

2014 YIELDS, UC IMPERIAL VALLEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED OCT 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	YEAR		% of
	FD	10-Mar	4-Apr	8-May	5-Jun	3-Jul	31-Jul	28-Aug	2-Oct	TOTAL		CUF 10'
		Dry t/a										%
Released Varieties												
AmeriStand 901TS(Opt)	9	1.2 (2)	1.1 (1)	1.7 (3)	2.5 (1)	2.0 (3)	1.2 (3)	0.7 (8)	0.4 (19)	10.9 (1)	A	111.4
FGI 118T816	9	1.2 (1)	1.1 (8)	1.6 (28)	2.2 (17)	2.0 (1)	1.3 (2)	0.8 (1)	0.6 (3)	10.9 (2)	A	111.2
Catalina	9	1.1 (11)	1.1 (4)	1.7 (12)	2.5 (2)	2.0 (2)	1.2 (6)	0.7 (4)	0.5 (11)	10.8 (3)	A B	110.6
FGI 96T706	9	1.1 (9)	1.1 (2)	1.7 (16)	2.2 (29)	1.9 (5)	1.3 (1)	0.8 (2)	0.6 (4)	10.7 (4)	A B C	110.0
Excelente HQML	10	1.2 (5)	1.1 (6)	1.8 (2)	2.3 (10)	1.9 (6)	1.2 (14)	0.7 (7)	0.4 (20)	10.5 (5)	A B C D	107.5
Un Padre	9	1.2 (7)	1.1 (10)	1.7 (9)	2.2 (15)	1.8 (15)	1.2 (12)	0.7 (3)	0.6 (1)	10.5 (6)	A B C D	107.4
CW 080046	9	1.2 (3)	1.1 (13)	1.7 (10)	2.3 (6)	1.9 (4)	1.2 (13)	0.6 (18)	0.5 (12)	10.5 (8)	A B C D	107.4
CW 1010	9	1.1 (21)	1.0 (24)	1.7 (5)	2.3 (8)	1.9 (7)	1.2 (7)	0.6 (15)	0.5 (16)	10.3 (10)	A B C D E	105.6
FGI 106T701	9	1.1 (24)	1.1 (11)	1.7 (8)	2.3 (7)	1.8 (20)	1.2 (11)	0.7 (6)	0.5 (15)	10.2 (12)	A B C D E	104.8
UC Cibola	9	1.1 (15)	1.1 (15)	1.7 (4)	2.2 (14)	1.8 (16)	1.1 (19)	0.6 (20)	0.4 (18)	10.1 (13)	A B C D E	103.5
Highline	9	1.0 (28)	1.1 (9)	1.7 (17)	2.4 (5)	1.8 (19)	1.1 (15)	0.6 (16)	0.4 (30)	10.1 (14)	A B C D E	103.4
AmeriStand 901TS	9	1.1 (21)	1.1 (12)	1.6 (32)	2.3 (11)	1.9 (10)	1.2 (9)	0.7 (13)	0.4 (27)	10.1 (15)	A B C D E	103.1
UC Impalo	9	1.1 (17)	1.1 (14)	1.6 (24)	2.2 (24)	1.8 (23)	1.1 (25)	0.6 (17)	0.6 (5)	10.0 (16)	A B C D E	102.8
Sun Quest	6	1.1 (8)	1.0 (19)	1.7 (14)	2.2 (22)	1.8 (24)	1.1 (26)	0.7 (11)	0.5 (14)	10.0 (17)	B C D E	102.5
4N900	9	1.1 (25)	1.0 (18)	1.7 (15)	2.2 (13)	1.9 (12)	1.2 (10)	0.6 (21)	0.4 (36)	10.0 (18)	B C D E	102.3
Westar	9	1.1 (23)	1.0 (27)	1.7 (13)	2.4 (4)	1.9 (11)	1.0 (31)	0.5 (35)	0.4 (23)	10.0 (20)	B C D E	102.0
AmeriStand 901TS(EMD)	9	1.1 (12)	1.1 (7)	1.6 (20)	2.0 (36)	1.7 (29)	1.2 (5)	0.6 (23)	0.5 (13)	9.9 (21)	C D E	101.5
WL 656HQ	6	1.1 (14)	1.0 (25)	1.6 (26)	2.2 (30)	1.8 (21)	1.1 (22)	0.6 (14)	0.4 (17)	9.9 (22)	D E	101.1
Excelente XL	10	1.0 (29)	1.0 (30)	1.6 (19)	2.3 (9)	1.7 (32)	1.1 (17)	0.6 (22)	0.4 (25)	9.8 (23)	D E F	100.2
Excelente Plus	10	1.2 (6)	1.0 (20)	1.7 (7)	2.2 (25)	1.7 (33)	1.0 (30)	0.6 (29)	0.4 (26)	9.8 (24)	D E F	100.1
Tres Padres	9	1.1 (19)	1.0 (22)	1.6 (31)	2.1 (34)	1.8 (26)	1.1 (21)	0.7 (12)	0.5 (8)	9.8 (25)	D E F	100.0
Cuf 101	9	1.0 (30)	1.0 (29)	1.6 (21)	2.2 (19)	1.8 (17)	1.1 (20)	0.6 (25)	0.4 (31)	9.8 (26)	D E F	100.0
Excelente 11	11	1.1 (20)	1.0 (31)	1.6 (25)	2.2 (18)	1.8 (22)	1.0 (28)	0.5 (32)	0.4 (22)	9.7 (28)	D E F	99.5
Saltana	9	1.1 (27)	1.1 (17)	1.5 (36)	2.1 (33)	1.9 (13)	1.0 (29)	0.6 (19)	0.5 (10)	9.7 (29)	D E F	99.2
WL 712	10	1.1 (18)	1.0 (33)	1.7 (11)	2.2 (16)	1.7 (34)	0.9 (34)	0.5 (34)	0.4 (34)	9.5 (33)	E F	97.2
La Jolla	9	1.0 (35)	0.9 (35)	1.5 (34)	2.2 (26)	1.6 (36)	0.9 (35)	0.6 (27)	0.4 (32)	9.0 (35)	F	92.4
HybridForce-800	9	0.9 (36)	0.9 (36)	1.6 (33)	2.2 (28)	1.7 (35)	0.9 (36)	0.5 (33)	0.4 (21)	9.0 (36)	F	92.3
Experimental Varieties												
DS919	9	1.1 (13)	1.1 (3)	1.8 (1)	2.4 (3)	1.9 (8)	1.1 (18)	0.6 (24)	0.4 (24)	10.5 (7)	A B C D	107.4
UC-412	9	1.2 (4)	1.1 (5)	1.7 (6)	2.3 (12)	1.9 (9)	1.2 (8)	0.7 (10)	0.5 (7)	10.5 (9)	A B C D	107.3
UC-415	9	1.1 (10)	1.0 (21)	1.6 (27)	2.2 (27)	1.9 (14)	1.2 (4)	0.7 (5)	0.5 (9)	10.3 (11)	A B C D E	105.1
UC-409	9	1.1 (16)	1.0 (28)	1.6 (22)	2.1 (31)	1.8 (25)	1.1 (16)	0.6 (26)	0.6 (2)	10.0 (19)	B C D E	102.1
UC-411	9	1.0 (34)	1.1 (16)	1.6 (23)	2.2 (21)	1.8 (18)	1.1 (23)	0.6 (28)	0.4 (33)	9.7 (27)	D E F	99.5
UC-414	9	1.0 (32)	1.0 (32)	1.6 (29)	2.2 (23)	1.7 (28)	1.1 (24)	0.5 (30)	0.4 (29)	9.5 (30)	E F	97.5
UC-413	9	1.0 (33)	0.9 (34)	1.5 (35)	2.0 (35)	1.7 (30)	1.1 (27)	0.7 (9)	0.6 (5)	9.5 (31)	E F	97.5
UC-410	9	1.1 (25)	1.0 (26)	1.6 (18)	2.1 (32)	1.7 (27)	1.0 (32)	0.5 (36)	0.4 (28)	9.5 (32)	E F	97.3
DS1064	9	1.0 (31)	1.0 (23)	1.6 (30)	2.2 (20)	1.7 (31)	1.0 (33)	0.5 (31)	0.4 (35)	9.5 (34)	E F	97.0
MEAN		1.09	1.04	1.64	2.23	1.82	1.11	0.62	0.46	10.01		
CV		8.1	10.4	9.4	12.5	10.2	13.4	17.6	23.3	8.7		
LSD (0.1)		0.09	0.11	NS	NS	0.18	0.14	0.11	0.10	0.85		

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 not significantly different at the 10% probability level according to Fishers (protected) LSD.

FD = Fall Dormancy reported by seed companies.