

TABLE 10. 2006 YIELDS, UC IMPERIAL VALLEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 11/30/2005

Note: Single year data should not be used to evaluate alfalfa varieties or choose alfalfa cultivars

		Cut 1	Cut 2	Cut 3	Cut 4	Cut 5	Cut 6	Cut 7	Cut 8	YEAR	% of	
		16-Mar	2-May	1-Jun	29-Jun	2-Aug	5-Sep	5-Oct	15-Nov	TOTAL	CUF101	
	FD	Dry t/a									%	
Released Varieties												
Royal 10	10	1.3 (1)	1.3 (2)	1.5 (2)	1.3 (5)	0.5 (4)	0.5 (5)	0.6 (5)	0.6 (6)	7.8 (1)	A	118.8
Impalo	9	1.3 (7)	1.3 (7)	1.5 (5)	1.4 (1)	0.6 (3)	0.5 (1)	0.6 (4)	0.6 (4)	7.8 (2)	AB	118.2
Highline	9	1.3 (6)	1.3 (4)	1.4 (12)	1.2 (16)	0.5 (15)	0.4 (11)	0.7 (3)	0.7 (1)	7.5 (5)	ABC	114.2
59N49	9	1.3 (2)	1.3 (16)	1.4 (9)	1.3 (8)	0.5 (7)	0.5 (7)	0.6 (12)	0.6 (13)	7.5 (6)	ABC	114.1
WL 625 HQ	9	1.3 (7)	1.3 (13)	1.3 (17)	1.4 (3)	0.5 (9)	0.4 (9)	0.6 (7)	0.6 (7)	7.4 (7)	ABCD	113.0
El Camino 888	8	1.2 (17)	1.3 (9)	1.5 (1)	1.3 (7)	0.5 (13)	0.4 (9)	0.6 (15)	0.6 (16)	7.4 (9)	ABCD	112.9
CW 909	9	1.2 (16)	1.4 (1)	1.4 (8)	1.3 (9)	0.5 (23)	0.4 (15)	0.6 (17)	0.6 (11)	7.3 (11)	ABCDE	110.7
El Camino 1010	10	1.3 (4)	1.3 (11)	1.4 (11)	1.2 (15)	0.5 (20)	0.4 (22)	0.6 (18)	0.6 (14)	7.3 (13)	ABCDE	110.1
El Camino 999	9	1.3 (9)	1.3 (14)	1.5 (4)	1.2 (14)	0.5 (19)	0.4 (17)	0.5 (22)	0.5 (25)	7.2 (14)	ABCDE	109.2
Max Royal	9	1.1 (26)	1.3 (5)	1.4 (7)	1.2 (17)	0.5 (9)	0.4 (14)	0.6 (11)	0.6 (12)	7.2 (15)	ABCDE	108.9
AL999	9	1.2 (11)	1.3 (6)	1.3 (23)	1.3 (11)	0.5 (8)	0.4 (23)	0.5 (20)	0.6 (17)	7.1 (16)	ABCDE	108.3
TriplePlay	9	1.2 (20)	1.3 (14)	1.4 (9)	1.3 (12)	0.5 (11)	0.4 (12)	0.5 (25)	0.6 (20)	7.1 (17)	ABCDE	108.2
HB8900 (91T403)	9	1.2 (17)	1.2 (18)	1.3 (19)	1.2 (13)	0.5 (22)	0.4 (13)	0.6 (9)	0.6 (19)	7.0 (19)	BCDEF	106.7
El Camino 999 M/L	9	1.1 (23)	1.3 (3)	1.3 (24)	1.1 (22)	0.4 (27)	0.4 (20)	0.6 (8)	0.6 (5)	6.9 (20)	CDEF	104.7
Belleza Verde	10	1.2 (10)	1.3 (12)	1.3 (20)	1.1 (23)	0.5 (18)	0.4 (25)	0.5 (27)	0.5 (28)	6.9 (21)	CDEF	104.0
Saltana(SW9332)	9	1.1 (22)	1.2 (24)	1.3 (25)	1.1 (26)	0.4 (26)	0.4 (21)	0.6 (14)	0.6 (21)	6.6 (25)	EF	100.6
CUF101	9	1.1 (24)	1.2 (23)	1.2 (27)	1.1 (21)	0.5 (21)	0.4 (24)	0.5 (24)	0.6 (17)	6.6 (27)	EF	100.0
Experimental Varieties												
CW 20046	10	1.3 (5)	1.3 (8)	1.4 (14)	1.4 (2)	0.6 (2)	0.5 (8)	0.6 (13)	0.6 (9)	7.5 (3)	ABC	114.4
ADF 05801	9	1.2 (13)	1.3 (10)	1.5 (3)	1.3 (4)	0.5 (6)	0.5 (6)	0.6 (10)	0.6 (15)	7.5 (4)	ABC	114.3
DS593	9	1.2 (15)	1.3 (17)	1.4 (13)	1.3 (6)	0.5 (4)	0.5 (4)	0.6 (6)	0.7 (2)	7.4 (8)	ABCD	112.9
UC-409	10	1.1 (25)	1.2 (20)	1.4 (6)	1.2 (18)	0.5 (12)	0.5 (3)	0.7 (1)	0.6 (8)	7.3 (10)	ABCDE	111.1
DS594	9	1.3 (3)	1.2 (19)	1.4 (16)	1.3 (10)	0.5 (14)	0.4 (19)	0.6 (16)	0.6 (10)	7.3 (12)	ABCDE	110.4
SW9434	9	1.0 (27)	1.2 (22)	1.3 (18)	1.1 (28)	0.5 (16)	0.5 (2)	0.7 (2)	0.7 (3)	7.1 (18)	BCDEF	107.0
IVM5	9	1.2 (14)	1.2 (26)	1.3 (21)	1.1 (24)	0.5 (17)	0.4 (18)	0.5 (23)	0.6 (23)	6.7 (22)	DEF	102.3
DS595	9	1.2 (12)	1.2 (21)	1.4 (15)	1.2 (20)	0.4 (25)	0.3 (27)	0.5 (28)	0.5 (26)	6.7 (23)	DEF	102.1
CW19062	10	1.2 (21)	1.2 (25)	1.3 (22)	1.2 (19)	0.4 (24)	0.4 (26)	0.5 (26)	0.5 (27)	6.6 (24)	EF	100.8
101T409	10	1.2 (19)	1.1 (28)	1.2 (28)	1.1 (25)	0.6 (1)	0.4 (16)	0.5 (20)	0.6 (24)	6.6 (26)	EF	100.2
UC-410	10	1.0 (28)	1.2 (27)	1.2 (26)	1.1 (27)	0.4 (28)	0.3 (28)	0.6 (19)	0.6 (22)	6.3 (28)	F	96.0
MEAN		1.19	1.27	1.37	1.22	0.49	0.43	0.58	0.60	7.14		
CV		10.6	7.5	10.3	12.8	16.7	15.4	14.0	13.2	9.0		
LSD (0.1)		0.15	0.11	0.17	0.19	NS	0.08	0.10	NS	0.77		

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 10% probability level according to Fishers (protected) LSD.

FD = Fall Dormancy reported by seed companies.