

2013 YIELDS, UC IMPERIAL VALLEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 10/8/2012

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	Cut 9	YEAR		% of
		21-Feb	4-Apr	2-May	3-Jun	1-Jul	30-Jul	4-Sep	10-Oct	10-Dec	TOTAL		CUF 101
	FD	Dry t/a											%
Released Varieties													
AmeriStand 901TS(Opt)	9	1.5 (13)	2.3 (4)	2.0 (9)	2.7 (2)	2.5 (2)	1.7 (3)	1.3 (4)	0.9 (22)	1.1 (9)	16.0 (1)	A	106.4
Un Padre	9	1.7 (2)	2.3 (6)	2.0 (12)	2.5 (13)	2.4 (8)	1.6 (9)	1.2 (8)	1.0 (2)	1.2 (2)	15.7 (4)	ABCD	104.8
Highline	9	1.6 (9)	2.2 (12)	2.0 (19)	2.5 (11)	2.4 (5)	1.7 (4)	1.2 (11)	0.9 (13)	1.1 (16)	15.5 (5)	ABCDE	103.0
Tres Padres	9	1.7 (1)	2.3 (5)	2.1 (3)	2.5 (12)	2.2 (25)	1.4 (30)	1.1 (28)	1.0 (8)	1.1 (6)	15.3 (6)	ABCDEF	101.9
FGI 96T706	9	1.6 (10)	2.2 (27)	1.9 (25)	2.5 (15)	2.3 (12)	1.6 (5)	1.2 (16)	1.0 (5)	1.1 (18)	15.2 (8)	ABCDEFG	101.4
Catalina	9	1.4 (30)	2.2 (24)	1.9 (27)	2.4 (24)	2.5 (1)	1.7 (2)	1.2 (10)	1.0 (10)	1.0 (27)	15.2 (9)	ABCDEFG	101.4
Westar	9	1.6 (8)	2.1 (34)	2.1 (2)	2.6 (3)	2.4 (3)	1.5 (16)	1.1 (21)	0.7 (36)	1.0 (25)	15.2 (10)	ABCDEFG	101.4
Excelente HQML	10	1.5 (23)	2.3 (3)	2.0 (15)	2.5 (8)	2.3 (16)	1.5 (20)	1.2 (13)	0.8 (31)	1.2 (1)	15.2 (11)	ABCDEFG	101.4
CW 1010	9	1.4 (28)	2.2 (13)	2.0 (8)	2.5 (17)	2.4 (4)	1.6 (6)	1.1 (22)	0.9 (21)	1.1 (13)	15.2 (12)	ABCDEFGH	101.2
UC Cibola	9	1.5 (18)	2.2 (25)	2.0 (7)	2.6 (4)	2.3 (9)	1.6 (15)	1.2 (17)	0.9 (16)	1.0 (32)	15.2 (13)	ABCDEFGH	101.2
Excelente Plus	10	1.5 (21)	2.3 (2)	2.0 (18)	2.6 (5)	2.2 (24)	1.5 (24)	1.2 (15)	0.8 (29)	1.2 (2)	15.2 (14)	ABCDEFGH	101.1
Sun Quest	6	1.5 (20)	2.2 (14)	1.9 (23)	2.4 (20)	2.2 (26)	1.5 (17)	1.3 (3)	0.9 (23)	1.1 (7)	15.1 (15)	BCDEFGH	100.5
Excelente 11	11	1.5 (11)	2.3 (8)	2.0 (5)	2.5 (7)	2.2 (27)	1.5 (22)	1.1 (31)	0.8 (24)	1.1 (10)	15.0 (16)	BCDEFGH	100.1
FGI 118T816	9	1.5 (24)	2.1 (30)	1.8 (35)	2.3 (34)	2.3 (13)	1.7 (1)	1.2 (14)	1.1 (1)	1.1 (19)	15.0 (17)	BCDEFGH	100.1
WL 656HQ	6	1.4 (26)	2.1 (32)	1.9 (20)	2.6 (6)	2.2 (19)	1.6 (11)	1.2 (7)	0.8 (24)	1.1 (17)	15.0 (19)	BCDEFGH	100.0
Cuf 101	9	1.5 (25)	2.2 (29)	1.9 (21)	2.5 (9)	2.3 (15)	1.6 (14)	1.1 (23)	0.9 (21)	1.1 (20)	15.0 (20)	BCDEFGH	100.0
FGI 106T701	9	1.5 (16)	2.2 (11)	2.0 (6)	2.5 (17)	2.3 (11)	1.5 (21)	1.1 (32)	0.9 (17)	1.0 (31)	15.0 (21)	CDEFGH	99.7
CW 080046	9	1.3 (34)	2.2 (20)	2.0 (14)	2.5 (10)	2.3 (14)	1.6 (12)	1.2 (9)	0.9 (15)	1.0 (29)	15.0 (22)	CDEFGH	99.6
WL 712	10	1.6 (4)	2.3 (7)	2.0 (10)	2.5 (14)	2.2 (18)	1.4 (33)	1.1 (24)	0.8 (33)	1.1 (11)	15.0 (23)	CDEFGH	99.5
AmeriStand 901TS	9	1.5 (22)	2.2 (26)	1.9 (28)	2.4 (23)	2.4 (6)	1.6 (7)	1.1 (27)	0.9 (18)	1.0 (34)	14.9 (24)	DEFGHI	99.3
4N900	9	1.5 (12)	2.2 (28)	2.0 (16)	2.4 (25)	2.2 (20)	1.5 (18)	1.1 (29)	0.9 (18)	1.0 (22)	14.8 (26)	EFGHI	98.6
UC Impalo	9	1.5 (14)	2.2 (19)	1.9 (33)	2.3 (30)	2.2 (28)	1.5 (27)	1.2 (19)	1.0 (9)	1.1 (8)	14.8 (27)	EFGHI	98.5
Saltana	9	1.5 (19)	2.2 (22)	1.9 (31)	2.4 (22)	2.2 (29)	1.6 (10)	1.0 (33)	0.9 (20)	1.0 (35)	14.6 (29)	EFGHIJ	97.4
AmeriStand 901TS(EMD)	9	1.5 (15)	2.2 (17)	1.9 (32)	2.3 (31)	2.1 (32)	1.4 (31)	1.1 (30)	0.8 (28)	1.0 (21)	14.4 (32)	HIJK	95.6
Excelente XL	10	1.3 (33)	2.1 (33)	1.9 (26)	2.4 (21)	2.0 (33)	1.3 (34)	1.1 (26)	0.8 (32)	1.0 (32)	14.1 (33)	IJKL	93.6
HybridForce-800	9	1.2 (36)	2.1 (35)	2.0 (11)	2.3 (33)	1.9 (35)	1.2 (36)	1.0 (36)	0.8 (34)	1.0 (28)	13.6 (35)	KL	90.3
La Jolla	9	1.2 (35)	2.1 (31)	1.9 (22)	2.3 (35)	1.8 (36)	1.2 (35)	1.0 (34)	0.7 (35)	1.0 (24)	13.5 (36)	L	89.6
Experimental Varieties													
DS919	9	1.6 (7)	2.4 (1)	2.1 (1)	2.7 (1)	2.4 (6)	1.6 (13)	1.2 (12)	0.8 (30)	1.1 (14)	15.9 (2)	AB	105.6
UC-412	9	1.6 (5)	2.2 (9)	2.0 (13)	2.5 (19)	2.3 (10)	1.6 (8)	1.4 (1)	1.0 (3)	1.1 (4)	15.8 (3)	ABC	105.1
UC-415	9	1.6 (3)	2.2 (16)	1.9 (30)	2.4 (26)	2.2 (22)	1.5 (19)	1.2 (5)	1.0 (4)	1.1 (5)	15.2 (7)	ABCDEFG	101.4
UC-414	9	1.6 (6)	2.2 (18)	1.9 (24)	2.4 (27)	2.3 (17)	1.5 (23)	1.2 (20)	0.9 (12)	1.1 (11)	15.0 (18)	BCDEFGH	100.1
UC-411	9	1.5 (17)	2.2 (15)	2.0 (17)	2.4 (28)	2.2 (21)	1.5 (26)	1.1 (25)	1.0 (7)	1.0 (23)	14.9 (25)	DEFGHI	99.1
UC-409	9	1.4 (27)	2.2 (21)	1.8 (34)	2.3 (31)	2.1 (30)	1.5 (25)	1.3 (2)	1.0 (6)	1.0 (26)	14.8 (28)	EFGHIJ	98.3
DS1064	9	1.4 (32)	2.2 (10)	2.1 (4)	2.5 (16)	2.1 (31)	1.4 (32)	1.0 (35)	0.8 (26)	1.1 (15)	14.5 (30)	FGHIJ	96.7
UC-410	9	1.4 (29)	2.2 (23)	1.9 (28)	2.3 (29)	2.2 (23)	1.4 (29)	1.2 (6)	0.8 (27)	0.9 (36)	14.4 (31)	GHIJ	96.1
UC-413	9	1.4 (31)	2.0 (36)	1.8 (36)	2.3 (36)	2.0 (34)	1.4 (28)	1.2 (18)	0.9 (14)	1.0 (30)	13.9 (34)	JKL	92.6
MEAN		1.49	2.21	1.94	2.45	2.23	1.52	1.16	0.89	1.06	14.95		
CV		7.8	7.2	5.3	7.1	10.5	12.2	12.1	11.2	8.4	5.9		
LSD (0.1)		0.11	NS	0.10	0.17	0.23	0.18	0.14	0.10	0.09	0.86		

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.