

Table 8. 2003-2005 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/12/03

		2003	2004	2005	Average		% OF
		Yield	Yield	Yield			CUF101
		dry t/a					%
Released Varieties	FD						
AL999	9	9.0 (1)	12.4 (7)	11.9 (5)	11.1 (1)	A	121.0
WL625HQ	9	8.3 (3)	12.8 (2)	12.3 (1)	11.1 (2)	A	120.9
Sequoia	9	8.0 (8)	12.6 (4)	12.1 (3)	10.9 (3)	A B	118.3
Magna995(DS995)	9	8.4 (2)	12.4 (9)	11.5 (7)	10.8 (5)	A B C D	117.0
Magna901	9	8.1 (6)	12.7 (3)	11.2 (13)	10.7 (6)	A B C D	115.9
Catalina(SW9217)	9	7.6 (23)	12.4 (6)	11.8 (6)	10.6 (7)	A B C D E	115.2
CW1010(CW89064)	10	7.8 (13)	12.5 (5)	11.4 (9)	10.6 (8)	A B C D E F	114.8
MeccaIII	9	7.8 (10)	12.4 (10)	11.3 (12)	10.5 (10)	A B C D E F G	114.1
Dura843	8	7.5 (28)	12.1 (11)	11.3 (10)	10.3 (12)	A B C D E F G H	111.9
Westan	8	7.6 (25)	12.0 (13)	10.7 (19)	10.1 (15)	B C D E F G H I J	109.6
58N57	8	7.6 (24)	11.6 (17)	10.8 (17)	10.0 (17)	C D E F G H I J K L	108.7
Westar	8	8.0 (9)	11.6 (21)	10.4 (25)	10.0 (18)	C D E F G H I J K L M	108.5
Salado	9	8.2 (4)	11.6 (18)	10.1 (30)	10.0 (19)	C D E F G H I J K L M	108.4
WL530HQ	8	7.7 (16)	11.2 (26)	10.9 (14)	10.0 (21)	D E F G H I J K L M N	108.1
CW801(CW58073)	8	7.7 (18)	11.0 (30)	10.7 (20)	9.8 (22)	E F G H I J K L M N	106.6
Magna801fq	8	7.7 (20)	10.9 (32)	10.8 (18)	9.8 (24)	E F G H I J K L M N	106.3
59N49	9	7.6 (26)	11.6 (19)	10.2 (29)	9.8 (25)	E F G H I J K L M N	106.2
Magna788(DS788)	8	7.6 (22)	11.1 (29)	10.6 (22)	9.8 (26)	E F G H I J K L M N	106.2
Pershing	8	7.8 (11)	10.8 (35)	10.6 (23)	9.7 (27)	F G H I J K L M N	105.6
SW100(SW101)	10	7.7 (21)	11.4 (23)	10.0 (33)	9.7 (28)	G H I J K L M N	105.1
CW704	7	7.4 (30)	11.4 (24)	10.3 (27)	9.7 (29)	G H I J K L M N	105.1
CW907	9	7.3 (32)	11.1 (28)	10.5 (24)	9.6 (30)	H I J K L M N	104.6
ArtesiaSunrise	7	7.8 (15)	11.2 (27)	9.7 (37)	9.5 (31)	H I J K L M N	103.7
FG03-01	8	7.8 (12)	10.9 (34)	9.5 (38)	9.4 (33)	I J K L M N	102.0
C-241	5	7.5 (27)	10.4 (38)	10.2 (28)	9.4 (34)	I J K L M N	101.8
CUF101	9	7.2 (35)	11.6 (20)	8.9 (39)	9.2 (36)	K L M N	100.0
Dura765	7	6.8 (40)	10.9 (33)	9.8 (36)	9.2 (37)	L M N	99.5
DelRio	6	7.0 (38)	10.5 (37)	9.9 (35)	9.1 (38)	M N	99.3
WL325HQ	3	7.2 (36)	7.6 (40)	7.9 (40)	7.6 (40)	O	82.1
Experimental Varieties							
SW9218	9	7.3 (31)	12.9 (1)	12.2 (2)	10.8 (4)	A B C D	117.5
SW9215	9	8.1 (7)	11.7 (16)	12.0 (4)	10.6 (9)	A B C D E F	114.7
00I11PN1	8	7.8 (14)	12.4 (8)	11.3 (11)	10.5 (11)	A B C D E F G	114.1
CW09052	9	7.4 (29)	11.8 (15)	11.4 (8)	10.2 (13)	B C D E F G H I	110.8
DS8181	8	7.7 (19)	11.8 (14)	10.8 (16)	10.1 (14)	B C D E F G H I J	109.9
UC445	9	8.2 (5)	11.0 (31)	10.9 (15)	10.0 (16)	B C D E F G H I J K	109.0
00I10PN1	9	7.7 (17)	11.5 (22)	10.6 (21)	10.0 (20)	C D E F G H I J K L M	108.3
DS288	8	7.0 (39)	12.0 (12)	10.4 (26)	9.8 (23)	E F G H I J K L M N	106.5
Y57Q75	7	7.1 (37)	11.3 (25)	10.0 (34)	9.5 (32)	H I J K L M N	102.7
UC450	9	7.2 (33)	10.7 (36)	10.0 (32)	9.3 (35)	J K L M N	101.0
Y56582	6	7.2 (34)	10.1 (39)	10.0 (31)	9.1 (39)	N	98.8
Mean		7.65	11.49	10.68	9.94		
CV		7.10	10.30	5.90	7.80		
LSD (.05)		0.76	1.66	0.89	0.85		

Variety X Year Interaction is significant

Trial seeded at 25 lb/acre viable seed on Hanford fine sandy loam soil at UC Kearney Agriculture Center, Parlier, CA

Entries followed by the same letter are not significantly different at the 5% level of probability.