TABLE 4. 2006 YIELDS, UC DAVIS ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 9/28/05

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
		1-May	25-May	20-Jun	20-Jul	17-Aug	18-Sep	23-Oct	TOTAL		CUF101
	FD	Dry t/a									%
Released Varieties											
Wildcard	8	2.5 (4)	1.6 (26)	1.6 (6)	2.3 (4)	1.9 (2)	1.7 (2)	1.3 (2)	12.8 (1)	A	108.3
Conquistador	8	2.4 (9)	1.7 (20)	1.6 (14)	2.3 (2)	1.8 (17)	1.6 (9)	1.3 (4)	12.5 (3)	A B C	105.9
Saltana(SW9332)	9	2.0 (37)	1.6 (29)	1.5 (20)	2.4 (1)	1.9 (5)	1.7 (4)	1.4 (1)	12.4 (4)	A B C D	105.1
Artisian Sunrise	7	2.3 (11)	1.7 (10)	1.4 (39)	2.3 (3)	1.8 (14)	1.6 (14)	1.2 (9)	12.3 (6)	A B C D E F	103.8
HybriForce-620	6	2.4 (8)	1.7 (15)	1.6 (4)	2.2 (13)	1.8 (10)	1.5 (20)	1.1 (20)	12.2 (9)	B C D E F	103.3
Yosemite	8	2.2 (16)	1.7 (21)	1.5 (22)	2.2 (16)	1.8 (20)	1.6 (7)	1.2 (5)	12.2 (10)	B C D E F	103.0
Magna 788	8	2.4 (6)	1.7 (11)	1.6 (9)	2.1 (24)	1.7 (30)	1.6 (11)	1.2 (11)	12.2 (11)	B C D E F	102.9
WL530HQ	8	2.2 (21)	1.7 (22)	1.5 (24)	2.2 (11)	1.9 (3)	1.6 (10)	1.1 (14)	12.2 (12)	B C D E F	102.9
56S82	6	2.4 (7)	1.8 (2)	1.5 (21)	2.0 (32)	1.8 (23)	1.5 (26)	1.1 (14)	12.0 (17)	C D E F G	101.7
DKA84-10RR	8.4	2.0 (41)	1.7 (13)	1.5 (18)	2.2 (15)	1.8 (16)	1.6 (5)	1.3 (3)	12.0 (18)	C D E F G	101.6
CUF101	9	2.2 (19)	1.5 (42)	1.5 (17)	2.1 (26)	1.8 (7)	1.6 (6)	1.0 (27)	11.8 (24)	E F G H I	100.0
57Q75	7	2.3 (13)	1.7 (5)	1.6 (13)	1.8 (43)	1.9 (1)	1.6 (14)	0.9 (37)	11.8 (25)	F G H I J	99.4
Dura 843	8	2.1 (31)	1.7 (17)	1.5 (16)	2.2 (12)	1.8 (24)	1.5 (25)	1.1 (23)	11.8 (26)	F G H I J	99.2
WL535HQ	8	2.1 (31)	1.6 (33)	1.5 (25)	2.1 (22)	1.7 (33)	1.6 (8)	1.2 (10)	11.7 (27)	F G H I J K	99.0
Sutter	7	2.0 (36)	1.7 (16)	1.4 (36)	2.0 (34)	1.8 (22)	1.4 (31)	1.0 (31)	11.2 (32)	J K L	94.9
DKA50-18	5	2.0 (40)	1.6 (30)	1.4 (33)	2.1 (29)	1.7 (26)	1.4 (33)	1.0 (28)	11.2 (33)	J K L M	94.7
Owyhee	6	2.0 (39)	1.6 (37)	1.4 (32)	2.1 (19)	1.7 (29)	1.3 (34)	1.0 (32)	11.2 (34)	J K L M	94.6
Mountaineer 2.0	5	2.2 (23)	1.7 (8)	1.4 (38)	2.0 (35)	1.7 (32)	1.3 (39)	0.9 (35)	11.2 (35)	K L M N	94.2
DKA41-18RR	4.1	1.9 (42)	1.4 (45)	1.4 (37)	2.2 (14)	1.5 (41)	1.3 (38)	0.9 (38)	10.7 (37)	M N O P	89.9
Lahanton	5	2.0 (38)	1.6 (30)	1.3 (45)	1.9 (37)	1.6 (38)	1.3 (37)	0.8 (43)	10.6 (39)	N O P	89.6
WL357HQ	5	1.9 (43)	1.5 (44)	1.4 (35)	2.0 (36)	1.6 (39)	1.3 (35)	0.8 (41)	10.5 (40)	O P	88.8
DKA33-16	3	2.1 (27)	1.6 (23)	1.4 (34)	1.9 (38)	1.4 (44)	1.1 (45)	0.8 (45)	10.5 (41)	O P	88.5
Dura 512	5	2.2 (17)	1.6 (40)	1.4 (40)	1.9 (42)	1.5 (43)	1.2 (43)	0.8 (44)	10.5 (42)	O P	88.4
DKA42-15	4	2.0 (34)	1.6 (41)	1.4 (42)	1.8 (44)	1.5 (40)	1.2 (41)	0.9 (39)	10.4 (43)	O P	88.0
CW95026	5	2.0 (35)	1.7 (12)	1.4 (41)	1.8 (45)	1.4 (45)	1.1 (44)	0.8 (40)	10.3 (44)	P	86.9
DKA34-17RR	3.4	1.6 (45)	1.6 (37)	1.3 (43)	1.9 (40)	1.5 (42)	1.2 (42)	0.9 (34)	10.1 (45)	P	85.4
Experimental Varieties											
DS588-Hyb	8	2.4 (10)	1.8 (3)	1.6 (10)	2.3 (7)	1.9 (4)	1.6 (13)	1.2 (6)	12.6 (2)	A B	106.6
CW36077	6	2.3 (12)	1.8 (4)	1.6 (2)	2.3 (8)	1.8 (12)	1.5 (18)	1.1 (18)	12.4 (5)	A B C D E	104.5
DS589-Hyb+Optimize	8	2.2 (24)	1.7 (5)	1.6 (7)	2.3 (5)	1.6 (34)	1.7 (3)	1.2 (8)	12.3 (7)	A B C D E F	103.6
DS566-Hyb+Optimize	6	2.5 (2)	1.6 (36)	1.6 (10)	2.2 (9)	1.8 (13)	1.4 (27)	1.1 (21)	12.3 (8)	A B C D E F	103.5
DS566-Hyb	6	2.5 (5)	1.7 (19)	1.6 (12)	2.2 (17)	1.8 (11)	1.4 (29)	1.1 (17)	12.2 (13)	B C D E F	102.9
SW6330	6	2.6 (1)	1.7 (9)	1.5 (27)	2.1 (23)	1.8 (15)	1.5 (19)	1.0 (26)	12.2 (14)	B C D E F	102.8
DS583-Hyb	8	2.3 (14)	1.6 (28)	1.6 (3)	2.3 (6)	1.8 (9)	1.5 (21)	1.1 (19)	12.1 (15)	B C D E F	102.5
DS584-Hyb	8	2.2 (18)	1.8 (1)	1.6 (8)	2.1 (20)	1.8 (19)	1.5 (17)	1.0 (24)	12.1 (16)	B C D E F G	101.8
SW9434	9	2.1 (30)	1.6 (39)	1.5 (15)	2.2 (10)	1.9 (6)	1.7 (1)	1.0 (29)	12.0 (19)	C D E F G	101.5
DS589-Hyb	8	2.2 (21)	1.6 (25)	1.6 (5)	2.1 (25)	1.8 (8)	1.6 (12)	1.1 (22)	12.0 (20)	C D E F G	101.2
DS587-Hyb	8	2.5 (3)	1.7 (14)	1.6 (1)	1.9 (41)	1.6 (36)	1.5 (23)	1.1 (13)	11.9 (21)	D E F G H	100.8
CW17075+Optimize	7	2.1 (33)	1.7 (18)	1.5 (23)	2.1 (18)	1.8 (25)	1.5 (16)	1.2 (7)	11.9 (22)	D E F G H I	100.4
CW25034	5	2.2 (15)	1.6 (27)	1.5 (26)	2.1 (21)	1.8 (18)	1.5 (22)	1.1 (12)	11.9 (23)	D E F G H I	100.3
CW17075	7	2.2 (20)	1.7 (7)	1.5 (28)	2.0 (33)	1.7 (31)	1.5 (24)	1.0 (33)	11.5 (28)	G H I J K	97.3
SW5310	5	2.1 (26)	1.6 (24)	1.5 (19)	2.0 (30)	1.7 (27)	1.4 (32)	1.0 (25)	11.5 (29)	G H I J K	97.0
CW25006	5	2.2 (25)	1.5 (43)	1.5 (29)	2.1 (27)	1.6 (35)	1.4 (28)	1.1 (16)	11.4 (30)	H I J K L	95.9
SW5407	5	2.1 (28)	1.6 (35)	1.5 (31)	2.0 (30)	1.8 (21)	1.4 (30)	1.0 (30)	11.4 (31)	I J K L	95.9
CW94008+Optimize	4	2.1 (29)	1.6 (34)	1.5 (30)	1.9 (39)	1.6 (37)	1.3 (36)	0.9 (36)	10.9 (36)	L M N O	92.0
CW94008	4	1.8 (44)	1.6 (32)	1.3 (44)	2.1 (28)	1.7 (28)	1.2 (40)	0.8 (42)	10.6 (38)	N O P	89.7
MEAN		2.18	1.65	1.49	2.10	1.73	1.45	1.04	11.64		
CV		10.9	8.3	6.7	9.3	7.5	5.1	11.2	4.2		
LSD (0.1)		0.28	NS	0.12	0.23	0.15	0.09	0.14	0.58		

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 10% probability level according to Fishers (protected) LSD.

FD = Fall Dormancy reported by seed companies.