

TABLE 3. 2006-2008 Yields, UC Davis Alfalfa Cultivar Trial (Trial planted Sept. 28, 2005)

		2006	2007	2008	Average		% of
	FD	Yield	Yield	Yield			CUF101
			Dry t/a				%
Released Varieties							
Wildcard	8	12.8 (1)	13.8 (2)	9.0 (6)	11.9 (1)	A	106.8
Magna 788	8	12.2 (11)	14.0 (1)	9.4 (2)	11.8 (2)	A B	106.6
Saltana(SW9332)	9	12.4 (4)	13.5 (4)	8.8 (10)	11.6 (4)	A B C	104.1
WL535HQ	8	11.7 (27)	13.5 (3)	9.4 (1)	11.5 (5)	A B C D	103.8
WL530HQ	8	12.2 (12)	13.1 (10)	8.7 (12)	11.3 (11)	A B C D E F G	101.9
Conquistador	8	12.5 (3)	13.0 (11)	8.4 (25)	11.3 (12)	A B C D E F G	101.9
Yosemite	8	12.2 (10)	13.2 (9)	8.4 (24)	11.3 (14)	A B C D E F G H	101.5
Artisan Sunrise	7	12.3 (6)	12.7 (18)	8.6 (18)	11.2 (16)	A B C D E F G H I	100.6
CUF101	9	11.8 (24)	12.9 (15)	8.6 (16)	11.1 (18)	A B C D E F G H I J	100.0
HybriForce-620	6	12.2 (9)	12.6 (20)	8.4 (23)	11.1 (19)	A B C D E F G H I J	99.9
56S82	6	12.0 (17)	12.5 (22)	8.5 (19)	11.0 (22)	C D E F G H I J K	99.0
DKA84-10RR	8.4	12.0 (18)	12.7 (17)	8.0 (34)	10.9 (24)	C D E F G H I J K L	98.3
57Q75	7	11.8 (25)	12.4 (23)	8.3 (29)	10.8 (25)	C D E F G H I J K L M	97.3
Dura 843	8	11.8 (26)	12.1 (28)	8.3 (28)	10.7 (27)	E F G H I J K L M N O	96.4
DKA50-18	5	11.2 (33)	11.6 (36)	8.5 (21)	10.4 (31)	I J K L M N O P Q	93.9
Owyhee	6	11.2 (34)	11.7 (34)	8.3 (26)	10.4 (32)	I J K L M N O P Q R	93.7
Mountaineer 2.0	5	11.2 (35)	11.7 (35)	8.3 (31)	10.4 (34)	J K L M N O P Q R S	93.2
Sutter	7	11.2 (32)	11.5 (38)	7.6 (40)	10.1 (36)	L M N O P Q R S T	91.2
DKA41-18RR	4.1	10.7 (37)	11.8 (31)	7.9 (35)	10.1 (37)	M N O P Q R S T	90.9
WL357HQ	5	10.5 (40)	11.5 (39)	7.8 (37)	9.9 (38)	N O P Q R S T	89.4
Lahanton	5	10.6 (39)	11.6 (37)	7.5 (43)	9.9 (39)	O P Q R S T	89.3
DKA42-15	4	10.4 (43)	10.9 (40)	7.9 (36)	9.7 (41)	Q R S T	87.6
Dura 512	5	10.5 (42)	10.9 (41)	7.4 (44)	9.6 (42)	R S T	86.5
DKA33-16	3	10.5 (41)	10.7 (43)	7.6 (41)	9.6 (43)	S T	86.2
CW95026	5	10.3 (44)	10.5 (44)	7.6 (42)	9.5 (44)	T	85.1
DKA34-17RR	3.4	10.1 (45)	10.4 (45)	7.8 (38)	9.4 (45)	T	84.9
Experimental Varieties							
DS588-Hyb	8	12.6 (2)	13.0 (13)	9.2 (3)	11.6 (3)	A B C	104.5
DS583-Hyb	8	12.1 (15)	13.4 (7)	9.0 (7)	11.5 (6)	A B C D E	103.5
DS589-Hyb+Optimize	8	12.3 (7)	13.4 (5)	8.8 (9)	11.5 (7)	A B C D E	103.4
DS566-Hyb	6	12.2 (13)	13.0 (12)	9.0 (5)	11.4 (8)	A B C D E F	102.6
DS584-Hyb	8	12.1 (16)	12.9 (14)	9.1 (4)	11.4 (9)	A B C D E F	102.3
SW9434	9	12.0 (19)	13.2 (8)	8.7 (11)	11.3 (10)	A B C D E F	102.0
CW36077	6	12.4 (5)	12.6 (21)	9.0 (8)	11.3 (13)	A B C D E F G	101.8
DS566-Hyb+Optimize	6	12.3 (8)	12.7 (19)	8.6 (15)	11.2 (15)	A B C D E F G H I	100.8
DS589-Hyb	8	12.0 (20)	13.4 (6)	8.1 (33)	11.1 (17)	A B C D E F G H I J	100.2
SW6330	6	12.2 (14)	12.3 (26)	8.6 (17)	11.1 (20)	B C D E F G H I J K	99.4
CW17075+Optimize	7	11.9 (22)	12.7 (16)	8.5 (20)	11.0 (21)	B C D E F G H I J K	99.3
DS587-Hyb	8	11.9 (21)	12.3 (25)	8.7 (14)	11.0 (23)	C D E F G H I J K	98.8
CW17075	7	11.5 (28)	12.0 (30)	8.7 (13)	10.7 (26)	D E F G H I J K L M N	96.6
CW25006	5	11.4 (30)	12.1 (27)	8.5 (22)	10.7 (28)	F G H I J K L M N O P	95.8
SW5310	5	11.5 (29)	11.8 (32)	8.3 (30)	10.5 (29)	G H I J K L M N O P Q	94.6
SW5407	5	11.4 (31)	12.4 (24)	7.8 (39)	10.5 (30)	H I J K L M N O P Q	94.4
CW94008+Optimize	4	10.9 (36)	12.1 (29)	8.3 (27)	10.4 (33)	I J K L M N O P Q R	93.7
CW25034	5	11.9 (23)	11.8 (33)	7.2 (45)	10.3 (35)	K L M N O P Q R S	92.5
CW94008	4	10.6 (38)	10.8 (42)	8.2 (32)	9.9 (40)	P Q R S T	88.7
MEAN		11.64	12.33	8.38	10.78		
CV		4.2	9.6	11.1	6.3		
LSD (0.1)		0.58	1.41	NS	0.81		

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.