

TABLE 5. 2009-2010 YIELDS. UC DAVIS ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 9/25/01

		2009	2010	Average		% of
	FD	Yield	Yield			CUF 101
			Dry t/a			%
Released Varieties						
HybriForce 620	6	13.0 (2)	10.5 (1)	11.7 (1)	A	128.2
Magna 801 FQ	8	13.1 (1)	9.8 (13)	11.4 (2)	A B	125.0
PGI 709	7	12.5 (5)	10.1 (8)	11.3 (4)	A B C	123.4
WL 530HQ	8	12.7 (3)	9.8 (15)	11.2 (5)	A B C D	122.9
HybriForce 800	8	12.4 (7)	10.0 (9)	11.2 (6)	A B C D E	122.6
58R51 RR	8	12.1 (16)	10.3 (3)	11.2 (8)	A B C D E	122.5
Conquistador	8	12.1 (19)	10.2 (4)	11.1 (9)	A B C D E F	121.7
Integra 8800	8	12.0 (20)	10.2 (5)	11.1 (10)	A B C D E F	121.2
Arriba II	7	12.3 (9)	9.4 (22)	10.9 (13)	A B C D E F G H I	118.5
56S82	6	12.3 (11)	9.3 (25)	10.8 (15)	B C D E F G H I	117.6
Pacifico	9	12.1 (18)	9.3 (23)	10.7 (17)	B C D E F G H I J	117.0
GrandSlam	8	11.3 (26)	10.1 (6)	10.7 (19)	B C D E F G H I J	116.7
HybriForce 700	7	11.1 (31)	10.1 (7)	10.6 (20)	B C D E F G H I J	115.8
Magna 788	7	11.4 (22)	9.7 (18)	10.6 (22)	B C D E F G H I J	115.4
8R100	8	12.3 (10)	8.8 (38)	10.6 (24)	B C D E F G H I J	115.3
Integra 8600	6	11.2 (29)	9.8 (14)	10.5 (25)	C D E F G H I J K	114.9
PGI 608	6	12.2 (13)	8.9 (37)	10.5 (26)	C D E F G H I J K	114.7
Tango	6	11.4 (23)	9.5 (19)	10.5 (27)	C D E F G H I J K	114.3
Archer III	5	11.6 (21)	9.0 (32)	10.3 (29)	E F G H I J K L	112.8
Artesian Sunrise	7	11.3 (27)	9.3 (24)	10.3 (30)	F G H I J K L	112.5
Magna 995	9	11.3 (24)	9.3 (27)	10.3 (31)	F G H I J K L	112.3
Sutter	6	10.9 (35)	9.2 (28)	10.1 (34)	I J K L M N	110.0
Integra 8801R	8	11.0 (33)	9.0 (34)	10.0 (35)	I J K L M N O	109.4
Dura 843	8	10.8 (36)	8.9 (35)	9.8 (36)	J K L M N O P	107.4
Cisco	6	10.4 (37)	8.9 (36)	9.6 (37)	K L M N O P Q	105.3
TruTest	6	10.1 (41)	9.0 (31)	9.5 (38)	L M N O P Q	104.3
Lightning IV	4	10.3 (38)	8.7 (40)	9.5 (39)	L M N O P Q	103.9
DKA 50-18	5	10.3 (39)	8.4 (42)	9.3 (40)	M N O P Q R	102.1
WL 440HQ	5	9.7 (43)	8.7 (41)	9.2 (41)	N O P Q R	100.5
Cuf 101	9	9.5 (44)	8.8 (39)	9.2 (42)	O P Q R	100.0
4R200	4	10.2 (40)	8.0 (43)	9.1 (43)	P Q R	99.4
Integra 8401R	4	9.8 (42)	7.8 (45)	8.8 (44)	Q R	96.4
6R100	6	9.2 (45)	7.9 (44)	8.6 (45)	R	93.4
Experimental Varieties						
DS 067348	8	12.7 (4)	10.0 (10)	11.3 (3)	A B C	123.7
SW 9812	9	12.5 (6)	9.9 (11)	11.2 (7)	A B C D E	122.5
FG 83T048	8	12.4 (8)	9.8 (16)	11.1 (11)	A B C D E F G	121.1
SW 9813	9	12.2 (12)	9.8 (17)	11.0 (12)	A B C D E F G H	120.0
DS 071842	6	12.1 (17)	9.5 (20)	10.8 (14)	B C D E F G H I	117.7
DS 077601	8	12.2 (14)	9.3 (26)	10.7 (16)	B C D E F G H I J	117.0
DS 067092	8	11.0 (34)	10.4 (2)	10.7 (18)	B C D E F G H I J	116.9
SW 9803	9	12.1 (15)	9.0 (33)	10.6 (21)	B C D E F G H I J	115.4
CW 38065	8	11.2 (30)	9.9 (12)	10.6 (23)	B C D E F G H I J	115.4
SW 9816	9	11.3 (25)	9.4 (21)	10.4 (28)	D E F G H I J K L	113.2
CW 26089	6	11.3 (28)	9.1 (30)	10.2 (32)	G H I J K L M	111.3
CW 27092	7	11.1 (32)	9.1 (29)	10.1 (33)	H I J K L M N	110.3
MEAN		11.47	9.38	10.42		
CV		9.1	8.1	7.3		
LSD (0.1)		1.24	0.91	0.91		

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.