

2013 Yields, Modesto Alfalfa Cultivar Trial (Trial planted Nov 7, 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	Cut 5	Cut 6	Cut 7	Cut 8	YEAR	
	FD	19-Mar	26-Apr	27-May	25-Jun	16-Jul	13-Aug	20-Sep	22-Oct	TOTAL	
Released Varieties											
Westar	8	2.3 (2)	1.7 (1)	2.3 (2)	2.1 (4)	2.3 (1)	1.7 (5)	2.2 (2)	1.4 (2)	16.0 (1)	A
Integra 8600	6	2.2 (15)	1.3 (25)	2.2 (11)	2.1 (2)	2.2 (3)	1.6 (7)	2.3 (1)	1.3 (5)	15.1 (4)	ABC
AmeriStand 803T	8	2.2 (10)	1.3 (31)	2.1 (12)	1.9 (17)	2.1 (5)	1.8 (1)	2.1 (5)	1.3 (10)	14.8 (6)	ABCD
Saltana	9	2.0 (29)	1.5 (6)	2.3 (1)	2.0 (8)	2.1 (9)	1.5 (25)	2.1 (10)	1.3 (7)	14.8 (7)	ABCDE
DS815	8	2.4 (1)	1.4 (14)	2.2 (9)	2.0 (9)	2.0 (16)	1.6 (20)	2.1 (7)	1.2 (32)	14.8 (8)	ABCDE
Pacifico	8	2.1 (16)	1.3 (21)	2.1 (18)	1.9 (16)	2.1 (7)	1.6 (9)	2.1 (8)	1.3 (10)	14.6 (9)	ABCDE F
Arriba II (EM-09)	6	2.2 (11)	1.3 (30)	2.1 (19)	2.0 (5)	2.0 (19)	1.5 (23)	2.2 (3)	1.2 (23)	14.5 (10)	ABCDE F
DS919	9	2.0 (31)	1.4 (12)	2.1 (21)	2.0 (11)	2.0 (10)	1.6 (12)	2.1 (5)	1.2 (14)	14.5 (11)	ABCDE F
Artesia Sunrise	7	2.1 (27)	1.5 (4)	2.3 (5)	2.0 (10)	1.9 (24)	1.5 (22)	2.0 (15)	1.1 (37)	14.4 (12)	ABCDE F
DS611	6	2.1 (17)	1.5 (2)	2.2 (10)	1.8 (22)	1.8 (42)	1.6 (14)	1.9 (24)	1.2 (21)	14.2 (15)	BCDE F GHI
4C810	8	2.2 (13)	1.4 (11)	2.2 (8)	1.9 (15)	1.9 (33)	1.5 (23)	1.9 (24)	1.2 (32)	14.2 (16)	BCDE F GHI
Dura 843	8	2.3 (5)	1.4 (15)	2.0 (27)	1.8 (33)	2.0 (18)	1.4 (31)	2.0 (19)	1.2 (14)	14.1 (17)	BCDE F GHI
Integra 8800	8	2.3 (4)	1.2 (42)	2.0 (28)	1.8 (27)	1.9 (27)	1.8 (3)	1.8 (37)	1.3 (7)	14.1 (18)	BCDE F GHI
AmeriStand 901TS	9	2.3 (7)	1.2 (36)	1.8 (46)	1.8 (32)	2.0 (12)	1.6 (10)	2.0 (17)	1.2 (19)	14.0 (19)	BCDE F GHI J
WL 454HQ.RR	6	2.2 (12)	1.4 (17)	2.1 (20)	1.9 (20)	2.0 (13)	1.6 (14)	1.9 (24)	1.0 (44)	14.0 (20)	BCDE F GHI J
Arriba II	6	2.1 (20)	1.5 (8)	2.1 (15)	1.8 (23)	1.9 (30)	1.5 (25)	1.9 (34)	1.3 (12)	14.0 (21)	BCDE F GHI J
6610N	6	2.3 (8)	1.3 (20)	2.1 (23)	2.0 (6)	1.8 (35)	1.4 (34)	1.9 (32)	1.2 (23)	14.0 (22)	BCDE F GHI J
Transition 6.1	6	2.1 (19)	1.3 (26)	2.1 (16)	1.9 (13)	1.9 (23)	1.5 (30)	1.9 (22)	1.2 (31)	14.0 (23)	BCDE F GHI J K
Tango	6	2.2 (13)	1.5 (5)	2.1 (14)	1.9 (12)	1.8 (36)	1.4 (31)	1.9 (28)	1.1 (40)	14.0 (24)	BCDE F GHI J K
Arriba II(Optimize Gold+)	6	2.1 (23)	1.3 (34)	1.9 (39)	1.9 (18)	2.0 (11)	1.6 (17)	2.0 (20)	1.2 (14)	14.0 (26)	BCDE F GHI J K
La Jolla	9	2.0 (34)	1.4 (18)	2.1 (22)	1.9 (19)	1.9 (31)	1.6 (17)	1.9 (24)	1.2 (19)	13.9 (27)	BCDE F GHI J K
GrandSlam	8	2.1 (21)	1.3 (35)	2.0 (28)	1.7 (39)	1.9 (28)	1.5 (21)	1.9 (22)	1.2 (22)	13.7 (32)	CDE F GHI J K L
Catalina	9	1.9 (44)	1.2 (48)	2.0 (26)	1.7 (44)	1.9 (22)	1.5 (25)	2.1 (10)	1.2 (18)	13.6 (33)	CDE F GHI J K L M
6R100	6	2.0 (31)	1.3 (22)	1.9 (36)	1.7 (41)	1.9 (29)	1.4 (40)	1.8 (36)	1.2 (23)	13.3 (34)	DE F GHI J K L M N
HybridForce-800	8	2.1 (18)	1.3 (19)	1.9 (40)	1.7 (40)	1.8 (46)	1.4 (40)	1.7 (46)	1.1 (39)	13.2 (36)	DE F GHI J K L M N
Revolt	6	2.1 (22)	1.2 (43)	1.9 (34)	1.8 (35)	1.7 (48)	1.4 (31)	1.7 (48)	1.2 (35)	13.0 (40)	DE F GHI J K L M N
Desert Sun 8.10RR	8	1.8 (49)	1.2 (47)	1.8 (48)	1.8 (37)	1.9 (20)	1.4 (34)	1.8 (37)	1.3 (6)	13.0 (41)	F GHI J K L M N
DKA65-10RR	6	2.0 (39)	1.2 (45)	1.9 (38)	1.6 (50)	1.9 (32)	1.4 (40)	1.9 (29)	1.2 (23)	13.0 (42)	F GHI J K L M N
WL 440HQ	6	2.0 (37)	1.2 (46)	1.9 (43)	1.8 (25)	1.8 (43)	1.4 (40)	1.9 (30)	1.0 (42)	12.9 (43)	F GHI J K L M N
Dura 512	5	1.9 (41)	1.3 (27)	2.0 (30)	1.7 (45)	1.7 (47)	1.3 (47)	1.7 (45)	1.0 (46)	12.7 (44)	GHI J K L M N
WL 550.RR	8	1.9 (43)	1.0 (51)	1.8 (49)	1.7 (43)	1.8 (38)	1.4 (37)	1.8 (35)	1.3 (12)	12.7 (45)	HI J K L M N
8R100	8.5	1.8 (50)	1.1 (50)	1.6 (51)	1.7 (42)	1.8 (38)	1.4 (37)	1.8 (43)	1.1 (38)	12.3 (48)	KL M N
Trifecta II	4	1.8 (47)	1.4 (9)	1.9 (35)	1.6 (49)	1.7 (49)	1.1 (51)	1.5 (50)	1.0 (50)	12.2 (49)	L M N
Trifecta	4	1.7 (51)	1.2 (37)	1.8 (47)	1.7 (46)	1.6 (51)	1.3 (46)	1.6 (49)	1.0 (48)	11.9 (50)	M N
Gunner	5	1.8 (45)	1.2 (44)	1.7 (50)	1.5 (51)	1.7 (50)	1.2 (49)	1.5 (50)	1.0 (50)	11.7 (51)	N
Experimental Varieties											
FGI R97T710		2.3 (3)	1.5 (7)	2.3 (4)	2.1 (3)	2.1 (6)	1.8 (1)	2.1 (8)	1.3 (7)	15.4 (2)	AB
FGI R66Bx311		2.3 (6)	1.4 (10)	2.3 (3)	1.9 (21)	2.1 (8)	1.6 (10)	2.1 (10)	1.4 (1)	15.1 (3)	ABC
DS098217	7	2.2 (9)	1.4 (16)	2.2 (7)	2.1 (1)	1.9 (21)	1.8 (3)	2.2 (4)	1.2 (27)	15.0 (5)	ABC
SW 9107	9	2.0 (36)	1.1 (49)	2.1 (13)	1.8 (24)	2.2 (2)	1.7 (6)	2.1 (10)	1.4 (4)	14.4 (13)	ABCDE F G
FGI R57K337		2.0 (33)	1.5 (3)	2.2 (6)	1.8 (36)	1.9 (25)	1.6 (7)	2.1 (10)	1.2 (29)	14.4 (14)	ABCDE F G H
SW 900	9	1.9 (42)	1.4 (13)	2.1 (25)	1.7 (38)	2.0 (14)	1.6 (14)	2.0 (16)	1.2 (14)	14.0 (25)	BCDE F GHI J K
SW 8105	8	2.1 (26)	1.2 (39)	1.9 (42)	1.8 (28)	2.0 (17)	1.6 (12)	1.9 (32)	1.4 (3)	13.8 (28)	BCDE F GHI J K L
SW 920	9	2.1 (25)	1.2 (38)	2.0 (32)	1.8 (34)	2.1 (4)	1.5 (29)	2.0 (21)	1.2 (28)	13.8 (29)	BCDE F GHI J K L
FGI R97T715		2.0 (28)	1.3 (32)	2.1 (17)	1.8 (30)	2.0 (15)	1.6 (17)	1.8 (42)	1.2 (29)	13.8 (30)	BCDE F GHI J K L
SW 910	9	2.0 (40)	1.3 (28)	1.9 (37)	2.0 (7)	1.8 (37)	1.5 (25)	2.0 (18)	1.2 (35)	13.7 (31)	BCDE F GHI J K L
FGI R57W213		2.1 (24)	1.3 (23)	2.1 (24)	1.8 (26)	1.8 (41)	1.3 (44)	1.8 (39)	1.0 (42)	13.3 (35)	DE F GHI J K L M N
SW 9106	9	1.8 (48)	1.3 (29)	1.9 (33)	1.9 (14)	1.9 (34)	1.4 (37)	1.9 (30)	1.0 (45)	13.1 (37)	DE F GHI J K L M N
FGI R96Bx308		2.0 (38)	1.3 (32)	2.0 (31)	1.8 (29)	1.8 (44)	1.4 (34)	1.8 (39)	1.1 (40)	13.1 (38)	EF GHI J K L M N
FGI R65BD279		2.0 (35)	1.2 (40)	1.9 (41)	1.8 (31)	1.9 (26)	1.3 (45)	1.8 (41)	1.2 (32)	13.1 (39)	EF GHI J K L M N
FGI R57K138		2.0 (30)	1.3 (24)	1.8 (45)	1.7 (47)	1.8 (40)	1.2 (50)	1.7 (46)	1.0 (48)	12.6 (46)	I J K L M N
FGI R56Bx214		1.8 (46)	1.2 (41)	1.9 (44)	1.7 (48)	1.8 (45)	1.3 (48)	1.8 (44)	1.0 (46)	12.4 (47)	J K L M N
MEAN		2.06	1.32	2.02	1.84	1.92	1.50	1.92	1.19	13.77	
CV		12.3	18.3	14.6	10.1	12.1	15.2	14.3	14.9	10.4	
LSD (0.1)		0.30	NS	NS	0.22	0.27	0.27	0.33	0.21	1.70	

Trial seeded at 25 lb/acre viable seed on Stanislaus sandy soil at Stanislaus Farm Supply, Modesto 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 the data was eliminated due to doubts about the source of the seed.