

TABLE 6. 2006-2007 Yields, UC Davis Alfalfa Cultivar Trial (Trial planted Sept. 28, 2005)

		2006	2007	Average		% of
		Yield	Yield			CUF101
	FD	Dry t/a				%
Released Varieties						
Wildcard	8	12.83 (1)	13.77 (2)	13.30 (1)	A	107.7
Magna 788	8	12.19 (11)	13.95 (1)	13.07 (2)	A B	105.8
Saltana(SW9332)	9	12.45 (4)	13.47 (4)	12.96 (3)	A B C	104.9
Conquistador	8	12.54 (3)	13.05 (11)	12.80 (6)	A B C D	103.6
Yosemite	8	12.20 (10)	13.23 (9)	12.72 (8)	A B C D E	103.0
WL530HQ	8	12.19 (12)	13.07 (10)	12.63 (11)	A B C D E F G	102.2
WL535HQ	8	11.73 (27)	13.49 (3)	12.61 (12)	A B C D E F G	102.1
Artisian Sunrise	7	12.29 (6)	12.71 (18)	12.50 (14)	A B C D E F G H	101.2
HybriForce-620	6	12.24 (9)	12.63 (20)	12.43 (18)	B C D E F G H I	100.7
DKA84-10RR	8.4	12.04 (18)	12.74 (17)	12.39 (19)	B C D E F G H I	100.3
CUF101	9	11.85 (24)	12.85 (15)	12.35 (20)	B C D E F G H I	100.0
56S82	6	12.04 (17)	12.48 (22)	12.26 (22)	B C D E F G H I J	99.3
57Q75	7	11.77 (25)	12.42 (23)	12.10 (25)	D E F G H I J K	98.0
Dura 843	8	11.75 (26)	12.09 (28)	11.92 (26)	E F G H I J K L	96.5
Owyhee	6	11.21 (34)	11.70 (34)	11.45 (33)	J K L M N	92.8
DKA50-18	5	11.22 (33)	11.63 (36)	11.42 (34)	K L M N	92.5
Mountaineer 2.0	5	11.16 (35)	11.65 (35)	11.41 (35)	K L M N	92.4
Sutter	7	11.24 (32)	11.54 (38)	11.39 (36)	K L M N O	92.2
DKA41-18RR	4.1	10.65 (37)	11.81 (31)	11.23 (37)	L M N O P	90.9
Lahanton	5	10.61 (39)	11.61 (37)	11.11 (38)	L M N O P	90.0
WL357HQ	5	10.51 (40)	11.46 (39)	10.99 (39)	M N O P Q	89.0
Dura 512	5	10.48 (42)	10.93 (41)	10.70 (40)	N O P Q	86.7
DKA42-15	4	10.42 (43)	10.94 (40)	10.68 (42)	N O P Q	86.5
DKA33-16	3	10.49 (41)	10.66 (43)	10.57 (43)	O P Q	85.6
CW95026	5	10.29 (44)	10.53 (44)	10.41 (44)	P Q	84.3
DKA34-17RR	3.4	10.12 (45)	10.40 (45)	10.26 (45)	Q	83.1
Experimental Varieties						
DS589-Hyb+Optimize	8	12.27 (7)	13.40 (5)	12.84 (4)	A B C D	104.0
DS588-Hyb	8	12.63 (2)	13.00 (13)	12.81 (5)	A B C D	103.8
DS583-Hyb	8	12.15 (15)	13.35 (7)	12.75 (7)	A B C D	103.2
DS589-Hyb	8	11.99 (20)	13.38 (6)	12.68 (9)	A B C D E F	102.7
SW9434	9	12.02 (19)	13.25 (8)	12.63 (10)	A B C D E F G	102.3
DS566-Hyb	6	12.18 (13)	13.01 (12)	12.60 (13)	A B C D E F G	102.0
CW36077	6	12.38 (5)	12.60 (21)	12.49 (15)	A B C D E F G H	101.1
DS584-Hyb	8	12.06 (16)	12.91 (14)	12.48 (16)	A B C D E F G H	101.1
DS566-Hyb+Optimize	6	12.26 (8)	12.70 (19)	12.48 (17)	A B C D E F G H	101.0
CW17075+Optimize	7	11.90 (22)	12.75 (16)	12.32 (21)	B C D E F G H I	99.8
SW6330	6	12.18 (14)	12.33 (26)	12.25 (23)	B C D E F G H I J	99.2
DS587-Hyb	8	11.94 (21)	12.33 (25)	12.14 (24)	C D E F G H I J K	98.3
SW5407	5	11.36 (31)	12.36 (24)	11.86 (27)	F G H I J K L	96.0
CW25034	5	11.88 (23)	11.78 (33)	11.83 (28)	G H I J K L	95.8
CW17075	7	11.53 (28)	12.00 (30)	11.76 (29)	H I J K L M	95.3
CW25006	5	11.37 (30)	12.14 (27)	11.75 (30)	H I J K L M	95.2
SW5310	5	11.50 (29)	11.79 (32)	11.64 (31)	I J K L M	94.3
CW94008+Optimize	4	10.90 (36)	12.05 (29)	11.47 (32)	J K L M N	92.9
CW94008	4	10.63 (38)	10.78 (42)	10.70 (41)	N O P Q	86.7
MEAN		11.64	12.33	11.98		
CV		4.18	9.61	5.80		
LSD (0.1)		0.58	1.41	0.83		

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 Fisher's (protected) LSD.

FD = Fall Dormancy reported by seed companies.