

**TABLE 5. 2007 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	Cut 8	YEAR		% of
		29-Mar	7-May	4-Jun	2-Jul	30-Jul	24-Aug	27-Sep	2-Nov	TOTAL		CUF101
<b>Released Varieties</b>												
	FD	Dry t/a										
Magna 788	7	1.3 (27)	2.0 (4)	2.2 (3)	2.5 (3)	1.8 (8)	1.5 (5)	1.6 (3)	1.1 (15)	14.0 (1)	A	108.5
Wildcard	8	1.5 (7)	2.0 (10)	2.0 (8)	2.2 (16)	1.8 (14)	1.2 (25)	1.7 (1)	1.4 (1)	13.8 (2)	AB	107.1
WL535HQ	8	1.3 (30)	1.9 (29)	2.2 (3)	2.5 (2)	1.8 (9)	1.3 (14)	1.5 (4)	1.1 (13)	13.5 (3)	ABC	104.9
Saltana(SW9332)	9	1.3 (33)	1.9 (30)	2.0 (11)	2.2 (15)	1.7 (19)	1.6 (2)	1.7 (2)	1.2 (5)	13.5 (4)	ABC	104.8
Yosemite	8	1.4 (13)	2.0 (8)	1.9 (14)	2.3 (9)	1.6 (26)	1.4 (10)	1.5 (10)	1.1 (12)	13.2 (9)	ABCD	102.9
WL530HQ	8	1.3 (23)	1.9 (23)	2.0 (9)	2.1 (20)	1.7 (17)	1.4 (9)	1.4 (14)	1.1 (9)	13.1 (10)	ABCDE	101.7
Conquistador	8	1.3 (22)	2.0 (11)	2.0 (7)	1.7 (41)	1.9 (3)	1.4 (7)	1.5 (4)	1.1 (7)	13.0 (11)	ABCDEF	101.5
CUF101	9	1.2 (38)	1.8 (32)	1.7 (41)	2.2 (13)	1.8 (9)	1.4 (8)	1.5 (13)	1.3 (3)	12.9 (15)	ABCDEFGH	100.0
DKA84-10RR	8.4	1.3 (32)	1.9 (20)	1.8 (25)	2.3 (10)	1.7 (18)	1.2 (23)	1.5 (8)	1.0 (19)	12.7 (17)	ABCDEFGH	99.1
Artisian Sunrise	7	1.3 (31)	2.0 (6)	1.9 (16)	2.3 (6)	1.7 (16)	1.1 (33)	1.4 (25)	0.9 (27)	12.7 (18)	ABCDEFGH	98.9
HybriForce-620	6	1.6 (1)	1.9 (24)	1.8 (23)	1.9 (32)	1.9 (7)	1.1 (28)	1.4 (17)	1.0 (21)	12.6 (20)	ABCDEFGH	98.2
56S82	6	1.4 (12)	1.9 (21)	1.9 (13)	2.2 (11)	1.6 (31)	1.1 (35)	1.4 (24)	1.0 (26)	12.5 (22)	BCDEFGH	97.1
57Q75	7	1.2 (36)	1.9 (25)	2.1 (6)	1.8 (38)	2.0 (2)	1.2 (16)	1.4 (22)	0.8 (33)	12.4 (23)	BCDEFGH	96.6
Dura 843	8	1.3 (19)	1.8 (33)	1.8 (20)	1.5 (44)	1.8 (12)	1.3 (13)	1.4 (18)	1.1 (16)	12.1 (28)	DEFGHIJK	94.1
DKA41-18RR	4.1	1.2 (37)	1.7 (43)	1.8 (24)	2.2 (17)	1.5 (34)	1.1 (30)	1.4 (15)	0.9 (31)	11.8 (31)	EFGHIJKLM	91.9
Owyhee	6	1.3 (20)	1.9 (25)	1.9 (19)	2.0 (28)	1.6 (24)	1.0 (41)	1.3 (32)	0.6 (43)	11.7 (34)	EFGHIJKLMN	91.1
Mountaineer 2.0	5	1.3 (24)	1.9 (27)	1.7 (35)	2.2 (18)	1.4 (39)	1.2 (24)	1.3 (34)	0.7 (39)	11.7 (35)	FGHIJKLMN	90.7
DKA50-18	5	1.4 (8)	2.0 (18)	1.7 (37)	2.0 (24)	1.5 (36)	0.9 (45)	1.2 (41)	0.8 (34)	11.6 (36)	GHIJKLMN	90.5
Lahanton	5	1.4 (16)	1.7 (42)	1.8 (30)	2.1 (23)	1.5 (35)	1.2 (15)	1.3 (34)	0.7 (40)	11.6 (37)	GHIJKLMN	90.3
Sutter	7	1.2 (42)	1.8 (37)	2.0 (12)	1.7 (42)	1.7 (21)	1.2 (17)	1.2 (40)	0.8 (35)	11.5 (38)	HJKLMN	89.8
WL357HQ	5	1.4 (17)	1.7 (44)	1.8 (29)	2.2 (14)	1.3 (43)	1.2 (18)	1.3 (38)	0.7 (38)	11.5 (39)	IJKLMN	89.1
DKA42-15	4	1.2 (43)	1.8 (38)	1.7 (38)	1.8 (37)	1.6 (29)	0.9 (43)	1.2 (43)	0.7 (37)	10.9 (40)	JJKLMN	85.1
Dura 512	5	1.2 (39)	1.8 (34)	1.7 (34)	1.8 (36)	1.3 (42)	1.1 (34)	1.3 (36)	0.7 (36)	10.9 (41)	JJKLMN	85.0
DKA33-16	3	1.1 (45)	1.6 (45)	1.5 (45)	1.9 (31)	1.5 (37)	1.1 (29)	1.3 (37)	0.6 (44)	10.7 (43)	LMN	82.9
CW95026	5	1.5 (5)	1.7 (41)	1.7 (32)	1.5 (45)	1.2 (45)	1.0 (37)	1.2 (42)	0.6 (42)	10.5 (44)	MN	82.0
DKA34-17RR	3.4	1.2 (44)	1.8 (36)	1.9 (18)	1.6 (43)	1.2 (44)	1.2 (22)	1.0 (45)	0.5 (45)	10.4 (45)	N	80.9
<b>Experimental Varieties</b>												
DS589-Hyb+Optimize	8	1.4 (11)	2.0 (15)	2.2 (1)	1.9 (30)	1.8 (11)	1.6 (1)	1.5 (7)	1.0 (20)	13.4 (5)	ABCD	104.3
DS589-Hyb	8	1.3 (18)	2.0 (14)	2.0 (10)	2.1 (22)	1.8 (13)	1.4 (11)	1.5 (11)	1.3 (2)	13.4 (6)	ABCD	104.1
DS583-Hyb	8	1.3 (25)	2.0 (5)	2.2 (1)	2.8 (1)	1.6 (27)	1.2 (19)	1.3 (33)	1.0 (25)	13.4 (7)	ABCD	103.9
SW9434	9	1.2 (40)	1.8 (38)	1.6 (44)	2.1 (19)	2.3 (1)	1.5 (4)	1.5 (6)	1.3 (4)	13.2 (8)	ABCD	103.1
DS566-Hyb	6	1.5 (5)	2.0 (9)	1.8 (22)	2.3 (7)	1.9 (6)	1.2 (20)	1.4 (27)	0.9 (29)	13.0 (12)	ABCDEFG	101.2
DS588-Hyb	8	1.5 (4)	2.0 (7)	1.9 (15)	1.8 (40)	1.9 (4)	1.5 (6)	1.3 (31)	1.1 (10)	13.0 (13)	ABCDEFG	101.1
DS584-Hyb	8	1.5 (2)	2.1 (2)	2.1 (5)	2.2 (12)	1.6 (27)	1.0 (38)	1.4 (19)	1.0 (22)	12.9 (14)	ABCDEFGH	100.4
CW17075+Optimize	7	1.3 (21)	2.0 (16)	1.8 (27)	2.4 (4)	1.6 (30)	1.2 (21)	1.5 (9)	0.9 (28)	12.7 (16)	ABCDEFGH	99.2
DS566-Hyb+Optimize	6	1.5 (3)	2.0 (17)	1.8 (26)	2.0 (27)	1.7 (20)	1.5 (3)	1.3 (30)	0.9 (30)	12.7 (19)	ABCDEFGH	98.8
CW36077	6	1.4 (15)	2.1 (3)	1.8 (31)	1.8 (39)	1.9 (5)	1.3 (12)	1.4 (23)	1.0 (18)	12.6 (21)	ABCDEFGH	98.0
SW5407	5	1.4 (9)	2.0 (13)	1.9 (17)	1.8 (33)	1.6 (25)	1.0 (39)	1.4 (20)	1.1 (8)	12.4 (24)	DEFGH	96.1
DS587-Hyb	8	1.4 (10)	2.1 (1)	1.7 (40)	2.0 (26)	1.5 (38)	1.2 (26)	1.4 (26)	1.1 (16)	12.3 (25)	DEFGHIJ	96.0
SW6330	6	1.3 (29)	1.9 (22)	1.7 (33)	2.3 (8)	1.5 (33)	1.0 (41)	1.4 (16)	1.1 (10)	12.3 (26)	DEFGHIJ	95.9
CW25006	5	1.3 (26)	2.0 (12)	1.8 (21)	1.8 (35)	1.8 (15)	1.1 (36)	1.2 (39)	1.1 (14)	12.1 (27)	DEFGHIJK	94.5
CW94008+Optimize	4	1.4 (14)	1.8 (35)	1.6 (42)	2.3 (5)	1.3 (41)	1.2 (27)	1.5 (12)	1.0 (23)	12.1 (29)	DEFGHIJKL	93.8
CW17075	7	1.3 (35)	1.8 (31)	1.7 (39)	2.1 (21)	1.7 (23)	1.1 (31)	1.4 (21)	1.0 (24)	12.0 (30)	DEFGHIJKL	93.3
SW5310	5	1.2 (41)	2.0 (19)	1.7 (36)	2.0 (25)	1.7 (22)	1.0 (40)	1.3 (29)	0.8 (32)	11.8 (32)	EFGHIJKLMN	91.8
CW25034	5	1.3 (28)	1.9 (28)	1.6 (43)	1.8 (34)	1.5 (32)	1.1 (32)	1.4 (28)	1.2 (6)	11.8 (33)	EFGHIJKLMN	91.6
CW94008	4	1.3 (34)	1.8 (40)	1.8 (28)	1.9 (29)	1.3 (40)	0.9 (44)	1.1 (44)	0.7 (41)	10.8 (42)	KLMN	83.9
MEAN		1.33	1.90	1.85	2.05	1.64	1.21	1.38	0.95	12.33		
CV		10.8	7.7	16.7	27.6	19.9	26.3	15.9	17.9	9.6		
LSD (0.1)		0.17	0.17	NS	NS	0.39	NS	0.26	0.20	1.41		

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.