

Table 3. 2005 YIELDS, UC DAVIS ALFALFA CULTIVAR TRIAL. 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
		4/18	5/23	6/20	7/15	8/11	9/8	10/14	TOTAL		CUF101
	FD	Dry tons/acre								%	
Released Varieties											
Catalina(SW9217)	9	1.2 (23)	2.0 (5)	1.8 (1)	2.0 (1)	1.9 (1)	1.0 (3)	1.0 (14)	10.9 (1)	A	110.5
Magna901	9	1.4 (1)	1.9 (14)	1.7 (6)	1.9 (9)	1.7 (6)	1.0 (8)	1.1 (6)	10.7 (2)	A B	108.4
Magna801FQ	8	1.3 (14)	2.0 (12)	1.8 (3)	1.9 (11)	1.7 (7)	1.0 (2)	1.0 (12)	10.6 (3)	A B C	107.3
Dura843	8	1.3 (8)	1.9 (24)	1.6 (14)	1.9 (4)	1.7 (5)	1.0 (15)	1.1 (5)	10.5 (5)	A B C D	106.3
Beacon	9	1.3 (11)	2.0 (9)	1.7 (7)	1.9 (6)	1.5 (14)	1.0 (7)	1.1 (4)	10.5 (6)	A B C D	106.1
WL525HQ	8	1.3 (5)	1.8 (27)	1.7 (13)	1.9 (7)	1.8 (2)	1.0 (1)	0.9 (20)	10.5 (7)	A B C D	105.9
Sequoia	9	1.2 (24)	1.8 (32)	1.7 (12)	1.9 (5)	1.7 (8)	1.0 (5)	1.1 (3)	10.4 (8)	A B C D E	105.1
Magna788(DS788)	7	1.4 (2)	2.0 (10)	1.8 (5)	2.0 (2)	1.5 (15)	0.9 (20)	0.9 (21)	10.4 (9)	A B C D E F	104.9
58N57	8	1.1 (30)	2.0 (4)	1.7 (8)	1.8 (16)	1.5 (16)	0.9 (19)	0.8 (22)	9.9 (14)	C D E F G H I	100.1
CUF101	9	1.1 (34)	1.6 (37)	1.6 (15)	1.8 (17)	1.8 (4)	1.0 (10)	1.0 (8)	9.9 (15)	C D E F G H I	100.0
DelRio(CW55067)	6	1.3 (12)	2.0 (6)	1.6 (16)	1.8 (19)	1.4 (21)	0.9 (24)	0.8 (23)	9.8 (16)	D E F G H I J	99.5
CW704	7	1.1 (32)	1.9 (13)	1.7 (11)	1.8 (18)	1.4 (28)	0.9 (27)	0.9 (19)	9.7 (18)	E F G H I J K	97.9
Pershing	8	1.1 (29)	1.7 (33)	1.5 (34)	1.8 (15)	1.5 (12)	0.9 (16)	1.0 (15)	9.6 (20)	G H I J K L	97.5
WL530HQ	8	1.3 (15)	1.9 (17)	1.6 (21)	1.7 (22)	1.4 (22)	0.9 (29)	0.7 (29)	9.5 (22)	H I J K L	95.9
Moapa69	8	1.0 (38)	1.7 (35)	1.6 (18)	1.7 (24)	1.4 (20)	1.0 (6)	1.0 (10)	9.4 (24)	I J K L M	95.5
C-241	6	1.3 (16)	1.9 (18)	1.5 (35)	1.5 (36)	1.3 (30)	0.9 (27)	0.9 (18)	9.3 (28)	I J K L M N O	93.9
Dura765	7	1.2 (22)	1.9 (20)	1.6 (22)	1.6 (29)	1.4 (26)	0.9 (31)	0.7 (30)	9.3 (29)	I J K L M N O	93.8
LM459	5	1.3 (18)	1.8 (25)	1.6 (26)	1.6 (34)	1.3 (31)	0.9 (23)	0.6 (34)	9.0 (31)	K L M N O P	91.6
Recover	5	1.2 (27)	2.0 (11)	1.5 (29)	1.7 (27)	1.2 (37)	0.9 (33)	0.7 (32)	9.0 (32)	K L M N O P	91.5
Tulare	8	1.2 (19)	1.8 (31)	1.5 (33)	1.5 (33)	1.3 (29)	0.8 (37)	0.8 (26)	8.9 (34)	L M N O P	90.3
Dura512	5	1.3 (3)	2.1 (2)	1.5 (30)	1.5 (38)	1.1 (38)	0.8 (39)	0.4 (40)	8.7 (35)	M N O P Q	88.2
59N49	9	1.0 (40)	1.5 (38)	1.4 (39)	1.6 (32)	1.5 (13)	0.9 (17)	0.8 (24)	8.7 (36)	N O P Q	88.1
Sutter	7	1.1 (31)	1.8 (26)	1.4 (37)	1.6 (33)	1.3 (34)	0.8 (36)	0.5 (35)	8.6 (37)	O P Q R	87.2
C-316	4	1.1 (28)	2.1 (3)	1.5 (32)	1.5 (40)	1.1 (40)	0.8 (38)	0.4 (39)	8.4 (38)	P Q R	84.8
WL325HQ	3	1.1 (35)	1.8 (28)	1.4 (38)	1.5 (35)	1.1 (39)	0.7 (40)	0.5 (37)	8.1 (39)	Q R	82.3
Experimental Varieties											
SW9218	9	1.3 (8)	1.9 (21)	1.8 (4)	1.9 (3)	1.8 (3)	1.0 (9)	0.9 (17)	10.6 (4)	A B C	107.0
DS288	8	1.2 (20)	1.9 (16)	1.7 (10)	1.8 (14)	1.6 (11)	1.0 (12)	1.1 (7)	10.2 (10)	A B C D E F G	103.4
SW8718	8	1.2 (26)	1.8 (29)	1.7 (9)	1.9 (8)	1.6 (10)	0.9 (18)	1.1 (2)	10.2 (11)	A B C D E F G H	103.2
CW87089	7	1.3 (10)	1.9 (23)	1.6 (17)	1.8 (12)	1.5 (17)	0.9 (22)	1.0 (11)	10.0 (12)	B C D E F G H I	101.1
DS282	7	1.2 (21)	2.0 (7)	1.6 (19)	1.9 (10)	1.5 (18)	1.0 (4)	0.7 (27)	9.9 (13)	C D E F G H I	100.5
4S42	4	1.3 (17)	2.2 (1)	1.8 (2)	1.8 (20)	1.2 (36)	0.9 (32)	0.7 (31)	9.7 (17)	E F G H I J K	98.3
Y56S82	6	1.3 (12)	2.0 (8)	1.6 (23)	1.7 (23)	1.4 (24)	0.9 (25)	0.8 (25)	9.6 (19)	F G H I J K L	97.6
UC-2589	9	1.0 (37)	1.7 (34)	1.5 (31)	1.8 (21)	1.6 (9)	1.0 (14)	1.0 (9)	9.6 (21)	G H I J K L	97.4
6R628	6	1.3 (6)	1.9 (19)	1.6 (25)	1.6 (31)	1.3 (32)	0.9 (35)	0.9 (16)	9.5 (23)	I J K L	95.8
DS266	6	1.3 (4)	1.9 (22)	1.6 (24)	1.7 (26)	1.4 (27)	0.9 (29)	0.7 (28)	9.4 (25)	I J K L M N	95.4
ZX9894		1.2 (25)	1.6 (36)	1.6 (28)	1.7 (25)	1.4 (25)	1.0 (11)	1.0 (12)	9.4 (26)	I J K L M N	95.2
UC-2705	9	1.0 (39)	1.5 (39)	1.5 (36)	1.7 (28)	1.4 (19)	1.0 (13)	1.2 (1)	9.3 (27)	I J K L M N	94.6
CW86085	6	1.3 (7)	1.9 (15)	1.6 (20)	1.6 (30)	1.3 (33)	0.9 (26)	0.5 (36)	9.1 (30)	J K L M N O P	92.2
Y57Q75	7	1.1 (33)	1.8 (30)	1.6 (27)	1.8 (13)	1.4 (23)	0.9 (33)	0.5 (38)	9.0 (33)	K L M N O P	91.0
ABI700	6	1.0 (36)	1.5 (40)	1.2 (40)	1.5 (39)	1.2 (35)	0.9 (21)	0.6 (33)	8.0 (40)	R	80.7
MEAN		1.21	1.86	1.6	1.73	1.44	0.92	0.84	9.59		
CV		11.8	7	7.6	8.6	11	11	28.9	5.4		
LSD (.05)		0.2	0.18	0.17	0.21	0.22	0.14	0.34	0.73		

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at the Univ. of California Agronomy Farm, Davis, 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.