

2012 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 9/14/10

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

	FD	Cut 1 24-Apr	Cut 2 22-May	Cut 3 19-Jun	Cut 4 17-Jul	Cut 5 16-Aug	Cut 6 13-Sep	Cut 7 24-Oct	YEAR TOTAL	% of CUF 10 %
Released Varieties										
Integra 8900	9	2.6 (3)	1.9 (1)	1.9 (2)	2.0 (6)	2.0 (4)	1.5 (8)	1.4 (3)	13.3 (2)	A B 133.1
WL 656HQ	9	2.6 (5)	1.9 (4)	1.9 (4)	2.1 (2)	2.0 (9)	1.6 (2)	1.4 (5)	13.2 (3)	A B C 132.0
AmeriStand 803T	8	2.5 (6)	1.8 (7)	1.8 (6)	1.9 (9)	2.0 (5)	1.5 (7)	1.3 (15)	13.0 (5)	A B C D E 129.6
SW 9812	9	2.4 (15)	1.9 (6)	1.8 (5)	1.9 (12)	2.0 (7)	1.5 (11)	1.3 (8)	12.8 (7)	A B C D E F 127.9
AmeriStand 901TS	9	2.3 (25)	1.7 (37)	1.8 (10)	2.0 (8)	2.0 (2)	1.5 (6)	1.3 (6)	12.7 (8)	A B C D E F G 126.6
SW 9821	9	2.4 (18)	1.8 (20)	1.7 (17)	1.9 (10)	1.9 (13)	1.4 (19)	1.3 (21)	12.5 (14)	B C D E F G H I J 124.5
Integra 8800	8	2.4 (9)	1.8 (14)	1.7 (25)	1.9 (11)	1.9 (20)	1.4 (32)	1.2 (24)	12.3 (15)	C D E F G H I J K 123.1
Pacifico	8	2.2 (35)	1.7 (27)	1.8 (11)	2.0 (4)	1.9 (15)	1.4 (24)	1.2 (28)	12.3 (16)	C D E F G H I J K 122.9
Sunquest	9.5	2.5 (7)	1.8 (26)	1.6 (39)	1.6 (37)	1.9 (14)	1.5 (10)	1.3 (9)	12.3 (17)	D E F G H I J K 122.6
Mycogen 4N900	9	2.2 (34)	1.8 (18)	1.7 (16)	1.9 (12)	1.9 (19)	1.5 (16)	1.2 (27)	12.2 (20)	D E F G H I J K L 122.0
SW 900	9	2.3 (29)	1.8 (11)	1.6 (38)	1.6 (39)	1.9 (16)	1.6 (4)	1.4 (4)	12.2 (21)	D E F G H I J K L M 121.9
SW 9828	9	2.4 (17)	1.7 (32)	1.7 (31)	1.7 (31)	1.8 (26)	1.4 (23)	1.3 (18)	12.0 (26)	F G H I J K L M N 119.8
SW 9813	9	2.4 (14)	1.7 (30)	1.6 (36)	1.7 (35)	1.7 (36)	1.5 (18)	1.2 (23)	11.9 (27)	F G H I J K L M N O 118.9
SW 9711	9	2.2 (41)	1.6 (46)	1.7 (24)	1.7 (34)	1.8 (25)	1.4 (21)	1.3 (16)	11.7 (34)	H I J K L M N O P 117.2
Grand Slam	4	2.3 (30)	1.8 (16)	1.7 (33)	1.6 (42)	1.7 (39)	1.4 (35)	1.1 (36)	11.6 (37)	J K L M N O P 115.7
6610N	6	2.3 (26)	1.8 (8)	1.6 (45)	1.6 (38)	1.7 (40)	1.3 (43)	1.1 (44)	11.5 (38)	K L M N O P 114.5
NuMex	7	2.3 (20)	1.8 (25)	1.6 (37)	1.6 (44)	1.7 (42)	1.3 (42)	1.1 (41)	11.4 (39)	K L M N O P 114.4
UC Impalo	9	2.1 (46)	1.7 (42)	1.7 (26)	1.7 (27)	1.8 (32)	1.3 (39)	1.1 (37)	11.4 (41)	K L M N O P 114.0
SW 9816	9	2.1 (45)	1.6 (43)	1.6 (42)	1.7 (36)	1.8 (34)	1.4 (33)	1.2 (34)	11.3 (43)	M N O P 112.7
Dura 843	8	2.2 (40)	1.7 (41)	1.5 (47)	1.5 (46)	1.7 (43)	1.3 (39)	1.1 (42)	11.0 (45)	O P 109.8
SW 9803	9	2.2 (32)	1.6 (44)	1.5 (46)	1.6 (43)	1.7 (45)	1.2 (46)	1.0 (47)	11.0 (46)	O P 109.8
HybriForce-800	8	2.4 (13)	1.6 (47)	1.6 (43)	1.5 (47)	1.6 (47)	1.2 (48)	1.0 (46)	11.0 (47)	P 109.5
CUF 101	9	1.9 (48)	1.5 (48)	1.4 (48)	1.3 (48)	1.6 (48)	1.2 (47)	1.1 (43)	10.0 (48)	Q 100.0
Experimental Varieties										
FG 96T706	9	2.6 (2)	1.8 (23)	1.9 (1)	2.1 (1)	2.1 (1)	1.6 (3)	1.4 (2)	13.5 (1)	A 134.9
FG R97T708	9	2.3 (27)	1.9 (2)	1.8 (8)	2.0 (3)	2.0 (6)	1.6 (1)	1.4 (1)	13.1 (4)	A B C D 130.5
CW 068068	8	2.6 (4)	1.9 (5)	1.7 (20)	1.7 (28)	2.0 (3)	1.6 (5)	1.3 (7)	12.8 (6)	A B C D E F 128.1
CW 059051	9	2.4 (15)	1.8 (23)	1.9 (3)	2.0 (7)	1.9 (17)	1.5 (13)	1.3 (18)	12.7 (9)	A B C D E F G 126.6
DS097040	9	2.6 (1)	1.9 (3)	1.8 (7)	1.9 (15)	1.9 (21)	1.4 (28)	1.2 (31)	12.6 (10)	A B C D E F G H 126.4
FG R97T704	9	2.2 (31)	1.8 (12)	1.8 (9)	2.0 (5)	2.0 (9)	1.5 (15)	1.3 (13)	12.6 (11)	A B C D E F G H I 126.1
Ameristand 901STQ(EMD)	9	2.3 (22)	1.8 (13)	1.8 (13)	1.8 (19)	2.0 (12)	1.5 (9)	1.3 (14)	12.5 (12)	B C D E F G H I J 125.0
FG R97T707	9	2.3 (21)	1.7 (31)	1.8 (12)	1.9 (16)	2.0 (8)	1.5 (14)	1.3 (17)	12.5 (13)	B C D E F G H I J 124.9
FG R97T701	9	2.1 (44)	1.8 (19)	1.7 (22)	1.9 (17)	2.0 (9)	1.5 (12)	1.3 (11)	12.2 (18)	D E F G H I J K 122.4
UC 469		2.3 (28)	1.8 (10)	1.8 (14)	1.8 (24)	1.8 (22)	1.4 (20)	1.3 (12)	12.2 (19)	D E F G H I J K 122.3
FG R96Bx308	9	2.2 (37)	1.8 (21)	1.7 (30)	1.8 (23)	1.9 (18)	1.5 (17)	1.3 (10)	12.1 (22)	E F G H I J K L M 121.1
UC 470		2.2 (38)	1.8 (15)	1.8 (15)	1.9 (12)	1.8 (23)	1.4 (25)	1.2 (25)	12.1 (23)	E F G H I J K L M 120.6
UC 471		2.3 (24)	1.7 (28)	1.7 (17)	1.8 (26)	1.8 (29)	1.4 (22)	1.2 (22)	12.0 (24)	E F G H I J K L M 120.5
DS385	8	2.4 (12)	1.7 (29)	1.7 (21)	1.8 (20)	1.7 (37)	1.4 (31)	1.2 (35)	12.0 (25)	F G H I J K L M 120.0
FG R96Bx304	9	2.4 (11)	1.8 (22)	1.7 (22)	1.7 (30)	1.8 (35)	1.3 (37)	1.1 (39)	11.9 (28)	G H I J K L M N O P 118.5
FG R97T715	9	2.2 (39)	1.7 (34)	1.7 (32)	1.9 (18)	1.8 (24)	1.4 (26)	1.2 (30)	11.8 (29)	G H I J K L M N O P 118.2
DS097569	8	2.5 (8)	1.8 (9)	1.6 (35)	1.6 (41)	1.8 (31)	1.3 (41)	1.2 (32)	11.8 (30)	G H I J K L M N O P 118.2
FG R97T710	9	2.2 (42)	1.7 (39)	1.7 (34)	1.8 (22)	1.8 (30)	1.4 (27)	1.3 (18)	11.8 (31)	G H I J K L M N O P 117.5
DS097645	10	2.3 (23)	1.7 (36)	1.7 (27)	1.8 (21)	1.8 (33)	1.3 (38)	1.1 (38)	11.8 (32)	G H I J K L M N O P 117.5
FG R96Bx303	9	2.2 (36)	1.7 (34)	1.7 (28)	1.8 (25)	1.8 (28)	1.4 (36)	1.2 (29)	11.7 (33)	G H I J K L M N O P 117.4
DS097643	9	2.3 (19)	1.8 (17)	1.7 (19)	1.7 (33)	1.7 (41)	1.3 (44)	1.1 (40)	11.7 (35)	I J K L M N O P 117.0
UC 493		2.2 (33)	1.7 (38)	1.7 (28)	1.7 (32)	1.7 (38)	1.4 (30)	1.2 (26)	11.7 (36)	I J K L M N O P 117.0
DS097041	9	2.4 (10)	1.7 (33)	1.6 (40)	1.5 (45)	1.7 (44)	1.4 (28)	1.1 (45)	11.4 (40)	K L M N O P 114.3
FG R97M711	9	2.1 (47)	1.7 (40)	1.6 (44)	1.6 (40)	1.8 (27)	1.4 (34)	1.2 (33)	11.3 (42)	L M N O P 112.7
FG R96Bx301	9	2.1 (43)	1.6 (45)	1.6 (41)	1.7 (29)	1.7 (46)	1.27 (45)	1.0 (48)	11.1 (44)	N O P 110.6
MEAN		2.31	1.75	1.70	1.79	1.84	1.42	1.22	12.03	
CV		8.2	7.5	8.1	14.9	6.9	5.9	8.2	6.6	
LSD (0.1)		0.22	0.15	0.16	0.32	0.15	0.10	0.12	0.94	

Trial seeded at 25 lb/acre viable seed on Hanford fine sandy loam soil at the Univ. of Calif. Kearney Agricultural Center, Parlier, CA.

Entries followed by the same letter are not significantly different at the 10% probability level according to Fisher's (protected) LSD.

FD = Fall Dormancy reported by seed companies.