

Table 11. IMPERIAL VALLEY ALFALFA CULTIVAR TRIAL 2001-2003 YIELDS. TRIAL PLANTED 10/11/00

	2001	2002	2003	Average		% OF CUF 101
	-----Yield-----					
	-----Dry tons/acre-----					%
Released Varieties						
UC Cibola	11.83 (3)	9.63 (2)	8.10 (2)	9.85 (1)	A	106.4
SW100 (SW101)	11.38 (8)	9.73 (1)	8.16 (1)	9.75 (2)	A B	105.4
59N49 (Y59N49)	11.93 (1)	9.05 (10)	7.72 (7)	9.57 (4)	A B C D	103.3
CUF 101	11.16 (15)	9.01 (12)	7.61 (12)	9.26 (12)	A B C D E F G H I J	100.0
Mecca III	11.26 (11)	8.90 (15)	7.54 (15)	9.24 (13)	A B C D E F G H I J	99.8
WL 711 WF	10.85 (29)	8.91 (14)	7.59 (14)	9.11 (17)	B C D E F G H I J K	98.4
Highline	10.81 (32)	8.77 (16)	7.67 (10)	9.08 (21)	D E F G H I J K L	98.1
UC Impalo WF	11.18 (14)	8.64 (21)	7.16 (29)	9.00 (22)	D E F G H I J K L M	97.2
Magna 901	10.86 (28)	8.48 (26)	7.30 (21)	8.88 (23)	E F G H I J K L M N	95.9
58N57	11.25 (12)	8.61 (22)	6.68 (38)	8.84 (26)	F G H I J K L M N O	95.5
SW9720	10.70 (36)	8.54 (23)	7.24 (25)	8.83 (28)	F G H I J K L M N O	95.4
El Tigre Verde	10.84 (31)	8.02 (34)	6.98 (31)	8.61 (34)	I J K L M N O P	93.0
Prestige	11.10 (17)	7.82 (40)	6.57 (41)	8.50 (36)	K L M N O P Q	91.8
WL625HQ	10.88 (26)	8.00 (35)	6.62 (40)	8.50 (37)	K L M N O P Q	91.8
Pershing	10.67 (38)	7.77 (41)	6.54 (42)	8.33 (41)	N O P Q	90.0
WL 525 HQ	10.15 (44)	7.57 (42)	6.65 (39)	8.13 (43)	P Q	87.8
Salado	10.46 (41)	7.34 (44)	5.79 (44)	7.87 (44)	Q	85.0
Experimental Varieties						
DS995	11.84 (2)	9.43 (3)	7.99 (5)	9.75 (3)	A B C	105.3
CW89061	11.12 (16)	9.41 (4)	8.01 (4)	9.51 (5)	A B C D E	102.7
ZS9995	11.54 (5)	9.25 (6)	7.45 (18)	9.41 (6)	A B C D E F	101.7
IVS9002	11.41 (7)	9.08 (9)	7.72 (8)	9.40 (7)	A B C D E F	101.6
SW9022	10.84 (30)	9.15 (7)	8.05 (3)	9.35 (8)	A B C D E F G	101.0
UC-412	11.10 (18)	9.12 (8)	7.80 (6)	9.34 (9)	A B C D E F G	100.9
SW1028	10.98 (24)	9.30 (5)	7.67 (11)	9.31 (10)	A B C D E F G H	100.6
CW89064	11.47 (6)	8.75 (19)	7.60 (13)	9.27 (11)	A B C D E F G H I	100.2
FGI9710	11.37 (9)	8.76 (17)	7.46 (16)	9.20 (14)	A B C D E F G H I J	99.3
DS991BR	11.67 (4)	8.38 (31)	7.33 (20)	9.12 (15)	B C D E F G H I J K	98.5
CW89068	10.98 (25)	8.71 (20)	7.68 (9)	9.12 (16)	B C D E F G H I J K	98.5
UC-409	11.04 (21)	9.01 (11)	7.28 (24)	9.11 (18)	B C D E F G H I J K L	98.4
UC-411	11.07 (19)	8.76 (18)	7.44 (19)	9.09 (19)	C D E F G H I J K L	98.2
ZS0001	10.87 (27)	8.93 (13)	7.45 (17)	9.08 (20)	D E F G H I J K L	98.1
FGI9609	11.21 (13)	8.41 (28)	6.98 (32)	8.87 (24)	E F G H I J K L M N O	95.8
FGI9709	10.98 (23)	8.45 (27)	7.10 (30)	8.84 (25)	F G H I J K L M N O	95.5
IVM2000	11.26 (10)	8.38 (30)	6.86 (34)	8.83 (27)	F G H I J K L M N O	95.4
CW79115	10.75 (35)	8.53 (24)	7.19 (27)	8.82 (29)	F G H I J K L M N O	95.3
UC-414	10.77 (34)	8.49 (25)	7.17 (28)	8.81 (30)	F G H I J K L M N O	95.2
SW9031	11.02 (22)	8.17 (33)	7.21 (26)	8.80 (31)	F G H I J K L M N O	95.1
CW78118	11.07 (20)	8.41 (29)	6.73 (36)	8.73 (32)	G H I J K L M N O P	94.3
DS994	10.78 (33)	7.94 (36)	7.30 (22)	8.67 (33)	H I J K L M N O P	93.6
UC-410	10.37 (42)	8.17 (32)	7.28 (23)	8.61 (35)	J K L M N O P	93.0
ZS0000	10.52 (39)	7.93 (37)	6.89 (33)	8.45 (38)	L M N O P Q	91.2
CW79094	10.51 (40)	7.92 (39)	6.72 (37)	8.38 (39)	M N O P Q	90.5
UC-413	10.34 (43)	7.93 (38)	6.78 (35)	8.35 (40)	M N O P Q	90.2
ZS9992	10.69 (37)	7.55 (43)	6.38 (43)	8.21 (42)	O P Q	88.6
Mean	11.02	8.57	7.26	8.95		
CV	5.6	8.6	10.2	10.4		
LSD (.05)	0.86	1.03	1.04	0.66		

Trial planted at 25 lb/acre viable seed on Imperial clay loam soil at the UC Desery Research and Extension Center, Holtville, CA.
 Entries followed by the same letter are not significantly different at the 5% probability level according to Fishers (protected) LSD.