

2009-2011 YIELDS. UC DAVIS ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 09/25/08

		2009	2010	2011	Average		% of
	FD	Yield	Yield	Yield			CUF 101
			Dry t/a				%
Released Varieties							
HybriForce 620	6	13.0 (2)	10.5 (1)	11.4 (1)	11.6 (1)	A	136.6
Magna 801 FQ	8	13.1 (1)	9.8 (13)	10.4 (7)	11.1 (4)	A B C	130.4
PGI 709	7	12.5 (5)	10.1 (8)	10.4 (6)	11.0 (5)	A B C D	129.2
HybriForce 800	8	12.4 (7)	10.0 (9)	10.4 (5)	10.9 (6)	A B C D E	128.7
Conquistador	8	12.1 (19)	10.2 (4)	10.2 (9)	10.8 (7)	A B C D E F	127.4
58R51 RR	8	12.1 (16)	10.3 (3)	9.8 (25)	10.7 (9)	B C D E F G	126.3
Integra 8800	8	12.0 (20)	10.2 (5)	10.0 (17)	10.7 (10)	B C D E F G	126.2
Arriba II	7	12.3 (9)	9.4 (22)	10.1 (14)	10.6 (12)	B C D E F G H	124.6
WL 530HQ	8	12.7 (3)	9.8 (15)	9.3 (37)	10.6 (13)	B C D E F G H	124.4
GrandSlam	8	11.3 (26)	10.1 (6)	10.2 (11)	10.5 (14)	B C D E F G H	123.5
HybriForce 700	7	11.1 (31)	10.1 (7)	10.2 (10)	10.5 (16)	B C D E F G H I	123.1
Pacifico	9	12.1 (18)	9.3 (23)	9.9 (18)	10.5 (17)	B C D E F G H I	122.9
PGI 608	6	12.2 (13)	8.9 (37)	10.3 (8)	10.4 (18)	B C D E F G H I	122.6
56S82	6	12.3 (11)	9.3 (25)	9.4 (34)	10.3 (21)	C D E F G H I J	121.1
Archer III	5	11.6 (21)	9.0 (32)	10.1 (15)	10.3 (22)	D E F G H I J	120.5
Artesian Sunrise	7	11.3 (27)	9.3 (24)	9.9 (19)	10.2 (26)	D E F G H I J K	119.6
Integra 8600	6	11.2 (29)	9.8 (14)	9.4 (33)	10.2 (27)	E F G H I J K	119.3
8R100	8	12.3 (10)	8.8 (38)	9.2 (39)	10.1 (28)	F G H I J K	118.8
Magna 995	9	11.3 (24)	9.3 (27)	9.7 (26)	10.1 (29)	F G H I J K	118.7
Tango	6	11.4 (23)	9.5 (19)	9.0 (40)	10.0 (32)	G H I J K	117.4
Integra 8801R	8	11.0 (33)	9.0 (34)	9.8 (24)	10.0 (33)	G H I J K	117.0
Cisco	6	10.4 (37)	8.9 (36)	10.5 (4)	9.9 (34)	G H I J K	116.7
Magna 788	7	11.4 (22)	9.7 (18)	8.6 (43)	9.9 (35)	H I J K	116.4
Sutter	6	10.9 (35)	9.2 (28)	9.6 (29)	9.9 (36)	H I J K	116.4
Dura 843	8	10.8 (36)	8.9 (35)	9.3 (35)	9.7 (37)	I J K L	113.5
TruTest	6	10.1 (41)	9.0 (31)	9.7 (28)	9.6 (38)	J K L	112.6
Lightning IV	4	10.3 (38)	8.7 (40)	9.5 (31)	9.5 (39)	J K L	111.7
DKA 50-18	5	10.3 (39)	8.4 (42)	9.5 (32)	9.4 (40)	K L	110.4
WL 440HQ	5	9.7 (43)	8.7 (41)	8.6 (42)	9.0 (41)	L M	105.9
Integra 8401R	8	9.8 (42)	7.8 (45)	9.2 (38)	9.0 (42)	L M	105.3
4R200	4	10.2 (40)	8.0 (43)	8.6 (41)	8.9 (43)	L M	105.1
Cuf 101	9	9.5 (44)	8.8 (39)	7.2 (45)	8.5 (44)	M	100.0
6R100	6	9.2 (45)	7.9 (44)	8.4 (44)	8.5 (45)	M	99.7
Experimental Varieties							
DS 067348	8	12.7 (4)	10.0 (10)	10.9 (3)	11.2 (2)	A B	131.3
SW 9812	9	12.5 (6)	9.9 (11)	10.9 (2)	11.1 (3)	A B C	130.6
FG 83T048	8	12.4 (8)	9.8 (16)	10.1 (16)	10.7 (8)	B C D E F G	126.3
SW 9813	9	12.2 (12)	9.8 (17)	9.9 (23)	10.6 (11)	B C D E F G H	124.7
DS 077601	8	12.2 (14)	9.3 (26)	10.1 (13)	10.5 (15)	B C D E F G H	123.5
CW 38065	8	11.2 (30)	9.9 (12)	10.1 (12)	10.4 (19)	B C D E F G H I	122.4
DS 071842	6	12.1 (17)	9.5 (20)	9.7 (27)	10.4 (20)	B C D E F G H I	122.3
DS 067092	8	11.0 (34)	10.4 (2)	9.3 (36)	10.2 (23)	D E F G H I J	120.3
SW 9803	9	12.1 (15)	9.0 (33)	9.5 (30)	10.2 (24)	D E F G H I J	120.1
SW 9816	9	11.3 (25)	9.4 (21)	9.9 (21)	10.2 (25)	D E F G H I J K	120.0
CW 26089	6	11.3 (28)	9.1 (30)	9.9 (22)	10.1 (30)	F G H I J K	118.5
CW 27092	7	11.1 (32)	9.1 (29)	9.9 (20)	10.0 (31)	F G H I J K	118.0
MEAN		11.47	9.38	9.73	10.19		
CV		9.1	8.1	9.2	6.8		
LSD (0.1)		1.24	0.91	1.07	0.82		

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.