

Table 4. '02 UC DAVIS ALFALFA CULTIVAR TRIAL 2004 YIELDS. TRIAL PLANTED 9/30/02
 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	YEAR	% OF
		3/24	5/5	6/2	6/30	7/29	8/25	9/28	TOTAL	CUF101
	FD	Dry t/a							Dry t/a	%
Released Varieties										
Magana788(DS788)	8	2.4 (3)	1.9 (4)	2.1 (11)	2.1 (1)	2.1 (3)	1.6 (5)	1.4 (4)	13.6 (1) A	109.5
WL525HQ	8	2.3 (5)	1.8 (14)	2.1 (9)	2.1 (8)	2.1 (4)	1.5 (10)	1.4 (6)	13.3 (2) A B	107.5
Moapa69	8	2.7 (1)	1.7 (35)	2.1 (18)	2.0 (13)	2.0 (15)	1.6 (6)	1.4 (11)	13.3 (3) A B	107.3
Catalina(SW9217)	9	2.0 (12)	1.8 (30)	2.1 (14)	2.1 (6)	2.2 (1)	1.7 (1)	1.5 (2)	13.2 (5) A B C	106.3
Magna901	9	2.0 (13)	1.9 (8)	2.2 (5)	2.1 (3)	2.1 (2)	1.6 (3)	1.4 (9)	13.2 (6) A B C	106.1
Dura843	8	2.3 (4)	1.9 (11)	2.0 (24)	2.0 (16)	2.0 (11)	1.5 (9)	1.4 (5)	13.1 (7) A B C	105.8
Sequoia	9	1.9 (16)	1.8 (20)	2.1 (6)	2.0 (11)	2.1 (7)	1.6 (2)	1.5 (1)	13.0 (8) A B C	104.8
58N57	8	1.7 (28)	1.9 (2)	2.2 (2)	2.1 (2)	2.1 (5)	1.5 (12)	1.3 (16)	12.9 (10) A B C D	103.7
Beacon	9	1.8 (26)	1.9 (12)	2.1 (16)	2.1 (7)	2.0 (10)	1.5 (7)	1.4 (7)	12.7 (13) A B C D E	102.6
Magna801FQ	6	1.8 (23)	1.8 (22)	2.1 (12)	2.1 (4)	2.1 (8)	1.5 (8)	1.4 (10)	12.7 (14) A B C D E	102.6
Pershing	8	1.8 (22)	1.9 (13)	2.2 (3)	2.0 (10)	2.0 (12)	1.5 (15)	1.3 (15)	12.6 (16) A B C D E F	101.9
DelRio(CW55067)	6	2.1 (8)	1.9 (5)	2.2 (4)	2.0 (18)	1.8 (22)	1.3 (24)	1.2 (22)	12.6 (17) A B C D E F G	101.4
CUF101	9	2.1 (9)	1.7 (33)	2.0 (26)	1.9 (26)	2.0 (19)	1.5 (13)	1.3 (13)	12.4 (18) B C D E F G H	100.0
WL530HQ	8	1.9 (15)	1.8 (29)	2.1 (10)	2.0 (17)	1.9 (20)	1.4 (18)	1.2 (23)	12.3 (20) C D E F G H	99.0
Dura765	7	2.0 (10)	1.9 (3)	2.0 (21)	1.9 (21)	1.8 (27)	1.3 (30)	1.2 (24)	12.2 (21) C D E F G H I	98.2
CW704	7	1.8 (20)	1.8 (26)	2.0 (28)	2.0 (12)	1.8 (23)	1.3 (23)	1.2 (25)	11.9 (23) D E F G H I J K	96.2
C-241	6	1.7 (32)	1.9 (7)	2.0 (22)	1.9 (29)	1.8 (26)	1.3 (27)	1.2 (26)	11.8 (26) E F G H I J K	95.0
59N49	9	1.5 (37)	1.7 (38)	2.0 (24)	1.9 (28)	2.0 (14)	1.4 (21)	1.3 (17)	11.8 (28) E F G H I J K L	94.6
LM459	5	1.8 (24)	1.8 (22)	2.0 (30)	1.8 (34)	1.5 (35)	1.3 (32)	1.1 (31)	11.2 (32) I J K L M	90.4
Tulare	8	1.4 (40)	1.8 (32)	1.9 (35)	1.9 (30)	1.7 (31)	1.2 (34)	1.1 (32)	11.0 (35) K L M	88.3
C-316	4	1.7 (29)	1.8 (15)	1.9 (34)	1.6 (37)	1.4 (38)	1.2 (36)	1.0 (37)	10.8 (36) L M	86.8
Recover	5	1.6 (36)	1.7 (34)	1.8 (38)	1.7 (36)	1.5 (37)	1.1 (38)	1.0 (39)	10.3 (37) M N	83.3
Dura512	5	1.6 (35)	1.7 (36)	1.9 (33)	1.6 (39)	1.4 (40)	1.1 (39)	1.0 (38)	10.3 (38) M N	82.8
Sutter	7	1.5 (39)	1.7 (37)	1.8 (39)	1.6 (38)	1.5 (36)	1.2 (37)	1.0 (36)	10.3 (39) M N	82.8
WL325HQ	3	1.5 (38)	1.6 (39)	1.7 (40)	1.6 (40)	1.4 (39)	1.1 (40)	0.9 (40)	9.7 (40) N	78.4
Experimental Varieties										
DS288	8	2.2 (7)	1.9 (6)	2.2 (1)	2.1 (5)	2.0 (13)	1.4 (16)	1.3 (14)	13.2 (4) A B C	106.3
DS282	8	2.6 (2)	1.8 (25)	2.1 (7)	2.0 (14)	1.9 (21)	1.4 (20)	1.2 (21)	13.0 (9) A B C D	104.3
SW8718	8	2.0 (11)	1.8 (18)	2.1 (15)	2.0 (14)	2.1 (6)	1.5 (11)	1.4 (8)	12.9 (11) A B C D	103.7
SW9218	9	1.9 (14)	1.8 (17)	2.0 (28)	2.1 (9)	2.1 (9)	1.6 (4)	1.5 (3)	12.9 (12) A B C D	103.6
UC-2589	9	2.3 (6)	1.8 (31)	2.0 (20)	1.9 (22)	2.0 (18)	1.5 (14)	1.3 (19)	12.7 (15) A B C D E F	102.3
ZX9894		1.8 (18)	1.9 (10)	2.1 (19)	2.0 (20)	2.0 (16)	1.4 (19)	1.3 (18)	12.4 (19) B C D E F G H	99.6
Y56S82	6	1.8 (17)	2.0 (1)	2.1 (17)	1.9 (24)	1.8 (29)	1.3 (29)	1.2 (29)	12.0 (22) D E F G H I J	96.5
Y57Q75	7	1.6 (34)	1.8 (19)	2.1 (12)	2.0 (18)	1.8 (28)	1.3 (25)	1.2 (20)	11.8 (24) E F G H I J K	95.0
DS266	4	1.7 (27)	1.9 (9)	2.1 (8)	1.9 (23)	1.7 (30)	1.3 (28)	1.1 (30)	11.8 (25) E F G H I J K	95.0
CW87089	7	1.8 (21)	1.8 (27)	2.0 (23)	1.9 (26)	1.8 (25)	1.4 (22)	1.2 (28)	11.8 (27) E F G H I J K L	94.9
UC-2705	9	1.7 (31)	1.5 (40)	1.8 (37)	1.9 (25)	2.0 (17)	1.4 (17)	1.4 (12)	11.7 (29) F G H I J K L	94.3
6R628	6	1.7 (30)	1.8 (21)	2.0 (31)	1.9 (31)	1.8 (24)	1.3 (31)	1.2 (27)	11.6 (30) G H I J K L	93.5
4S42	4	1.8 (19)	1.8 (15)	2.0 (26)	1.8 (32)	1.6 (32)	1.3 (26)	1.1 (33)	11.5 (31) H I J K L	92.3
CW86085	6	1.8 (25)	1.8 (28)	1.9 (32)	1.8 (33)	1.6 (33)	1.2 (35)	1.1 (34)	11.2 (33) I J K L M	90.1
ABI700	6	1.7 (33)	1.8 (24)	1.9 (36)	1.8 (35)	1.6 (34)	1.2 (33)	1.1 (35)	11.0 (34) J K L M	88.4
MEAN		1.9	1.8	2.0	1.9	1.8	1.4	1.3	12.1	
CV		27.7	6.3	6.5	4.9	6.2	5.5	6.7	6	
LSD (.05)		NS	0.16	0.18	0.13	0.16	0.11	0.12	1.01	

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at the UC Davis Agronomy Farms, CA

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