

Table 10. UC WESTSIDE ALFALFA CULTIVAR TRIAL 1999-2001 YIELDS. TRIAL PLANTED 9/29/99

ENTRY	1999	2000	2001	AVERAGE	% OF	
					Dry Tons/acre	MOAPA 69
					%	
Released Varieties						
CutMor (FG99-1)	5.71 (10)	12.61 (09)	15.62 (04)	11.31 (05)	A B C D E	114.7
SW 9628	5.67 (11)	12.47 (13)	15.75 (02)	11.30 (06)	A B C D E	114.6
Beacon	5.85 (04)	13.03 (04)	14.91 (14)	11.26 (07)	B C D E F	114.2
Mecca III	5.50 (19)	12.42 (15)	15.45 (07)	11.12 (10)	B C D E F G	112.8
Magna 901 (DS 691)	5.58 (15)	12.94 (06)	14.46 (25)	11.00 (12)	B C D E F G H I	111.5
Dura 843	4.95 (46)	12.58 (10)	15.44 (08)	10.99 (14)	B C D E F G H I J	111.5
Mecca	5.21 (34)	12.08 (18)	14.85 (17)	10.71 (20)	D E F G H I J K L M N	108.7
El Tigre Verde	5.33 (26)	12.02 (20)	13.89 (29)	10.41 (24)	H I J K L M N O P Q	105.6
WestStar	5.35 (25)	11.72 (29)	14.11 (28)	10.40 (25)	H I J K L M N O P Q	105.5
58N57	5.32 (27)	11.73 (28)	14.14 (27)	10.40 (26)	H I J K L M N O P Q	105.5
WL 525 HQ	5.06 (41)	11.19 (38)	14.84 (18)	10.36 (27)	H I J K L M N O P Q	105.1
57Q77	5.14 (36)	11.67 (30)	13.71 (33)	10.18 (32)	L M N O P Q R S T	103.2
Maricopa	5.06 (42)	11.28 (37)	13.79 (31)	10.04 (35)	N O P Q R S T U V	101.9
SW 9720	5.10 (38)	11.00 (44)	13.78 (32)	9.96 (36)	O P Q R S T U V	101.0
Highline	5.86 (03)	10.99 (45)	12.92 (44)	9.93 (37)	P Q R S T U V	100.7
Magna 8	5.58 (16)	11.42 (35)	12.60 (47)	9.87 (39)	P Q R S T U V	100.1
Moapa 69	5.16 (35)	11.49 (32)	12.92 (45)	9.86 (40)	P Q R S T U V	100.0
5939	5.49 (20)	11.07 (41)	12.95 (43)	9.84 (42)	P Q R S T U V	99.8
DK 191	5.02 (45)	10.85 (46)	13.15 (38)	9.67 (45)	R S T U V W	98.1
DK 180ML	4.88 (49)	10.63 (50)	11.43 (54)	8.98 (52)		X Y Z
Dura 765	4.44 (53)	10.32 (52)	11.86 (51)	8.87 (53)		Y Z
Y5Q10	4.19 (55)	10.03 (54)	11.91 (50)	8.71 (54)		Z
Rio Grande	4.41 (54)	9.71 (55)	11.23 (55)	8.45 (55)		Z
Experimental Varieties						
WL 92-296	5.91 (02)	13.69 (01)	15.87 (01)	11.95 (01)	A	121.2
DS 883	5.78 (06)	13.10 (03)	15.65 (03)	11.51 (02)	A B	116.8
WL C252	5.66 (12)	13.11 (02)	15.52 (06)	11.43 (03)	A B C	115.9
SW 9601	5.73 (08)	13.00 (05)	15.37 (10)	11.36 (04)	A B C D	115.3
WL 612	5.83 (05)	12.55 (11)	15.27 (11)	11.22 (08)	B C D E F	113.8
CW 68115	5.54 (17)	12.44 (14)	15.58 (05)	11.19 (09)	B C D E F G	113.5
SW 8829	5.65 (13)	12.49 (12)	14.98 (12)	11.04 (11)	B C D E F G H	112.0
UC 2465	5.72 (09)	12.70 (08)	14.55 (23)	10.99 (13)	B C D E F G H I J	111.5
CW 6868	5.27 (30)	12.89 (07)	14.76 (19)	10.98 (15)	B C D E F G H I J K	111.3
CW 6881	5.44 (23)	12.41 (16)	14.86 (16)	10.91 (16)	B C D E F G H I J K	110.6
CW 5875	5.26 (32)	11.83 (25)	15.43 (09)	10.84 (17)	B C D E F G H I J K L	110.0
FG99-2	5.26 (31)	12.27 (17)	14.93 (13)	10.82 (18)	C D E F G H I J K L	109.7
WL C245	5.46 (22)	12.08 (19)	14.89 (15)	10.81 (19)	C D E F G H I J K L M	109.7
ZX 9887	5.59 (14)	11.80 (27)	14.56 (22)	10.65 (21)	E F G H I J K L M N	108.0
UC 2598	5.78 (07)	11.46 (33)	14.59 (20)	10.61 (22)	F G H I J K L M N O	107.6
ADF 98804	5.09 (39)	11.86 (22)	14.57 (21)	10.51 (23)	G H I J K L M N O P	106.6
UC 2533	5.50 (18)	11.10 (40)	14.48 (24)	10.36 (28)	H I J K L M N O P Q	105.1
FG99-3	5.30 (28)	11.83 (24)	13.81 (30)	10.32 (29)	I J K L M N O P Q R	104.6
UC 2600	5.99 (01)	11.94 (21)	12.99 (41)	10.31 (30)	J K L M N O P Q R S	104.6
DS 881	5.08 (40)	11.53 (31)	14.30 (26)	10.31 (31)	K L M N O P Q R S	104.5
CW 78088	4.90 (48)	11.85 (23)	13.64 (34)	10.13 (33)	M N O P Q R S T U	102.8
ADF 98801	5.14 (37)	11.82 (26)	13.36 (36)	10.10 (34)	N O P Q R S T U V	102.5
SW 8730	5.03 (44)	11.46 (34)	13.18 (37)	9.89 (38)	P Q R S T U V	100.3
ZX 9393	5.47 (21)	11.00 (43)	13.10 (40)	9.86 (41)	P Q R S T U V	100.0
DS 784	4.87 (50)	11.32 (36)	13.11 (39)	9.77 (43)	Q R S T U V	99.1
ZS 9890	5.44 (24)	11.11 (39)	12.69 (46)	9.74 (44)	Q R S T U V	98.8
UC 2541	5.25 (33)	10.69 (48)	12.96 (42)	9.63 (46)	S T U V W X	97.7
FG99-6	4.78 (51)	10.47 (51)	13.41 (35)	9.55 (47)	T U V W X Y	96.9
ZL 9889A	5.05 (43)	10.82 (47)	12.55 (48)	9.47 (48)	U V W X Y	96.1
ZG 9891	4.92 (47)	11.06 (42)	12.33 (49)	9.44 (49)	V W X Y	95.7
UC 336	5.29 (29)	10.25 (53)	11.53 (53)	9.03 (50)	W X Y Z	91.6
FG99-4	4.76 (52)	10.65 (49)	11.61 (52)	9.01 (51)	W X Y Z	91.4
MEAN	5.3	11.71	13.91	10.30		
CV	8.5	7.2	5.5	6.5		
LSD (.05)	0.63	1.18	1.06	0.68		

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.