

Table 11. UC IMPERIAL ALFALFA CULTIVAR TRIAL 2001 YIELDS. TRIAL PLANTED 10/11/00

NOTE: One year data should not be used to choose or evaluate alfalfa cultivars.

It is a misuse of University Data to choose alfalfa varieties or advertise based upon a single-year result.

ENTRY	Cut 1	Cut 2	Cut 3	Cut 4	Cut 5	Cut 6	Cut 7	Cut 8	YEAR	% OF CUF 101
	2/20	3/29	5/11	6/13	7/16	8/16	9/19	11/5	TOTAL	
Dry Tons/acre										
Released Varieties										
59N49 (Y59N49)	1.04 (08)	1.46 (17)	2.39 (02)	2.48 (02)	1.92 (03)	1.16 (05)	0.83 (20)	0.64 (27)	11.93 (01) A	107.0
UC Cibola	0.86 (37)	1.48 (13)	2.35 (05)	2.20 (21)	2.04 (01)	1.27 (01)	0.93 (02)	0.70 (07)	11.83 (03) A B C	106.1
Mecca III	0.98 (19)	1.37 (34)	2.33 (09)	2.27 (09)	1.82 (06)	1.02 (27)	0.82 (25)	0.65 (25)	11.26 (11) A B C D E F G H I	101.0
58N57	0.80 (44)	1.41 (29)	2.34 (08)	2.35 (05)	1.73 (20)	1.14 (08)	0.82 (24)	0.65 (21)	11.25 (12) A B C D E F G H I	100.8
UC Impalo WF	1.07 (05)	1.43 (27)	2.29 (11)	2.14 (31)	1.65 (36)	1.04 (23)	0.88 (11)	0.70 (08)	11.18 (14) A B C D E F G H I J K	100.2
CUF 101	0.98 (17)	1.46 (18)	2.16 (28)	2.21 (19)	1.79 (10)	1.03 (25)	0.84 (19)	0.69 (09)	11.16 (15) A B C D E F G H I J K	100.0
Prestige	0.90 (29)	1.44 (23)	2.27 (13)	2.35 (04)	1.75 (16)	1.07 (17)	0.76 (38)	0.56 (43)	11.10 (17) A B C D E F G H I J K	99.5
WL625HQ	0.88 (32)	1.50 (07)	2.10 (36)	2.25 (11)	1.66 (33)	1.04 (21)	0.85 (16)	0.60 (37)	10.88 (26) D E F G H I J K L	97.5
Magna 901	0.88 (34)	1.38 (33)	2.21 (18)	2.24 (16)	1.67 (30)	1.01 (31)	0.82 (23)	0.66 (19)	10.86 (28) D E F G H I J K L	97.4
Highline	0.94 (24)	1.36 (35)	2.14 (29)	2.19 (22)	1.73 (21)	1.04 (20)	0.84 (18)	0.60 (35)	10.85 (29) D E F G H I J K L	97.2
El Tigre Verde	0.86 (38)	1.48 (14)	2.08 (38)	2.23 (18)	1.71 (24)	1.05 (19)	0.80 (31)	0.63 (32)	10.84 (31) D E F G H I J K L	97.1
Highline	1.07 (04)	1.49 (09)	2.14 (30)	2.07 (40)	1.64 (37)	0.85 (44)	0.81 (29)	0.74 (01)	10.81 (32) E F G H I J K L	96.9
SW9720	0.85 (39)	1.40 (30)	2.17 (26)	2.19 (23)	1.72 (22)	0.90 (41)	0.81 (28)	0.65 (23)	10.70 (36) E F G H I J K L	95.9
Pershing	0.96 (20)	1.32 (40)	2.20 (20)	2.16 (27)	1.67 (31)	1.02 (28)	0.75 (39)	0.59 (38)	10.67 (38) F G H I J K L	95.7
Salado	0.81 (43)	1.46 (19)	2.22 (17)	2.11 (39)	1.65 (35)	0.92 (40)	0.73 (43)	0.57 (40)	10.46 (41) I J K L	93.8
WL 525 HQ	0.92 (25)	1.30 (43)	1.85 (44)	2.12 (36)	1.65 (34)	0.93 (39)	0.79 (33)	0.58 (39)	10.15 (44) L	91.0
Experimental Varieties										
DS996	1.00 (13)	1.50 (04)	2.32 (10)	2.40 (03)	1.97 (02)	1.11 (12)	0.86 (15)	0.67 (17)	11.84 (02) A B	106.1
DS991BR	1.03 (10)	1.43 (25)	2.38 (03)	2.29 (08)	1.75 (15)	1.22 (02)	0.89 (07)	0.68 (15)	11.67 (04) A B C D	104.6
ZS9995	0.94 (23)	1.48 (12)	2.34 (07)	2.49 (01)	1.77 (13)	1.00 (33)	0.81 (30)	0.72 (04)	11.54 (05) A B C D E	103.5
CW89064	1.01 (12)	1.49 (10)	2.20 (19)	2.24 (13)	1.83 (05)	1.14 (09)	0.89 (08)	0.67 (16)	11.47 (06) A B C D E F	102.8
IVS9002	1.08 (03)	1.50 (05)	2.18 (24)	2.24 (12)	1.75 (14)	1.17 (04)	0.82 (22)	0.65 (24)	11.41 (07) A B C D E F	102.3
SW101	1.07 (06)	1.50 (06)	2.35 (04)	2.00 (42)	1.71 (26)	1.18 (03)	0.88 (10)	0.68 (11)	11.38 (08) A B C D E F G	102.0
FGI9710	1.19 (01)	1.47 (16)	2.26 (15)	2.20 (20)	1.61 (38)	1.14 (07)	0.83 (21)	0.68 (14)	11.37 (09) A B C D E F G H	101.9
IVM2000	1.14 (02)	1.52 (03)	2.24 (16)	2.23 (17)	1.71 (27)	1.02 (29)	0.77 (37)	0.64 (28)	11.26 (10) A B C D E F G H I	101.0
FGI9609	1.01 (11)	1.49 (11)	2.34 (06)	2.24 (15)	1.60 (40)	1.16 (06)	0.73 (42)	0.64 (29)	11.21 (13) A B C D E F G H I J	100.5
CW89061	0.92 (26)	1.33 (39)	2.28 (12)	2.24 (14)	1.77 (12)	0.99 (36)	0.90 (06)	0.69 (10)	11.12 (16) A B C D E F G H I J K	99.7
UC-412	0.90 (30)	1.46 (20)	2.08 (37)	2.13 (32)	1.82 (07)	1.13 (10)	0.93 (01)	0.65 (20)	11.10 (18) A B C D E F G H I J K	99.5
UC-411	1.06 (07)	1.39 (32)	2.06 (40)	2.18 (24)	1.72 (23)	1.03 (24)	0.91 (04)	0.72 (03)	11.07 (19) B C D E F G H I J K	99.2
CW78118	0.83 (40)	1.54 (02)	2.13 (31)	2.30 (07)	1.74 (18)	1.08 (15)	0.81 (27)	0.64 (30)	11.07 (20) B C D E F G H I J K	99.2
UC-409	0.94 (22)	1.43 (24)	2.20 (21)	2.11 (37)	1.67 (32)	1.07 (18)	0.91 (05)	0.71 (05)	11.04 (21) B C D E F G H I J K	99.0
SW9031	0.92 (27)	1.49 (08)	2.16 (27)	2.14 (28)	1.79 (09)	1.03 (26)	0.87 (12)	0.62 (33)	11.02 (22) B C D E F G H I J K	98.8
FGI9709	0.92 (28)	1.40 (31)	2.27 (14)	2.25 (10)	1.71 (25)	0.97 (37)	0.85 (17)	0.61 (34)	10.98 (23) B C D E F G H I J K L	98.5
SW1028	1.00 (14)	1.44 (21)	1.92 (43)	2.12 (35)	1.80 (08)	1.08 (16)	0.89 (09)	0.73 (02)	10.98 (24) B C D E F G H I J K L	98.4
CW89068	1.00 (15)	1.55 (01)	2.13 (33)	2.17 (26)	1.61 (39)	1.01 (32)	0.86 (14)	0.66 (18)	10.98 (25) C D E F G H I J K L	98.4
ZS0001	0.82 (41)	1.43 (26)	2.13 (32)	2.14 (29)	1.88 (04)	1.04 (22)	0.77 (36)	0.65 (22)	10.87 (27) D E F G H I J K L	97.5
SW9022	0.87 (36)	1.34 (37)	2.08 (39)	2.13 (34)	1.74 (17)	1.08 (14)	0.92 (03)	0.68 (12)	10.84 (30) D E F G H I J K L	97.2
DS994	0.89 (31)	1.36 (36)	2.19 (22)	2.14 (30)	1.78 (11)	1.10 (13)	0.78 (35)	0.54 (44)	10.78 (33) E F G H I J K L	96.6
UC-414	0.99 (16)	1.41 (28)	2.18 (25)	2.17 (25)	1.70 (28)	0.86 (43)	0.82 (26)	0.64 (26)	10.77 (34) E F G H I J K L	96.6
CW79115	0.81 (42)	1.33 (38)	2.18 (23)	2.13 (33)	1.74 (19)	1.12 (11)	0.79 (32)	0.63 (31)	10.75 (35) E F G H I J K L	96.3
ZS9992	1.03 (09)	1.30 (42)	2.40 (01)	2.30 (06)	1.55 (44)	0.86 (42)	0.69 (44)	0.56 (41)	10.69 (37) E F G H I J K L	95.8
ZS0000	0.98 (18)	1.47 (15)	2.12 (34)	2.11 (38)	1.59 (41)	0.94 (38)	0.75 (41)	0.56 (42)	10.52 (39) G H I J K L	94.3
CW79084	0.87 (35)	1.44 (22)	2.11 (35)	2.07 (41)	1.68 (29)	1.00 (34)	0.75 (40)	0.60 (36)	10.51 (40) H I J K L	94.2
UC-410	0.95 (21)	1.30 (41)	2.06 (41)	1.99 (44)	1.57 (43)	0.99 (35)	0.79 (34)	0.71 (06)	10.37 (42) J K L	92.9
UC-413	0.88 (33)	1.28 (44)	2.05 (42)	2.00 (43)	1.58 (42)	1.01 (30)	0.86 (13)	0.68 (13)	10.34 (43) K L	92.7
MEAN	0.95	1.43	2.2	2.20	1.73	1.05	0.83	0.65	11.02	
CV	12.9	8.1	7.8	8.0	8	17.1	9.3	10.3	5.6	
LSD (.05)	0.17	NS	0.24	0.25	0.19	NS	0.11	0.09	0.86	

Trial planted at 25 lb/acre viable seed on Imperial clay loam soil at the UC Desert 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.