

TABLE 9. 2005 FIRST-YEAR 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 14-Jun	Cut 2 12-Jul	Cut 3 10-Aug	Cut 4 1-Sep	Cut 5 5-Oct	Cut 6 3-Nov	YEAR TOTAL		% OF CUF101 %
	Dry t/a								
Released Varieties									
WL625HQ	1.81 (1)	1.7 (7)	2.28 (3)	2.1 (4)	1.8 (6)	1.63 (2)	11.3 (1)	A	118.3
58N57	1.71 (2)	1.71 (6)	2.17 (18)	1.93 (25)	1.82 (5)	1.35 (32)	10.7 (4)	A B C D	111.6
FG91T403	1.47 (16)	1.66 (11)	2.22 (8)	2.03 (10)	1.82 (4)	1.47 (14)	10.7 (6)	A B C D E	111.5
RR04BD474	1.45 (20)	1.72 (5)	2.24 (6)	2.1 (3)	1.77 (9)	1.38 (29)	10.7 (7)	A B C D E F	111.3
RR04BD454	1.56 (7)	1.7 (8)	2.21 (11)	1.96 (19)	1.71 (15)	1.46 (17)	10.6 (8)	A B C D E F G	110.7
RR04BD435	1.47 (15)	1.59 (16)	2.16 (20)	2.06 (7)	1.67 (22)	1.53 (6)	10.5 (9)	A B C D E F G	109.5
WL525HQ	1.59 (5)	1.51 (35)	2.1 (32)	2.03 (11)	1.74 (12)	1.51 (8)	10.5 (10)	A B C D E F G H	109.5
FG101T407	1.11 (53)	1.5 (38)	2.18 (15)	2.07 (6)	1.82 (3)	1.68 (1)	10.4 (11)	A B C D E F G H I	108.2
CW04865	1.43 (24)	1.49 (39)	2.23 (7)	2.05 (8)	1.69 (17)	1.44 (21)	10.3 (12)	A B C D E F G H I	107.9
CW801	1.49 (12)	1.54 (28)	2.26 (4)	1.97 (18)	1.71 (16)	1.33 (34)	10.3 (13)	A B C D E F G H I J	107.6
RR04BD436	1.5 (11)	1.57 (19)	2.18 (13)	1.92 (28)	1.62 (32)	1.5 (10)	10.3 (14)	A B C D E F G H I J K	107.5
X59N59	1.36 (35)	1.53 (33)	2.21 (9)	2.01 (13)	1.68 (18)	1.46 (16)	10.3 (15)	B C D E F G H I J K L	107.2
CG9	1.49 (14)	1.54 (31)	2.09 (34)	1.99 (14)	1.66 (23)	1.41 (26)	10.2 (16)	B C D E F G H I J K L	106.4
Y58N88	1.42 (25)	1.65 (12)	2.2 (12)	1.99 (15)	1.66 (24)	1.26 (38)	10.2 (17)	B C D E F G H I J K L	106.3
DS385	1.5 (10)	1.41 (52)	2.08 (36)	2.02 (12)	1.67 (20)	1.44 (20)	10.1 (18)	B C D E F G H I J K L M	105.9
MeccaIII	1.27 (43)	1.44 (47)	2.14 (23)	1.96 (20)	1.72 (13)	1.59 (4)	10.1 (19)	B C D E F G H I J K L M	105.7
RR04BD409	1.28 (42)	1.57 (20)	2.17 (19)	1.92 (29)	1.72 (14)	1.44 (22)	10.1 (20)	B C D E F G H I J K L M	105.4
RR04BD401	1.58 (6)	1.57 (18)	2.21 (10)	1.88 (36)	1.66 (25)	1.17 (43)	10.1 (21)	B C D E F G H I J K L M	105.3
SW9434	1.07 (54)	1.43 (49)	2.07 (39)	2.08 (5)	1.8 (7)	1.59 (3)	10 (23)	B C D E F G H I J K L M	104.9
Pershing	1.43 (23)	1.85 (2)	2.11 (29)	1.88 (33)	1.54 (43)	1.21 (40)	10 (24)	B C D E F G H I J K L M N	104.7
Saltana(SW9332)	1.22 (47)	1.5 (37)	2.13 (25)	1.94 (23)	1.76 (10)	1.47 (12)	10 (25)	B C D E F G H I J K L M N	104.7
ADF01701	1.3 (40)	1.49 (40)	2.14 (22)	1.95 (22)	1.68 (19)	1.45 (18)	10 (26)	B C D E F G H I J K L M N	104.5
RR04BD408	1.26 (45)	1.46 (41)	2.13 (24)	2.1 (2)	1.62 (29)	1.41 (25)	9.99 (27)	B C D E F G H I J K L M N	104.4
FG82M204	1.35 (36)	1.46 (42)	2.18 (14)	1.98 (17)	1.62 (31)	1.39 (27)	9.98 (28)	B C D E F G H I J K L M N O	104.3
Magna995	1.38 (29)	1.57 (21)	2.08 (37)	1.84 (44)	1.63 (28)	1.43 (23)	9.93 (29)	B C D E F G H I J K L M N O	103.8
WL535HQ	1.4 (27)	1.53 (34)	2 (48)	1.88 (35)	1.58 (38)	1.49 (11)	9.88 (31)	C D E F G H I J K L M N O	103.2
Croplan843	1.17 (48)	1.63 (13)	2.11 (28)	1.92 (30)	1.6 (36)	1.45 (19)	9.87 (32)	D E F G H I J K L M N O	103.1
Yosemite	1.37 (32)	1.54 (30)	2.06 (40)	1.87 (37)	1.67 (21)	1.33 (33)	9.84 (33)	D E F G H I J K L M N O	102.8
57Q75	1.47 (17)	1.62 (15)	2.14 (21)	1.83 (45)	1.55 (39)	1.17 (44)	9.78 (36)	D E F G H I J K L M N O	102.2
Pacifico	1.37 (33)	1.82 (3)	1.99 (50)	1.85 (41)	1.46 (50)	1.21 (39)	9.7 (39)	D E F G H I J K L M N O	101.3
Impalo	1.15 (50)	1.44 (48)	2 (49)	2.04 (9)	1.61 (35)	1.39 (28)	9.62 (41)	E F G H I J K L M N O	100.5
Magna788	1.34 (37)	1.45 (45)	2.24 (5)	1.93 (24)	1.62 (34)	1.27 (37)	9.84 (34)	D E F G H I J K L M N O	102.8
59N49	1.32 (39)	1.45 (46)	2 (46)	1.8 (47)	1.64 (27)	1.37 (30)	9.58 (43)	G H I J K L M N O	100.1
Cuf101	1.17 (49)	1.45 (44)	2 (47)	1.87 (38)	1.65 (26)	1.43 (24)	9.57 (44)	G H I J K L M N O	100.0
ArtesianSunrise	1.38 (31)	1.51 (36)	2.1 (33)	1.84 (43)	1.53 (45)	1.08 (48)	9.43 (45)	H I J K L M N O	98.5
WL711	1.13 (52)	1.26 (54)	2.07 (38)	1.96 (21)	1.49 (47)	1.47 (13)	9.38 (46)	I J K L M N O	98.0
RR04BD487	1.55 (9)	1.58 (17)	2.1 (31)	1.76 (51)	1.47 (49)	0.9 (52)	9.36 (47)	I J K L M N O	97.8
Amerileaf721	1.45 (20)	1.46 (43)	2.03 (44)	1.76 (50)	1.55 (40)	1.02 (50)	9.27 (49)	J K L M N O	96.8
Conquistador	1.27 (43)	1.56 (25)	1.93 (54)	1.77 (49)	1.51 (46)	1.2 (42)	9.25 (50)	K L M N O	96.6
DK180ML	1.56 (8)	1.56 (26)	1.95 (53)	1.73 (52)	1.36 (54)	1.06 (49)	9.22 (51)	L M N O	96.3
56S82	1.36 (34)	1.56 (22)	1.98 (51)	1.68 (54)	1.53 (44)	0.88 (53)	8.99 (53)	N O	93.9
Experimental Varieties									
CW048069	1.65 (3)	1.86 (1)	2.17 (17)	1.93 (26)	1.79 (8)	1.53 (7)	10.9 (3)	A B C	114.2
AA202W	1.3 (41)	1.63 (14)	2.34 (1)	1.99 (16)	1.92 (2)	1.51 (9)	10.7 (5)	A B C D	111.6
DS381	1.41 (26)	1.67 (10)	2.04 (42)	1.93 (27)	1.54 (42)	1.47 (15)	10.1 (22)	B C D E F G H I J K L M	105.1
DS384	1.49 (13)	1.79 (4)	2.01 (45)	1.87 (40)	1.55 (41)	1.21 (41)	9.92 (30)	B C D E F G H I J K L M N O	103.6
DS382	1.33 (38)	1.43 (50)	2.09 (35)	1.87 (39)	1.75 (11)	1.36 (31)	9.82 (35)	D E F G H I J K L M N O	102.6
RR04BD406	1.38 (29)	1.68 (9)	2.3 (2)	2.1 (1)	1.94 (1)	1.54 (5)	11 (2)	A B	114.4
AA203W	1.46 (19)	1.54 (32)	2.13 (27)	1.88 (32)	1.62 (33)	1.13 (46)	9.75 (37)	D E F G H I J K L M N O	101.8
FG91M401	1.39 (28)	1.56 (23)	2.03 (43)	1.85 (42)	1.6 (37)	1.29 (35)	9.72 (38)	D E F G H I J K L M N O	101.6
RR04BD407	1.47 (18)	1.3 (53)	2.13 (26)	1.88 (34)	1.62 (30)	1.27 (36)	9.67 (40)	D E F G H I J K L M N O	101.1
AA201W	1.61 (4)	1.54 (29)	2.11 (30)	1.79 (48)	1.44 (52)	1.11 (47)	9.6 (42)	F G H I J K L M N O	100.3
RR04BD487	1.55 (9)	1.58 (17)	2.1 (31)	1.76 (51)	1.47 (49)	0.9 (52)	9.36 (47)	I J K L M N O	97.8
DS399	1.15 (51)	1.42 (51)	2.17 (16)	1.9 (31)	1.48 (48)	1.16 (45)	9.27 (48)	J K L M N O	96.9
DS383	1.43 (22)	1.56 (24)	1.97 (52)	1.72 (53)	1.42 (53)	1 (51)	9.1 (52)	M N O	95.1
AA200W	1.24 (46)	1.54 (27)	2.06 (41)	1.81 (46)	1.46 (51)	0.83 (54)	8.94 (54)	O	93.3
MEAN	1.39	1.56	2.12	1.92	1.64	1.34	9.97		
CV	15.8	15.4	7.6	7.7	13.6	14.8	7.5		
LSD (.05)	0.31	NS	NS	0.21	NS	0.28	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 5% probability level according to Fisher's (protected) LSD.

FD = Fall Dormancy reported by seed companies.