

TABLE 4. 2009 Yields, UC Davis Alfalfa Cultivar Trial. Trial planted 09/25/08

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
	FD	17-Apr	12-May	15-Jun	13-Jul	17-Aug	25-Sep	9-Nov	TOTAL		CUF 101
		Dry t/a									%
Released Varieties											
Magna 801 FQ	8	2.0 (7)	1.6 (11)	2.5 (7)	1.9 (11)	2.6 (2)	1.7 (4)	0.9 (10)	13.1 (1)	A	137.6
HybriForce 620	6	2.0 (8)	1.7 (5)	2.5 (3)	1.9 (5)	2.4 (7)	1.6 (12)	0.8 (22)	13.0 (2)	A	136.5
WL 530HQ	8	1.8 (16)	1.7 (2)	2.4 (12)	1.9 (7)	2.2 (14)	1.7 (3)	0.9 (11)	12.7 (3)	AB	133.8
PGI 709	7	1.9 (9)	1.6 (12)	2.3 (25)	1.8 (14)	2.5 (4)	1.6 (10)	0.9 (21)	12.5 (5)	ABCD	132.2
HybriForce 800	8	2.1 (2)	1.5 (15)	2.5 (6)	1.6 (22)	2.4 (8)	1.5 (27)	0.9 (19)	12.4 (7)	ABCDEF	130.8
Arriba II	7	2.1 (3)	1.6 (8)	2.2 (31)	1.3 (41)	2.5 (5)	1.7 (2)	0.9 (5)	12.3 (9)	ABCDEF G	130.1
8R100	8	1.7 (25)	1.5 (19)	2.5 (8)	1.8 (17)	2.4 (6)	1.6 (8)	0.8 (25)	12.3 (10)	ABCDEFGH	129.6
56S82	6	2.1 (3)	1.5 (16)	2.5 (11)	1.8 (15)	2.2 (17)	1.5 (26)	0.7 (32)	12.3 (11)	ABCDEFGHI	129.3
PGI 608	6	1.7 (28)	1.7 (3)	2.4 (13)	1.9 (9)	2.2 (17)	1.4 (32)	0.8 (30)	12.2 (13)	ABCDEFGHIJK	128.2
58R51 RR	8	1.6 (36)	1.4 (22)	2.4 (17)	1.5 (30)	2.7 (1)	1.7 (5)	0.9 (15)	12.1 (16)	ABCDEFGHIJK	127.7
Pacifico	9	1.7 (23)	1.6 (9)	2.3 (26)	1.9 (8)	2.1 (23)	1.5 (17)	0.9 (16)	12.1 (18)	ABCDEFGHIJK	127.3
Conquistador	8	1.7 (31)	1.5 (14)	2.3 (22)	1.6 (25)	2.2 (20)	1.9 (1)	1.0 (3)	12.1 (19)	ABCDEFGHIJK	127.1
Integra 8800	8	1.9 (12)	1.4 (26)	2.4 (14)	1.3 (42)	2.6 (2)	1.6 (9)	0.9 (8)	12.0 (20)	ABCDEFGHIJKL	126.6
Archer III	5	1.8 (22)	1.3 (29)	2.5 (9)	1.9 (6)	2.0 (29)	1.5 (30)	0.7 (36)	11.6 (21)	BCDEFGHIJKLM	122.7
Magna 788	7	1.6 (34)	1.3 (33)	2.2 (32)	1.6 (19)	2.4 (9)	1.5 (16)	0.7 (31)	11.4 (22)	CDEFGHIJKLMN	120.5
Tango		1.8 (20)	1.4 (27)	2.4 (15)	1.5 (26)	2.0 (30)	1.5 (21)	0.8 (29)	11.4 (23)	DEFGHIJKLMNO	120.2
Magna 995	9	1.8 (19)	1.2 (40)	2.1 (41)	1.8 (13)	2.0 (30)	1.5 (22)	0.9 (20)	11.3 (24)	DEFGHIJKLMNO	119.3
GrandSlam	8	1.7 (32)	1.3 (33)	2.0 (44)	2.0 (1)	2.1 (25)	1.5 (25)	0.7 (34)	11.3 (26)	EFGHIJKLMNOP	119.0
Artesian Sunrise	7	1.9 (10)	1.4 (24)	2.5 (5)	1.1 (44)	2.0 (28)	1.4 (31)	0.8 (22)	11.3 (27)	EFGHIJKLMNOP	119.0
Integra 8600	6	1.7 (26)	1.2 (36)	2.4 (16)	1.3 (38)	2.1 (24)	1.6 (6)	0.8 (26)	11.2 (29)	F GHIJKLMNOP	118.4
HybriForce 700	7	1.9 (13)	1.2 (39)	2.2 (30)	1.7 (18)	1.7 (40)	1.5 (19)	0.8 (28)	11.1 (31)	GHIJKLMNOP	117.3
Integra 8801R	8	1.5 (40)	1.2 (38)	2.2 (36)	1.6 (23)	2.1 (21)	1.6 (14)	0.9 (18)	11.0 (33)	IJKLMNO PQ	116.3
Sutter	6	1.7 (29)	1.3 (35)	2.3 (24)	1.3 (37)	2.1 (22)	1.3 (37)	0.9 (17)	10.9 (35)	KLMNOPQR	115.3
Dura 843	8	1.6 (33)	1.5 (20)	2.4 (18)	1.5 (31)	2.0 (33)	1.4 (36)	0.5 (40)	10.8 (36)	LMNOPQR	113.7
Cisco	6	1.8 (21)	1.2 (41)	2.5 (9)	1.6 (24)	1.7 (42)	1.3 (42)	0.5 (43)	10.4 (37)	MNOPQRS	110.0
Lightning IV		1.7 (27)	1.3 (31)	2.2 (34)	1.4 (35)	1.8 (39)	1.3 (40)	0.6 (38)	10.3 (38)	NOPQRST	109.0
DKA 50-18	5	1.5 (41)	1.3 (30)	2.3 (29)	1.5 (31)	1.6 (43)	1.6 (7)	0.6 (39)	10.3 (39)	NOPQRST	108.1
4R200		1.1 (45)	1.2 (37)	2.2 (40)	1.9 (4)	1.9 (37)	1.3 (39)	0.5 (42)	10.2 (40)	OPQRST	107.5
TruTest	6	1.5 (38)	1.1 (44)	2.2 (39)	1.3 (40)	1.9 (34)	1.4 (34)	0.7 (37)	10.1 (41)	PQRST	106.2
Integra 8401R	8	1.4 (43)	1.3 (32)	2.2 (35)	1.4 (36)	1.9 (38)	1.2 (44)	0.5 (44)	9.8 (42)	QRST	103.5
WL 440HQ	5	1.6 (37)	1.4 (28)	2.2 (37)	1.3 (39)	1.9 (36)	1.1 (45)	0.4 (45)	9.7 (43)	RST	102.7
Cuf 101	9	1.5 (39)	1.1 (43)	2.0 (45)	1.0 (45)	1.5 (45)	1.3 (38)	0.9 (7)	9.5 (44)	ST	100.0
6R100	6	1.2 (44)	1.2 (42)	2.2 (38)	1.2 (43)	1.6 (44)	1.3 (43)	0.5 (41)	9.2 (45)	T	96.7
Experimental Varieties											
DS 067348	8	2.0 (5)	1.7 (6)	2.4 (18)	1.9 (12)	2.3 (13)	1.6 (13)	0.9 (12)	12.7 (4)	ABC	133.5
SW 9812	9	2.1 (1)	1.8 (1)	2.3 (20)	1.4 (34)	2.3 (12)	1.6 (15)	1.0 (1)	12.5 (6)	ABCDE	131.7
FG 83T048	8	1.8 (15)	1.7 (4)	2.3 (21)	2.0 (3)	2.2 (19)	1.5 (27)	0.9 (9)	12.4 (8)	ABCDEF	130.6
SW 9813	9	1.7 (24)	1.6 (7)	2.5 (4)	1.5 (28)	2.3 (11)	1.6 (10)	1.0 (2)	12.2 (12)	ABCDEFGH I J	128.7
DS 077601	8	2.0 (6)	1.4 (21)	2.6 (2)	1.6 (20)	2.1 (26)	1.5 (18)	0.9 (14)	12.2 (14)	ABCDEFGHIJK	128.1
SW 9803	9	1.6 (35)	1.5 (17)	2.3 (23)	1.9 (10)	2.3 (10)	1.5 (24)	0.9 (4)	12.1 (15)	ABCDEFGHIJK	127.8
DS 071842	6	1.8 (17)	1.6 (10)	2.6 (1)	1.6 (21)	2.2 (15)	1.5 (23)	0.7 (35)	12.1 (17)	ABCDEFGHIJK	127.5
SW 9816	9	1.9 (14)	1.5 (18)	2.1 (43)	1.5 (29)	2.0 (32)	1.5 (29)	0.9 (6)	11.3 (25)	EFGHIJKLMNOP	119.0
CW 26089	6	1.7 (30)	1.1 (45)	2.3 (28)	1.8 (16)	2.2 (16)	1.5 (20)	0.7 (33)	11.3 (28)	EFGHIJKLMNOP	118.7
CW 38065	8	1.8 (18)	1.5 (13)	2.3 (27)	1.4 (33)	1.9 (34)	1.4 (35)	0.9 (13)	11.2 (30)	F GHIJKLMNOP	118.3
CW 27092	7	1.4 (42)	1.4 (23)	2.1 (42)	2.0 (2)	2.0 (27)	1.3 (41)	0.8 (27)	11.1 (32)	HIJKLMNOP	116.7
DS 067092	8	1.9 (11)	1.4 (25)	2.2 (33)	1.5 (27)	1.7 (41)	1.4 (33)	0.8 (24)	11.0 (34)	J KLMNOP Q	116.1
MEAN		1.74	1.42	2.32	1.60	2.11	1.49	0.78	11.47		
CV		16.0	21.8	10.3	25.6	16.2	16.0	14.4	9.1		
LSD (0.1)		0.33	0.37	0.29	0.49	0.41	0.28	0.13	1.24		

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.