

2012 Yields, UC Davis Alfalfa Cultivar Trial (Trial planted Nov. 2, 2011)

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

		Cut 1	Cut 2	Cut 3	Cut 4	YEAR	
		24-May	18-Jun	23-Jul	20-Aug	TOTAL	
	FD			Dry t/a			
Released Varieties							
WL 440HQ	6	1.6 (14)	1.5 (7)	2.2 (1)	1.9 (2)	7.2 (2)	AB
Catalina	9	1.7 (3)	1.5 (12)	2.1 (6)	1.9 (4)	7.1 (3)	ABC
Westar	8	1.7 (6)	1.6 (2)	1.9 (15)	1.8 (6)	7.1 (4)	ABCD
FGI R96Bx308	ND	1.6 (12)	1.5 (11)	2.2 (2)	1.7 (15)	7.1 (6)	ABCDE
Saltana	9	1.6 (13)	1.5 (13)	2.1 (5)	1.8 (7)	7.0 (7)	ABCDEF
6R100	6	1.4 (35)	1.5 (10)	2.2 (3)	1.8 (5)	6.9 (8)	ABCDEFG
GrandSlam	8	1.6 (18)	1.5 (6)	2.0 (11)	1.7 (16)	6.8 (9)	ABCDEFGH
6610N	6	1.5 (20)	1.4 (24)	2.0 (14)	1.9 (3)	6.7 (11)	ABCDEFGHI
Integra 8600	6	1.6 (16)	1.5 (5)	1.9 (18)	1.5 (27)	6.6 (12)	ABCDEFGHIJ
FGI R66Bx311	ND	1.6 (17)	1.5 (14)	2.0 (7)	1.5 (28)	6.6 (13)	ABCDEFGHIJ
HybriForce-2600	6	1.8 (1)	1.3 (36)	1.9 (23)	1.6 (24)	6.6 (15)	BCDEFGHIJ
AmeriStand 803T (Opt-Gold+)	9	1.6 (15)	1.4 (19)	1.8 (30)	1.8 (11)	6.5 (16)	BCDEFGHIJ
FGI R56Bx214	ND	1.4 (33)	1.4 (15)	2.0 (10)	1.7 (12)	6.5 (17)	BCDEFGHIJ
DS611	6	1.7 (4)	1.4 (30)	1.8 (31)	1.6 (22)	6.4 (19)	BCDEFGHIJKL
WL 454HQ.RR	6	1.4 (26)	1.5 (8)	2.0 (9)	1.4 (38)	6.4 (20)	BCDEFGHIJKL
AmeriStand 803T	8	1.7 (7)	1.5 (9)	1.7 (35)	1.5 (36)	6.4 (21)	BCDEFGHIJKL
FGI R57W213	ND	1.3 (39)	1.4 (29)	1.9 (20)	1.8 (9)	6.3 (22)	CDEFGHIJKLM
DKA65-10RR	6	1.6 (11)	1.4 (16)	1.7 (34)	1.5 (29)	6.3 (23)	CDEFGHIJKLM
Arriba II	6	1.6 (9)	1.3 (33)	1.7 (38)	1.6 (20)	6.3 (25)	DEFGHIJKLMN
4R200	4	1.5 (25)	1.3 (31)	2.0 (13)	1.5 (35)	6.2 (26)	EFGHIJKLMN
FGI R57K138	ND	1.4 (34)	1.3 (35)	1.8 (28)	1.6 (25)	6.1 (29)	GHIJKLMNO
Revolt (RR)	6	1.5 (24)	1.3 (38)	1.6 (42)	1.6 (19)	6.0 (31)	HIJKLMNO
DS815	8	1.3 (38)	1.4 (23)	1.8 (26)	1.4 (39)	6.0 (32)	HIJKLMNO
FGI R65BD279	ND	1.4 (28)	1.4 (17)	1.6 (40)	1.5 (33)	6.0 (33)	HIJKLMNO
Gunner	5	1.1 (46)	1.3 (36)	1.7 (33)	1.8 (8)	5.9 (34)	HIJKLMNO
8R100	8.5	1.5 (22)	1.2 (47)	1.8 (29)	1.5 (34)	5.9 (35)	HIJKLMNO
FGI R47OK215	ND	1.3 (42)	1.3 (32)	1.7 (37)	1.6 (21)	5.9 (36)	HIJKLMNO
La Jolla	9	1.4 (36)	1.4 (22)	1.9 (19)	1.3 (46)	5.9 (37)	IJKLMNO
AmeriStand 803T -EM09	9	1.3 (41)	1.4 (26)	1.6 (44)	1.5 (31)	5.7 (42)	JKLMNO
Integra 8800	8	1.3 (40)	1.3 (42)	1.7 (32)	1.4 (45)	5.7 (43)	KLMNO
FGI R57K337	ND	1.3 (43)	1.2 (45)	1.5 (45)	1.6 (23)	5.6 (44)	LMNO
Pacifico	8	1.2 (44)	1.3 (41)	1.5 (47)	1.5 (37)	5.4 (46)	NO
Tango	6	1.2 (45)	1.2 (43)	1.6 (39)	1.3 (47)	5.3 (47)	O
Experimental Varieties							
SW 9106	9	1.7 (5)	1.6 (3)	2.1 (4)	2.0 (1)	7.4 (1)	A
SW 9107	9	1.8 (2)	1.6 (4)	2.0 (12)	1.8 (10)	7.1 (5)	ABCDE
SW 920	9	1.5 (21)	1.7 (1)	1.9 (21)	1.7 (17)	6.7 (10)	ABCDEF GHI
DS107444	7	1.6 (8)	1.4 (25)	1.8 (25)	1.7 (18)	6.6 (14)	ABCDEF GHI J
SW 8105	8	1.4 (31)	1.4 (28)	2.0 (8)	1.7 (13)	6.5 (18)	BCDEFGHI JK
UC-412	9	1.6 (10)	1.4 (20)	1.9 (22)	1.4 (41)	6.3 (24)	CDEFGHI JKLM
UC-409	9	1.4 (29)	1.4 (26)	1.9 (17)	1.5 (32)	6.2 (27)	EFGHI JKLMN
UC-410	9	1.4 (27)	1.3 (34)	1.8 (27)	1.6 (26)	6.2 (28)	F GHI JKLMNO
UC-413	9	1.4 (32)	1.4 (18)	1.9 (24)	1.4 (42)	6.1 (30)	GHI JKLMNO
SW 910	9	1.1 (47)	1.2 (46)	1.9 (16)	1.7 (14)	5.9 (38)	I JKLMNO
SW 900	9	1.5 (19)	1.4 (21)	1.6 (43)	1.4 (44)	5.9 (39)	JKLMNO
UC-415	9	1.4 (30)	1.2 (44)	1.7 (36)	1.5 (30)	5.9 (40)	JKLMNO
UC-414	9	1.5 (23)	1.3 (39)	1.6 (41)	1.4 (40)	5.8 (41)	JKLMNO
UC-411	9	1.3 (37)	1.3 (40)	1.5 (46)	1.4 (43)	5.5 (45)	MNO
MEAN		1.47	1.39	1.84	1.60	6.31	
CV		20.4	12.4	15.4	14.3	11.3	
LSD (0.1)		0.36	0.21	0.34	0.27	0.85	

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at the Univ. of California Agronomy Farm, Davis, 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.

Cuf 101 was included in this trial, but data was eliminated due to doubts about the source of the seed.

On 9/24 a partial harvest was taken and the total average yield(mean) was 1.1 t/A. The overall mean including the 5th cut is 7.44 t/A.