DS733	9	2.4 (6)	1.5 (21)	1.7 (33)	1.6 (40)	1.7 (31)	1.2 (37)	1.4 (42)	1.2 (30)	12.5 (30)	BCDEFGHIJ	111.1
9101	9	1.9 (47)	1.3 (43)	1.6 (41)	1.7 (19)	1.7 (21)	1.3 (25)	1.7 (11)	1.3 (16)	12.5 (31)	BCDEFGHIJ	111.0
R95BD106 RR	9	1.9 (42)	1.3 (47)	1.6 (37)	1.6 (35)	1.7 (23)	1.3 (19)	1.5 (25)	1.3 (17)	12.3 (36)	BCDEFGHIJKLM	109.1
SW115	9	1.9 (50)	1.2 (50)	1.6 (42)	1.6 (33)	1.7 (19)	1.4 (18)	1.5 (31)	1.4 (9)	12.2 (37)	BCDEFGHIJKLM	108.0
PGI 801	8	2.2 (23)	1.3 (46)	1.6 (47)	1.6 (41)	1.7 (27)	1.2 (33)	1.6 (19)	1.1 (39)	12.1 (39)	CDEFGHIJKLM	107.6
DS735	7	2.2 (18)	1.5 (23)	1.7 (31)	1.5 (47)	1.5 (51)	1.0 (54)	1.3 (43)	0.8 (54)	11.6 (45)	GHIJKLM	103.0
DS0571	7	2.1 (27)	1.5 (28)	1.5 (51)	1.5 (45)	1.6 (50)	1.1 (42)	1.3 (47)	1.0 (49)	11.6 (46)	GHIJKLM	102.9
DS734	7	2.2 (16)	1.3 (41)	1.5 (53)	1.4 (55)	1.5 (55)	1.0 (52)	1.1 (54)	0.8 (53)	10.9 (54)	JJKLM	96.9
SW120	9	1.9 (48)	1.1 (54)	1.3 (57)	1.3 (57)	1.6 (49)	1.1 (47)	1.5 (29)	1.0 (45)	10.8 (55)	KLM	95.5
MEAN		2.10	1.45	1.67	1.67	1.69	1.26	1.47	1.17	12.49		
CV		14.2	31.5	19.6	18.0	8.3	8.7	18.7	13.3	11.6		
LSD (0.1)		0.35	NS	NS	NS	0.17	0.13	0.32	0.18	1.72		

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.