

Table 9. UC KEARNEY ALFALFA CULTIVAR TRIAL 2003 YIELDS. TRIAL PLANTED 5/12/03

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	YEAR		% OF
	7/14	8/15	9/11	10/9	11/18	TOTAL		CUF101
	-----Dry ton/ac-----							%
<b>Released Varieties</b>								
AL999	2.4 ( 1)	2.6 ( 1)	1.5 ( 1)	1.3 ( 5)	1.2 ( 1)	9.0 ( 1)	A	125.7
Magna995(DS995)	2.1 ( 8)	2.5 ( 6)	1.5 ( 2)	1.3 ( 6)	1.2 ( 5)	8.4 ( 2)	A B	117.4
WL625HQ	2.1 (10)	2.3 ( 9)	1.4 ( 8)	1.3 ( 4)	1.2 ( 3)	8.3 ( 3)	B C	115.1
Salado	2.3 ( 2)	2.5 ( 3)	1.3 (20)	1.2 (24)	1.0 (23)	8.2 ( 4)	B C D	114.7
Magna901	1.8 (32)	2.3 (10)	1.5 ( 3)	1.4 ( 1)	1.2 ( 4)	8.1 ( 6)	B C D E F	112.8
Sequoia	1.8 (36)	2.3 (13)	1.4 ( 5)	1.3 ( 3)	1.2 ( 2)	8.0 ( 8)	B C D E F G H	111.2
Westar	2.1 ( 9)	2.4 ( 7)	1.4 (16)	1.2 (14)	1.0 (22)	8.0 ( 9)	B C D E F G H	111.2
Meccalll	1.9 (25)	2.2 (30)	1.5 ( 4)	1.2 (12)	1.1 ( 7)	7.8 (10)	B C D E F G H I	109.0
Pershing	1.9 (24)	2.3 (17)	1.4 ( 9)	1.2 (11)	1.0 (18)	7.8 (11)	B C D E F G H I	109.0
FG03-01	2.0 (11)	2.3 (11)	1.3 (21)	1.2 (25)	1.0 (20)	7.8 (12)	B C D E F G H I J	108.3
CW1010(CW89064)	2.0 (19)	2.2 (28)	1.3 (17)	1.2 (18)	1.1 (11)	7.8 (13)	B C D E F G H I J K	108.3
ArtesiaSunrise	1.9 (27)	2.5 ( 5)	1.4 (13)	1.2 (13)	0.9 (32)	7.8 (15)	B C D E F G H I J K	108.1
WL530HQ	1.9 (22)	2.5 ( 4)	1.3 (19)	1.1 (29)	0.9 (30)	7.7 (16)	B C D E F G H I J K L	107.6
CW801(CW58073)	2.1 ( 7)	2.3 (16)	1.3 (28)	1.2 (21)	0.9 (27)	7.7 (18)	B C D E F G H I J K L	107.4
Magna801fq	1.9 (21)	2.2 (26)	1.3 (22)	1.2 (16)	1.0 (16)	7.7 (20)	C D E F G H I J K L	106.7
SW100(SW101)	1.7 (39)	2.2 (25)	1.4 (14)	1.3 ( 8)	1.1 (12)	7.7 (21)	C D E F G H I J K L	106.5
Magna788(DS788)	2.1 ( 5)	2.2 (22)	1.3 (26)	1.1 (27)	0.9 (28)	7.6 (22)	C D E F G H I J K L	106.4
Catalina(SW9217)	1.7 (38)	2.1 (31)	1.4 (15)	1.3 ( 9)	1.1 (10)	7.6 (23)	C D E F G H I J K L	105.8
58N57	2.1 ( 4)	2.2 (21)	1.3 (25)	1.1 (35)	0.9 (29)	7.6 (24)	C D E F G H I J K L	105.6
Westan	2.1 ( 6)	2.3 (19)	1.3 (23)	1.1 (34)	0.9 (31)	7.6 (25)	C D E F G H I J K L	105.4
59N49	1.9 (28)	2.2 (27)	1.3 (27)	1.2 (19)	1.1 (14)	7.6 (26)	C D E F G H I J K L	105.2
C-241	2.0 (13)	2.3 (18)	1.4 ( 7)	1.1 (36)	0.7 (36)	7.5 (27)	D E F G H I J K L M	104.4
Dura843	1.9 (23)	2.1 (34)	1.3 (36)	1.2 (20)	1.0 (17)	7.5 (28)	E F G H I J K L M	103.9
CW704	2.0 (17)	2.2 (23)	1.3 (30)	1.1 (31)	0.8 (34)	7.4 (30)	F G H I J K L M	102.5
CW907	1.7 (37)	2.1 (32)	1.3 (31)	1.1 (30)	1.0 (21)	7.3 (32)	H I J K L M	101.1
CUF101	1.8 (33)	2.0 (40)	1.2 (39)	1.1 (28)	1.1 (13)	7.2 (35)	I J K L M	100.0
WL325HQ	2.2 ( 3)	2.5 ( 2)	1.2 (40)	0.8 (40)	0.4 (40)	7.2 (36)	I J K L M	99.5
DelRio	2.0 (16)	2.1 (35)	1.3 (34)	1.0 (38)	0.7 (39)	7.0 (38)	K L M	97.7
Dura765	1.8 (31)	2.1 (36)	1.2 (37)	1.0 (39)	0.7 (37)	6.8 (40)	M	94.2
<b>Experimental Varieties</b>								
UC445	2.0 (14)	2.4 ( 8)	1.4 ( 6)	1.3 ( 7)	1.1 ( 6)	8.2 ( 5)	B C D E	113.9
SW9215	1.9 (20)	2.3 (12)	1.4 (11)	1.3 ( 2)	1.1 ( 9)	8.1 ( 7)	B C D E F G	112.2
00I11PN1	2.0 (12)	2.2 (20)	1.4 (12)	1.2 (17)	0.9 (24)	7.8 (14)	B C D E F G H I J K	108.2
00I10PN1	1.9 (26)	2.3 (15)	1.4 (10)	1.2 (10)	0.9 (25)	7.7 (17)	B C D E F G H I J K L	107.6
DS8181	2.0 (15)	2.3 (14)	1.3 (18)	1.2 (23)	0.9 (26)	7.7 (19)	B C D E F G H I J K L	107.2
CW09052	1.8 (34)	2.2 (29)	1.3 (24)	1.2 (22)	1.0 (19)	7.4 (29)	F G H I J K L M	103.2
SW9218	1.7 (40)	2.0 (39)	1.3 (32)	1.2 (15)	1.1 ( 8)	7.3 (31)	G H I J K L M	101.9
UC450	1.8 (35)	2.0 (37)	1.3 (35)	1.2 (26)	1.0 (15)	7.2 (33)	I J K L M	100.3
Y56582	2.0 (18)	2.2 (24)	1.3 (29)	1.1 (37)	0.7 (38)	7.2 (34)	I J K L M	100.1
Y57Q75	1.8 (30)	2.1 (33)	1.3 (33)	1.1 (32)	0.8 (35)	7.1 (37)	J K L M	98.1
DS288	1.8 (29)	2.0 (38)	1.2 (38)	1.1 (33)	0.8 (33)	7.0 (39)	L M	97.1
MEAN	1.94	2.25	1.33	1.17	0.96	7.65		
CV	12.1	9.6	9.8	8	7.8	7.1		
LSD (.05)	0.33	0.3	NS	0.13	0.1	0.76		

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

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