

TABLE 2. 2008 Yields, UC Davis Alfalfa Cultivar Trial (Trial planted Sept. 28, 2005)

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
		7-Apr	5-May	4-Jun	26-Jun	25-Jul	22-Aug	26-Sep	TOTAL	CUF101
	FD	Dry t/a								%
Released Varieties										
WL535HQ	8	1.5 (9)	1.2 (23)	1.3 (34)	1.2 (6)	1.8 (3)	1.3 (3)	1.1 (10)	9.4 (1)	108.8
Magna 788	8	1.5 (8)	1.1 (31)	1.4 (8)	1.3 (5)	2.0 (1)	0.8 (40)	1.2 (5)	9.4 (2)	108.7
Wildcard	8	1.0 (43)	1.1 (27)	1.4 (20)	1.2 (7)	1.6 (17)	1.2 (7)	1.5 (1)	9.0 (6)	104.2
Saltana(SW9332)	9	1.2 (26)	1.0 (39)	1.1 (44)	1.4 (1)	1.9 (2)	1.0 (23)	1.2 (7)	8.8 (10)	101.7
WL530HQ	8	1.0 (44)	1.2 (13)	1.4 (16)	1.0 (26)	1.7 (11)	1.2 (6)	1.2 (4)	8.7 (12)	100.9
CUF101	9	1.0 (42)	1.1 (29)	1.3 (30)	1.0 (34)	1.7 (14)	1.4 (2)	1.2 (8)	8.6 (16)	100.0
Artisian Sunrise	7	1.2 (25)	1.1 (28)	1.3 (29)	1.3 (2)	1.6 (16)	0.9 (31)	1.1 (13)	8.6 (18)	99.0
56S82	6	1.4 (13)	1.2 (14)	1.4 (22)	1.0 (27)	1.5 (28)	1.0 (21)	1.0 (18)	8.5 (19)	98.1
DKA50-18	5	1.1 (35)	1.2 (11)	1.4 (19)	1.0 (24)	1.5 (30)	1.2 (5)	1.0 (21)	8.5 (21)	98.0
HybriForce-620	6	1.3 (18)	1.2 (10)	1.5 (1)	0.9 (35)	1.7 (13)	0.9 (34)	0.9 (29)	8.4 (23)	97.7
Yosemite	8	1.1 (41)	1.2 (17)	1.2 (36)	0.9 (36)	1.6 (21)	1.3 (4)	1.2 (9)	8.4 (24)	97.5
Conquistador	8	1.2 (29)	1.2 (15)	1.2 (42)	1.1 (23)	1.7 (10)	1.0 (16)	1.1 (11)	8.4 (25)	96.9
Owyhee	6	1.6 (6)	1.2 (19)	1.4 (11)	0.9 (39)	1.5 (29)	0.9 (28)	0.9 (33)	8.3 (26)	96.5
Dura 843	8	1.1 (32)	1.2 (9)	1.2 (37)	1.2 (11)	1.5 (36)	1.0 (13)	1.0 (22)	8.3 (28)	95.9
57Q75	7	1.1 (37)	0.9 (43)	1.5 (6)	1.1 (14)	1.7 (8)	1.0 (18)	0.9 (25)	8.3 (29)	95.5
Mountaineer 2.0	5	1.4 (14)	1.2 (21)	1.5 (2)	0.8 (43)	1.6 (26)	0.9 (29)	0.9 (28)	8.3 (31)	95.4
DKA84-10RR	8.4	1.1 (40)	1.1 (34)	1.2 (40)	1.2 (12)	1.6 (18)	0.9 (26)	0.9 (30)	8.0 (34)	92.6
DKA41-18RR	4.1	0.9 (45)	1.0 (38)	1.3 (35)	1.3 (4)	1.6 (22)	1.0 (13)	0.8 (35)	7.9 (35)	91.0
DKA42-15	4	1.2 (27)	1.1 (33)	1.4 (13)	1.0 (32)	1.4 (40)	1.0 (22)	0.8 (40)	7.9 (36)	91.0
WL357HQ	5	1.1 (33)	1.0 (36)	1.4 (9)	0.8 (42)	1.6 (20)	0.8 (42)	1.1 (14)	7.8 (37)	90.8
DKA34-17RR	3.4	1.2 (30)	1.2 (20)	1.4 (7)	0.8 (41)	1.4 (41)	1.0 (19)	0.8 (44)	7.8 (38)	90.2
Sutter	7	1.1 (34)	0.9 (44)	1.4 (11)	1.0 (33)	1.5 (34)	0.9 (36)	0.8 (43)	7.6 (40)	88.1
DKA33-16	3	1.3 (19)	1.1 (35)	1.2 (41)	0.9 (38)	1.4 (38)	0.9 (37)	0.8 (39)	7.6 (41)	87.8
CW95026	5	1.3 (20)	0.9 (45)	1.4 (10)	1.0 (30)	1.4 (42)	0.7 (43)	0.8 (42)	7.6 (42)	87.4
Lahanton	5	1.4 (12)	1.1 (32)	1.2 (43)	1.0 (25)	1.7 (12)	0.5 (45)	0.7 (45)	7.5 (43)	87.3
Dura 512	5	1.1 (38)	1.0 (42)	1.3 (28)	0.8 (44)	1.6 (27)	0.9 (27)	0.8 (38)	7.4 (44)	85.9
Experimental Varieties										
DS588-Hyb	8	1.8 (1)	1.4 (2)	1.4 (18)	1.1 (15)	1.6 (24)	1.0 (17)	0.9 (26)	9.2 (3)	106.5
DS584-Hyb	8	1.4 (15)	1.3 (4)	1.5 (5)	1.2 (9)	1.7 (7)	1.1 (11)	1.0 (20)	9.1 (4)	105.6
DS566-Hyb	6	1.8 (2)	1.2 (16)	1.5 (3)	1.0 (31)	1.7 (15)	0.9 (33)	1.0 (16)	9.0 (5)	104.4
DS583-Hyb(HybriForce 700)	8	1.6 (5)	1.3 (6)	1.3 (23)	1.0 (28)	1.8 (4)	1.0 (20)	1.0 (17)	9.0 (7)	104.1
CW36077	6	1.6 (3)	1.4 (3)	1.3 (32)	1.1 (16)	1.5 (33)	1.1 (10)	0.9 (23)	9.0 (8)	103.6
DS589-Hyb+Optimize	8	1.1 (39)	1.2 (7)	1.4 (14)	1.2 (10)	1.7 (6)	0.9 (35)	1.2 (6)	8.8 (9)	101.7
SW9434	9	1.1 (36)	1.0 (40)	1.3 (24)	1.1 (18)	1.5 (35)	1.4 (1)	1.3 (2)	8.7 (11)	101.2
CW17075	7	1.5 (7)	1.1 (25)	1.4 (17)	1.1 (22)	1.7 (9)	0.9 (30)	0.9 (27)	8.7 (13)	100.4
DS587-Hyb	8	1.3 (21)	1.2 (23)	1.3 (25)	1.1 (21)	1.4 (43)	1.2 (9)	1.3 (3)	8.7 (14)	100.4
DS566-Hyb+Optimize	6	1.3 (22)	1.2 (12)	1.5 (4)	1.1 (17)	1.7 (5)	0.9 (38)	1.0 (19)	8.6 (15)	100.0
SW6330	6	1.2 (24)	1.2 (21)	1.3 (33)	1.2 (8)	1.6 (25)	1.2 (8)	1.0 (15)	8.6 (17)	99.9
CW17075+Optimize	7	1.4 (11)	1.2 (18)	1.4 (21)	1.1 (20)	1.5 (32)	1.0 (15)	0.9 (32)	8.5 (20)	98.0
CW25006	5	1.5 (10)	1.2 (8)	1.2 (39)	1.1 (13)	1.5 (31)	1.1 (12)	0.8 (37)	8.5 (22)	97.7
CW94008+Optimize	4	1.2 (23)	1.5 (1)	1.3 (31)	0.9 (40)	1.6 (23)	1.0 (24)	0.9 (24)	8.3 (27)	95.9
SW5310	5	1.2 (31)	1.3 (5)	1.3 (26)	1.3 (3)	1.4 (39)	0.9 (25)	0.8 (34)	8.3 (30)	95.4
CW94008	4	1.6 (4)	1.0 (41)	1.4 (15)	1.1 (19)	1.5 (37)	0.8 (39)	0.8 (41)	8.2 (32)	94.6
DS589-Hyb	8	1.2 (28)	1.1 (26)	1.2 (38)	0.9 (37)	1.6 (19)	0.9 (32)	1.1 (12)	8.1 (33)	93.2
SW5407	5	1.4 (17)	1.0 (37)	1.3 (27)	1.0 (29)	1.4 (44)	0.8 (41)	0.9 (31)	7.8 (39)	89.9
CW25034	5	1.4 (16)	1.1 (30)	1.1 (45)	0.7 (45)	1.4 (45)	0.7 (44)	0.8 (36)	7.2 (45)	83.0
MEAN		1.29	1.14	1.34	1.06	1.60	0.98	0.98	8.38	
CV		27.9	21.0	16.1	22.1	19.3	24.8	26.6	11.1	
LSD (0.1)		0.43	NS	NS	0.28	NS	0.29	0.31	NS	

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.