

Table 8. UC DAVIS ALFALFA CULTIVAR TRIAL 2003 YIELDS. TRIAL PLANTED 9/30/02.

NOTE: SINGLE YEAR DATA SHOULD NOT BE USED TO EVALUATE ALFALFA VARIETIES OR CHOOSE ALFALFA CULTIVARS

	Cut 1 5/27	Cut 2 6/23	Cut 3 7/22	Cut 4 8/19	Cut 5 9/18	Cut 6 10/20	YEAR TOTAL		% OF CUF101
	-----Dry tons/acre-----								%
Released Varieties									
Dura765	1.80 (3)	2.07 (5)	2.32 (8)	1.64 (13)	1.32 (15)	1.14 (21)	10.29 (4)	A B C D	113.9
Magna901	1.53 (21)	1.96 (14)	2.28 (12)	1.85 (1)	1.32 (17)	1.32 (2)	10.25 (6)	A B C D E	113.5
Magna801FQ	1.55 (19)	1.93 (15)	2.27 (13)	1.75 (3)	1.37 (7)	1.21 (9)	10.07 (7)	A B C D E F	111.5
WL525HQ	1.42 (29)	1.91 (17)	2.31 (9)	1.72 (6)	1.40 (3)	1.28 (3)	10.04 (8)	A B C D E F	111.2
Tulare	1.64 (10)	1.91 (16)	2.37 (4)	1.63 (16)	1.32 (16)	0.99 (34)	9.85 (12)	A B C D E F G H I	109.1
59N49	1.41 (31)	1.89 (23)	2.25 (16)	1.65 (12)	1.37 (8)	1.21 (10)	9.77 (14)	A B C D E F G H I	108.1
Pershing	1.49 (24)	1.79 (31)	2.26 (15)	1.69 (9)	1.33 (11)	1.20 (16)	9.75 (15)	A B C D E F G H I	108.0
Moapa69	1.49 (25)	1.90 (21)	2.25 (17)	1.64 (14)	1.26 (28)	1.20 (14)	9.74 (16)	A B C D E F G H I	107.8
58N57	1.45 (26)	1.91 (18)	2.16 (29)	1.60 (20)	1.30 (20)	1.16 (20)	9.59 (20)	B C D E F G H I	106.2
Dura843	1.49 (23)	1.77 (34)	2.24 (18)	1.62 (18)	1.18 (35)	1.23 (7)	9.54 (21)	B C D E F G H I J	105.6
Catalina(SW9217)	1.22 (37)	1.70 (39)	2.21 (24)	1.66 (10)	1.37 (6)	1.33 (1)	9.49 (25)	C D E F G H I J	105.1
Sequoia	1.33 (35)	1.75 (35)	2.17 (28)	1.59 (22)	1.38 (4)	1.26 (5)	9.49 (26)	D E F G H I J	105.0
WL530HQ	1.42 (30)	1.83 (28)	2.24 (19)	1.60 (21)	1.30 (19)	1.09 (24)	9.48 (27)	D E F G H I J	105.0
Beacon	1.40 (32)	1.73 (37)	2.26 (14)	1.54 (25)	1.27 (22)	1.18 (18)	9.38 (29)	F G H I J	103.9
WL325HQ	1.79 (4)	2.02 (10)	2.22 (22)	1.37 (35)	1.12 (38)	0.80 (40)	9.32 (31)	F G H I J	103.1
Dura512	1.80 (2)	2.07 (6)	2.05 (35)	1.31 (39)	1.14 (37)	0.92 (37)	9.29 (32)	F G H I J	102.8
CUF101	1.39 (34)	1.77 (33)	1.92 (39)	1.59 (24)	1.27 (23)	1.10 (23)	9.03 (38)	I J	100.0
Recover	1.52 (22)	1.81 (29)	1.99 (38)	1.26 (40)	1.26 (26)	0.93 (36)	8.76 (39)	J K	97.0
Sutter	1.32 (36)	1.80 (30)	1.80 (40)	1.31 (38)	0.94 (40)	0.82 (39)	8.00 (40)	K	88.6
Experimental Varieties									
DS288	1.69 (8)	2.16 (1)	2.41 (1)	1.74 (4)	1.36 (9)	1.18 (19)	10.53 (1)	A	116.6
CW55067	1.58 (14)	2.12 (2)	2.32 (6)	1.71 (7)	1.41 (2)	1.20 (15)	10.35 (2)	A B	114.5
DS788	1.58 (15)	1.99 (12)	2.33 (5)	1.78 (2)	1.37 (5)	1.27 (4)	10.32 (3)	A B C	114.2
DS282	1.64 (9)	2.07 (4)	2.32 (7)	1.70 (8)	1.33 (12)	1.20 (13)	10.27 (5)	A B C D E	113.7
ZX9894	1.55 (17)	1.87 (26)	2.38 (2)	1.63 (15)	1.34 (10)	1.21 (10)	9.98 (9)	A B C D E F G	110.5
Y56S82	1.91 (1)	2.00 (11)	2.23 (21)	1.54 (27)	1.23 (31)	1.05 (29)	9.96 (10)	A B C D E F G	110.3
SW8718	1.45 (27)	1.91 (19)	2.21 (25)	1.73 (5)	1.33 (13)	1.24 (6)	9.87 (11)	A B C D E F G H	109.2
C-241	1.73 (5)	1.88 (25)	2.16 (31)	1.62 (17)	1.31 (18)	1.07 (27)	9.77 (13)	A B C D E F G H I	108.1
CW704	1.70 (7)	1.88 (24)	2.13 (34)	1.50 (30)	1.45 (1)	1.07 (26)	9.74 (17)	A B C D E F G H I	107.8
ABI700	1.57 (16)	2.05 (9)	2.23 (20)	1.48 (31)	1.26 (26)	1.10 (22)	9.69 (18)	B C D E F G H I	107.2
6R628	1.55 (18)	2.05 (8)	2.16 (30)	1.54 (26)	1.28 (21)	1.05 (28)	9.64 (19)	B C D E F G H I	106.8
DS266	1.59 (12)	1.90 (22)	2.38 (3)	1.37 (36)	1.24 (29)	1.05 (29)	9.54 (22)	B C D E F G H I J	105.6
CW86085	1.45 (28)	2.10 (3)	2.29 (11)	1.48 (32)	1.23 (33)	0.99 (33)	9.52 (23)	B C D E F G H I J	105.4
4S42	1.63 (11)	1.90 (20)	2.19 (26)	1.51 (29)	1.23 (32)	1.04 (31)	9.51 (24)	B C D E F G H I J	105.3
C-316	1.73 (6)	2.07 (6)	2.18 (27)	1.35 (37)	1.21 (34)	0.92 (38)	9.45 (28)	E F G H I J	104.6
LM459	1.55 (20)	1.98 (13)	2.13 (33)	1.47 (34)	1.24 (30)	0.98 (35)	9.34 (30)	F G H I J	103.3
UC-2589	1.16 (39)	1.77 (32)	2.16 (32)	1.65 (11)	1.27 (24)	1.18 (17)	9.19 (33)	G H I J	101.7
SW9218	1.19 (38)	1.69 (40)	2.22 (23)	1.61 (19)	1.26 (25)	1.21 (12)	9.18 (34)	G H I J	101.6
CW87089	1.58 (13)	1.84 (27)	2.03 (37)	1.47 (33)	1.18 (36)	1.01 (32)	9.12 (35)	H I J	100.9
Y57Q75	1.40 (33)	1.71 (38)	2.30 (10)	1.53 (28)	1.04 (39)	1.08 (25)	9.06 (36)	H I J	100.3
UC-2705	1.13 (40)	1.75 (36)	2.05 (36)	1.59 (23)	1.32 (14)	1.22 (8)	9.06 (37)	H I J	100.3
MEAN	1.52	1.91	2.21	1.58	1.28	1.12	9.61		
CV	15.4	11.4	7.5	8.9	11.8	7.5	6.2		
LSD (.05)	0.33	NS	0.23	0.2	0.21	0.12	0.83		

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

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