

Table 11. 2004-05 YIELDS, UC IMPERIAL VALLEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 10/3/2003

	FD	2004 Yield	2005 Yield	Average		% OF CUF101
Released Varieties			dry t/ac			%
La Jolla(IVM1)	9	9.8 (1)	8.3 (1)	9.1 (1)	A	109.9
ZS0301		2.0 (2)	8.0 (7)	8.9 (2)	A B	107.9
WL711	10	1.0 (4)	8.1 (3)	8.7 (3)	A B C	105.1
UCImpaloWF	9	9.1 (10)	8.1 (2)	8.6 (4)	A B C	104.0
UN900	10	9.1 (8)	8.0 (8)	8.6 (6)	A B C	103.8
UCCibola	9	9.2 (5)	7.8 (10)	8.5 (8)	A B C D	102.7
FG9S903	9	9.2 (7)	7.7 (11)	8.4 (9)	A B C D E	102.0
Catalina(SW9217)	9	8.8 (16)	8.0 (6)	8.4 (10)	A B C D E	101.9
59N49	9	9.4 (3)	7.4 (14)	8.4 (12)	A B C D E	101.5
CUF101	9	9.2 (6)	7.3 (16)	8.3 (13)	A B C D E F	100.0
WL625HQ	9	9.0 (13)	7.4 (15)	8.2 (14)	A B C D E F	99.1
FG9L400	10	9.0 (14)	7.3 (19)	8.1 (15)	A B C D E F	98.3
CW1010(CW89064)	10	8.9 (15)	7.3 (17)	8.1 (16)	A B C D E F	98.2
Highline	9	9.0 (12)	7.2 (22)	8.1 (17)	A B C D E F G	98.2
MeccaIII	9	8.5 (28)	7.7 (12)	8.1 (19)	A B C D E F G H	98.1
Magna995	9	8.6 (24)	7.1 (26)	7.8 (25)	C D E F G H I J	94.9
UAP999	9	8.5 (27)	6.9 (28)	7.7 (27)	C D E F G H I J K	93.7
Magna901	9	8.4 (30)	7.1 (25)	7.7 (28)	C D E F G H I J K	93.6
58N57	8	8.3 (32)	6.7 (30)	7.5 (31)	D E F G H I J K	90.8
Mecca	9	8.1 (34)	6.9 (29)	7.5 (32)	D E F G H I J K	90.7
Salado	9	7.7 (38)	6.2 (36)	7.0 (37)	I J K	84.3
Experimental Varieties						
V920Xtra(999)	9	9.1 (9)	8.1 (5)	8.6 (5)	A B C	103.9
SW9215	9	9.1 (11)	8.0 (9)	8.5 (7)	A B C D	103.0
SW9218	9	8.7 (18)	8.1 (4)	8.4 (11)	A B C D E	101.7
FG101T407	10	8.6 (26)	7.7 (13)	8.1 (18)	A B C D E F G	98.1
DS396	9	8.7 (17)	7.3 (18)	8.0 (20)	A B C D E F G H	97.3
CW99052	10	8.7 (19)	7.3 (20)	8.0 (21)	B C D E F G H I	96.9
V940Xtra(899)	9	8.7 (21)	7.2 (23)	7.9 (22)	B C D E F G H I J	96.0
CW99053	9	8.7 (20)	7.0 (27)	7.9 (23)	B C D E F G H I J	95.2
CW99103	9	8.6 (25)	7.1 (24)	7.8 (24)	C D E F G H I J	95.0
IVM4	9	8.4 (29)	7.3 (21)	7.8 (26)	C D E F G H I J	94.8
ZS0300		8.6 (23)	6.7 (31)	7.6 (29)	C D E F G H I J K	92.4
IVM2	9	8.6 (22)	6.6 (32)	7.6 (30)	C D E F G H I J K	92.3
DSM1	9	8.3 (33)	6.5 (33)	7.4 (33)	E F G H I J K	89.3
IVM3	9	8.3 (31)	6.2 (37)	7.3 (34)	F G H I J K	87.9
DSM2	9	7.8 (36)	6.3 (35)	7.1 (35)	G H I J K	85.4
DS399	9	7.7 (39)	6.4 (34)	7.0 (36)	H I J K	85.2
DSM4	9	8.1 (35)	5.8 (38)	6.9 (38)	J K	83.9
DSM5	8	7.7 (37)	5.7 (40)	6.7 (39)	K	81.6
DSM3	9	7.6 (40)	5.8 (39)	6.7 (40)	K	80.9
Mean		8.67	7.18	7.93		
CV		8.9	11.4	5.1		
LSD (.05)		1.07	1.14	1.06		

Variety X Year interaction is significant

Trial planted at 25 lb/acre viable seed in Imperial clay loam soil at the UC Desert Research and Extension Center, Holtville, CA. Entries followed by the same letter are no significantly different at the 5% probability level according to Fishers (protected) LSD. FD = Fall Dormancy reported by seed companies.