

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										
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
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
SW 9628	13.24	(12)	11.14	(03)	9.17	(02)	11.18	(03)	A B C	112.2
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
SW 9720	13.03	(17)	10.28	(14)	8.09	(15)	10.47	(14)	A B C D E F G H	105.0
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.