

Table 10. UC WEST SIDE ALFALFA CULTIVAR TRIAL 1999-2000 YIELDS. TRIAL PLANTED 9/29/98

	1999	2000	Average			% of
	Dry Tons/Acre					Moapa 69
Released Cultivars						
Beacon	5.85 (04)	13.02 (04)	9.43 (03)	A B		113.3
Magna 901 (DS 691)	5.58 (15)	12.94 (06)	9.26 (06)	A B C D E		111.2
WL 612	5.82 (05)	12.55 (11)	9.19 (08)	A B C D E F		110.3
SW 9628	5.67 (11)	12.47 (13)	9.07 (11)	A B C D E F G H		108.9
Mecca III	5.50 (19)	12.42 (15)	8.96 (15)	A B C D E F G H	J K	107.6
Dura 843	4.94 (46)	12.58 (10)	8.76 (19)	B C D E F G H	J K L M	105.2
Ei Tigre Verde	5.33 (26)	12.02 (20)	8.67 (21)	B C D E F G H	J K L M	104.2
Mecca	5.21 (34)	12.08 (18)	8.64 (22)	B C D E F G H	J K L M	103.8
WestStar	5.35 (25)	11.72 (29)	8.54 (26)	D E F G H	J K L M N O	102.5
58N57	5.32 (27)	11.72 (28)	8.52 (27)	D E F G H	J K L M N O	102.4
Magna 8	5.58 (16)	11.42 (35)	8.50 (28)	E F G H	J K L M N O	102.1
Highline	5.86 (03)	10.99 (45)	8.43 (31)	E F G H	J K L M N O P	101.2
57Q77	5.14 (36)	11.67 (30)	8.41 (32)	F G H	J K L M N O P	101.0
Moapa 69	5.16 (35)	11.49 (32)	8.33 (34)	G H	J K L M N O P	100.0
5939	5.49 (20)	11.06 (41)	8.28 (37)	H	J K L M N O P	99.4
Maricopa	5.06 (42)	11.28 (37)	8.17 (41)		J K L M N O P Q	98.1
WL 525 HQ	5.06 (41)	11.18 (38)	8.12 (42)		K L M N O P Q	97.6
SW 9720	5.10 (38)	10.99 (44)	8.05 (44)		M N O P Q	96.7
DK 191	5.02 (45)	10.85 (46)	7.93 (48)		M N O P Q R	95.3
DK 180ML	4.88 (49)	10.62 (50)	7.75 (50)		N O P Q R S	93.1
Dura 765	4.44 (53)	10.32 (52)	7.38 (53)		Q R S	88.6
Y5Q10	4.19 (55)	10.03 (54)	7.11 (54)		R S	85.4
Rio Grande	4.41 (54)	9.71 (55)	7.06 (55)		S	84.8
Experimental Cultivars						
WL 92-296	5.90 (02)	13.68 (01)	9.79 (01)	A		117.6
DS 883	5.78 (06)	13.10 (03)	9.44 (02)	A B		113.4
WL C252	5.66 (12)	13.10 (02)	9.38 (04)	A B C		112.7
SW 9601	5.73 (08)	12.99 (05)	9.36 (05)	A B C D		112.4
UC 2465	5.72 (09)	12.70 (08)	9.21 (07)	A B C D E F		110.6
FG99-1	5.71 (10)	12.61 (09)	9.16 (09)	A B C D E F G		110.0
CW 6868	5.27 (30)	12.89 (07)	9.08 (10)	A B C D E F G H		109.1
SW 8829	5.65 (13)	12.48 (12)	9.07 (12)	A B C D E F G H		108.9
CW 68115	5.54 (17)	12.44 (14)	8.99 (13)	A B C D E F G H	J	108.0
UC 2600	5.99 (01)	11.94 (21)	8.96 (14)	A B C D E F G H	J	107.7
CW 6881	5.44 (23)	12.41 (16)	8.93 (16)	B C D E F G H	J K L	107.2
WL C245	5.46 (22)	12.08 (19)	8.77 (17)	B C D E F G H	J K L M	105.3
FG99-2	5.26 (31)	12.26 (17)	8.76 (18)	B C D E F G H	J K L M	105.2
ZX 9887	5.59 (14)	11.79 (27)	8.69 (20)	B C D E F G H	J K L M	104.4
UC 2598	5.78 (07)	11.46 (33)	8.62 (23)	B C D E F G H	J K L M	103.5
FG99-3	5.30 (28)	11.83 (24)	8.57 (24)	C D E F G H	J K L M N	102.9
CW 5875	5.26 (32)	11.83 (25)	8.54 (25)	C D E F G H	J K L M N O	102.6
ADF 98801	5.14 (37)	11.82 (26)	8.48 (29)	E F G H	J K L M N O	101.8
ADF 98804	5.09 (39)	11.86 (22)	8.48 (30)	E F G H	J K L M N O	101.8
CW 78088	4.90 (48)	11.85 (23)	8.38 (33)	F G H	J K L M N O P	100.6
DS 881	5.08 (40)	11.53 (31)	8.30 (35)	H	J K L M N O P	99.8
UC 2533	5.50 (18)	11.10 (40)	8.30 (36)	H	J K L M N O P	99.7
ZS 9890	5.43 (24)	11.11 (39)	8.27 (38)	H	J K L M N O P	99.3
SW 8730	5.03 (44)	11.45 (34)	8.24 (39)	H	J K L M N O P	99.0
ZX 9393	5.47 (21)	11.00 (43)	8.23 (40)		J K L M N O P	98.9
DS 784	4.87 (50)	11.32 (36)	8.09 (43)		L M N O P Q	97.2
ZG 9891	4.92 (47)	11.06 (42)	7.99 (45)		M N O P Q	96.0
UC 2541	5.24 (33)	10.69 (48)	7.97 (46)		M N O P Q	95.7
ZL 9889A	5.05 (43)	10.82 (47)	7.93 (47)		M N O P Q R	95.3
UC 336	5.29 (29)	10.25 (53)	7.77 (49)		N O P Q R S	93.3
FG99-4	4.76 (52)	10.65 (49)	7.70 (51)		O P Q R S	92.5
FG99-6	4.78 (51)	10.47 (51)	7.63 (52)		P Q R S	91.6
MEAN	5.30	11.70	8.50			
CV	8.50	7.20	5.30			
LSD (.05)	0.63	1.18	0.84			

VARIETY X YEAR INTERACTION IS SIGNIFICANT

Trial seeded at 25 lb/acre viable seed on Panoche clay loam soil at UC West Side Research and Extension Center, Five Points, CA.

Entries followed by the same letter are not significantly different at the 5% probability level according to Fishers (protected) LSD.

Only the last 4 cuttings of the season were taken in 1999 to allow for recovery from disease pressure.