

Table 12. UC IMPERIAL ALFALFA CULTIVAR TRIAL 1998-2000 YIELDS. TRIAL PLANTED 10/15/97

	1998	1999	2000	Average											% of CUF 101			
	Dry Tons/Acre																	
Released Cultivars																		
SW 9628	13.24 (12)	11.14 (03)	9.17 (02)	11.18 (03)	A	B	C						112.2					
Highline	13.09 (16)	11.05 (04)	8.82 (03)	10.99 (04)	A	B	C	D						110.2				
DK 191	13.32 (09)	10.55 (05)	8.49 (07)	10.78 (06)	A	B	C	D	E					108.2				
Beacon	13.27 (10)	10.47 (10)	8.36 (11)	10.70 (08)	A	B	C	D	E	F				107.3				
UC Cibola	13.33 (08)	10.55 (06)	8.03 (19)	10.64 (09)	A	B	C	D	E	F	G			106.7				
SW 9720	13.03 (17)	10.28 (14)	8.09 (15)	10.47 (14)	A	B	C	D	E	F	G	H	105.0					
El Tigre Verde	13.38 (04)	10.09 (18)	7.62 (32)	10.36 (18)	A	B	C	D	E	F	G	H	I	103.9				
58N57	13.40 (03)	9.45 (36)	7.48 (36)	10.11 (24)		B	C	D	E	F	G	H	I	J	101.4			
WL 525 HQ	12.63 (27)	9.67 (32)	7.79 (25)	10.03 (31)			C	D	E	F	G	H	I	J	100.6			
CUF 101	12.62 (28)	9.59 (35)	7.69 (29)	9.97 (34)			C	D	E	F	G	H	I	J	100.0			
57Q77	12.36 (38)	9.66 (33)	7.75 (27)	9.93 (35)			C	D	E	F	G	H	I	J	K	99.6		
Coronado	12.20 (41)	9.01 (41)	7.43 (37)	9.55 (39)					E	F	G	H	I	J	K	L	M	95.8
WL 612	11.87 (46)	8.76 (46)	6.35 (47)	8.99 (47)										J	K	L	M	90.2
Alto	11.85 (47)	8.06 (48)	6.00 (49)	8.63 (48)											K	L	M	86.6
Experimental Cultivars																		
WL C290	13.34 (07)	11.88 (01)	9.49 (01)	11.57 (01)	A											116.1		
XS 960	14.06 (01)	11.32 (02)	8.73 (04)	11.37 (02)	A	B										114.0		
WL 91-213	13.36 (05)	10.48 (09)	8.55 (06)	10.79 (05)	A	B	C	D	E						108.3			
UC 358	13.43 (02)	10.51 (08)	8.31 (12)	10.75 (07)	A	B	C	D	E	F					107.8			
XI 940	13.23 (13)	10.52 (07)	8.15 (14)	10.63 (10)	A	B	C	D	E	F	G				106.7			
SW 9601	12.51 (32)	10.45 (11)	8.67 (05)	10.54 (11)	A	B	C	D	E	F	G	H			105.8			
ZX 9495	12.77 (22)	10.21 (17)	8.47 (08)	10.48 (12)	A	B	C	D	E	F	G	H			105.2			
WL C245	13.14 (15)	10.32 (13)	7.98 (20)	10.48 (13)	A	B	C	D	E	F	G	H			105.1			
UC 2452	12.73 (23)	10.22 (15)	8.41 (09)	10.45 (15)	A	B	C	D	E	F	G	H	I			104.9		
Sal-T-96	12.91 (19)	10.22 (16)	8.16 (13)	10.43 (16)	A	B	C	D	E	F	G	H	I			104.6		
WL C143	12.33 (40)	10.41 (12)	8.40 (10)	10.38 (17)	A	B	C	D	E	F	G	H	I			104.1		
ZS 9592	13.18 (14)	10.00 (21)	7.88 (22)	10.35 (19)	A	B	C	D	E	F	G	H	I			103.9		
CW 5991	12.84 (21)	10.02 (20)	7.85 (24)	10.24 (20)		B	C	D	E	F	G	H	I	J			102.7	
CW 59125	13.35 (06)	9.73 (27)	7.57 (33)	10.22 (21)		B	C	D	E	F	G	H	I	J			102.5	
CW 5965	12.70 (26)	9.97 (22)	7.92 (21)	10.19 (22)		B	C	D	E	F	G	H	I	J			102.3	
CW 59128	12.48 (33)	9.83 (25)	8.05 (18)	10.12 (23)		B	C	D	E	F	G	H	I	J			101.5	
ABI 9283	13.27 (11)	9.70 (29)	7.36 (39)	10.11 (25)		B	C	D	E	F	G	H	I	J			101.4	
Sima 372	12.52 (31)	10.06 (19)	7.65 (31)	10.08 (26)		B	C	D	E	F	G	H	I	J			101.1	
SW 8718	12.41 (37)	9.77 (26)	8.05 (17)	10.08 (27)		B	C	D	E	F	G	H	I	J			101.1	
CW 69120	12.91 (20)	9.71 (28)	7.56 (34)	10.06 (28)			C	D	E	F	G	H	I	J			100.9	
ZX 9382	12.47 (34)	9.83 (24)	7.87 (23)	10.06 (29)			C	D	E	F	G	H	I	J			100.9	
UC 2461	12.16 (43)	9.92 (23)	8.07 (16)	10.05 (30)			C	D	E	F	G	H	I	J			100.8	
UC 2486	12.71 (24)	9.68 (30)	7.69 (30)	10.03 (32)			C	D	E	F	G	H	I	J			100.6	
DS 784	12.70 (25)	9.60 (34)	7.75 (26)	10.02 (33)			C	D	E	F	G	H	I	J			100.5	
ABI 9293	12.16 (42)	9.67 (31)	7.55 (35)	9.80 (36)				D	E	F	G	H	I	J	K	L	98.3	
SW 8605	12.45 (35)	9.17 (38)	7.71 (28)	9.78 (37)				D	E	F	G	H	I	J	K	L	98.1	
ZX 9392	12.53 (30)	9.33 (37)	7.33 (40)	9.73 (38)				D	E	F	G	H	I	J	K	L	97.6	
DS 782	12.59 (29)	9.09 (39)	6.94 (43)	9.54 (40)					E	F	G	H	I	J	K	L	M	95.7
DS 791	12.94 (18)	8.92 (44)	6.72 (46)	9.53 (41)					E	F	G	H	I	J	K	L	M	95.6
DS 792	12.45 (36)	8.98 (42)	7.03 (42)	9.49 (42)						F	G	H	I	J	K	L	M	95.2
SW 8730	12.34 (39)	8.96 (43)	6.87 (45)	9.39 (43)							G	H	I	J	K	L	M	94.2
ZX 9499A	11.68 (49)	9.02 (40)	7.24 (41)	9.31 (44)								H	I	J	K	L	M	93.4
ZX 9393	11.70 (48)	8.86 (45)	7.36 (38)	9.31 (45)								H	I	J	K	L	M	93.4
ZX 9383	11.96 (44)	8.65 (47)	6.92 (44)	9.17 (46)									I	J	K	L	M	92.0
DS 783	11.92 (45)	7.74 (50)	6.21 (48)	8.62 (49)												L	M	86.5
DS 781	11.07 (50)	7.88 (49)	5.97 (50)	8.31 (50)													M	83.4
MEAN	12.70	9.78	7.75	10.08														
CV	7.20	10.90	12.60	5.50														
LSD (.05)	1.27	1.49	1.37	1.29														

VARIETY X YEAR INTERACTION IS SIGNIFICANT

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.