2011 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 9/14/1(

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

		Cut 1 14-Apr	Cut 2 11-May	Cut 3 15-Jun	Cut 4 20-Jul	Cut 5 17-Aug	Cut 6 14-Sep	Cut 7 12-Oct	YEAR TOTAL		% of CUF 101
	FD	Dry t/a									%
Released Varieties											
Mycogen 4N900	**9**	2.3 (1)	1.6 (3)	2.4 (2)	2.4 (1)	2.1 (3)	1.4 (18)	1.2 (13)	13.5 (1)	A	122.7
Integra 8800	**8**	2.3 (2)	1.6 (4)	2.5 (1)	2.2 (8)	2.2 (1)	1.4 (23)	1.1 (34)	13.3 (2)	A B	121.0
SW 9828	**9**	2.2 (3)	1.6 (10)	2.3 (7)	2.3 (5)	1.8 (23)	1.4 (19)	1.2 (14)	12.9 (6)	A B C D E F	117.3
AmeriStand 901TS	**9**	2.1 (10)	1.5 (24)	2.3 (13)	2.2 (7)	2.0 (10)	1.5 (9)	1.2 (11)	12.8 (7)	A B C D E F G	116.2
AmeriStand 803T	**8**	2.1 (9)	1.5 (25)	2.3 (12)	2.1 (27)	1.9 (16)	1.5 (5)	1.2 (6)	12.6 (9)	A B C D E F G H	114.7
SW 9812	**9**	2.0 (29)	1.5 (21)	2.2 (23)	2.2 (12)	2.0 (11)	1.5 (7)	1.2 (9)	12.5 (12)	A B C D E F G H	113.9
WL 656HQ	**9**	1.9 (34)	1.5 (32)	2.2 (20)	2.1 (14)	2.1 (6)	1.4 (13)	1.2 (12)	12.4 (15)	A B C D E F G H	113.0
Pacifico	**8**	2.1 (8)	1.6 (15)	2.2 (24)	2.1 (19)	1.8 (27)	1.4 (15)	1.1 (29)	12.3 (19)	B C D E F G H I J	112.2
SW 9821	**9**	2.0 (30)	1.5 (23)	2.2 (22)	2.0 (32)	2.0 (12)	1.4 (31)	1.1 (19)	12.2 (20)	C D E F G H I J	111.1
Integra 8900	**9**	2.0 (20)	1.5 (28)	2.0 (41)	2.1 (26)	1.8 (33)	1.5 (1)	1.2 (4)	12.1 (23)	D E F G H I J	110.7
Grand Slam	**4**	2.0 (23)	1.5 (16)	2.2 (29)	2.0 (36)	1.8 (25)	1.4 (20)	1.1 (30)	12.1 (25)	D E F G H I J K	109.8
SW 9813	**9**	1.9 (31)	1.4 (45)	2.2 (17)	2.1 (21)	1.9 (18)	1.4 (22)	1.1 (31)	12.0 (26)	E F G H I J K	109.6
6610N	**6**	2.1 (11)	1.6 (11)	2.4 (5)	1.9 (42)	1.7 (40)	1.3 (41)	0.9 (47)	11.9 (29)	E F G H I J K L	108.8
SW 9816	**9**	2.0 (17)	1.5 (29)	2.2 (18)	2.0 (40)	1.8 (35)	1.4 (38)	1.1 (32)	11.9 (30)	E F G H I J K L	108.8
HybriForce-800	**8**	1.9 (32)	1.5 (34)	2.2 (19)	2.1 (17)	1.8 (26)	1.3 (46)	1.0 (42)	11.8 (33)	E F G H I J K L M	107.9
SW 9803	**9**	2.1 (12)	1.4 (38)	2.2 (16)	2.0 (31)	1.7 (41)	1.4 (32)	1.0 (41)	11.8 (34)	F G H I J K L M	107.5
NuMex	**7**	2.0 (28)	1.6 (14)	2.1 (34)	2.0 (28)	1.6 (43)	1.4 (33)	1.0 (38)	11.7 (35)	G H I J K L M	106.7
Dura 843	**8**	1.9 (39)	1.6 (12)	2.2 (27)	2.0 (35)	1.8 (31)	1.3 (45)	0.9 (48)	11.7 (37)	H I J K L M	106.2
UC Impalo	**9**	1.9 (40)	1.4 (42)	2.1 (35)	2.0 (37)	1.7 (37)	1.4 (39)	1.1 (33)	11.6 (40)	H I J K L M	105.5
SW 9711	**9**	1.7 (46)	1.4 (40)	2.0 (40)	2.1 (16)	1.9 (20)	1.4 (35)	1.0 (43)	11.5 (42)	H I J K L M	105.1
Sunquest	**9.5**	2.0 (15)	1.4 (37)	2.0 (44)	1.8 (47)	1.4 (48)	1.4 (16)	1.2 (16)	11.3 (45)	J K L M	102.8
CUF 101	**9**	1.7 (47)	1.4 (38)	2.0 (45)	1.9 (41)	1.7 (38)	1.3 (44)	0.9 (46)	11.0 (46)	K L M	100.0
SW 900	**9**	1.7 (48)	1.2 (48)	1.9 (47)	1.9 (45)	1.6 (45)	1.4 (24)	1.2 (10)	10.8 (48)	M	98.6
Experimental Varieties											
FG R97T704	**9**	2.0 (24)	1.6 (6)	2.4 (5)	2.4 (2)	2.2 (2)	1.5 (8)	1.3 (2)	13.3 (3)	A B C	120.9
DS097040	**9**	2.2 (5)	1.7 (2)	2.4 (4)	2.3 (4)	2.1 (4)	1.4 (21)	1.1 (27)	13.1 (4)	A B C D	119.4
DS385	**8**	2.1 (7)	1.6 (8)	2.3 (11)	2.2 (6)	2.1 (5)	1.4 (40)	1.1 (21)	12.9 (5)	A B C D E	117.4
FG R96Bx301	**9**	2.0 (22)	1.5 (20)	2.4 (3)	2.3 (3)	2.0 (7)	1.3 (42)	1.0 (44)	12.6 (8)	A B C D E F G H	114.8
FG R96Bx303	**9**	2.0 (15)	1.4 (41)	2.3 (8)	2.2 (9)	2.0 (9)	1.4 (36)	1.1 (26)	12.5 (10)	A B C D E F G H	114.0
DS097643	**9**	2.0 (21)	1.7 (1)	2.3 (9)	2.1 (20)	1.9 (22)	1.4 (14)	1.1 (35)	12.5 (11)	A B C D E F G H	113.9
UC 469		2.0 (26)	1.5 (22)	2.3 (14)	2.1 (18)	1.9 (21)	1.5 (6)	1.2 (8)	12.4 (13)	A B C D E F G H	113.3
DS097645	**10**	2.0 (18)	1.6 (5)	2.3 (15)	2.2 (10)	2.0 (8)	1.3 (48)	1.0 (37)	12.4 (14)	A B C D E F G H	113.0
CW 059051	**9**	2.0 (19)	1.5 (19)	2.1 (31)	2.1 (22)	1.9 (15)	1.5 (10)	1.2 (3)	12.4 (16)	B C D E F G H I	112.8
FG 96T706	**9**	2.2 (4)	1.5 (26)	2.1 (33)	2.0 (30)	1.8 (31)	1.5 (4)	1.2 (5)	12.4 (17)	B C D E F G H I J	112.6
DS097041	**9**	2.1 (6)	1.6 (7)	2.3 (10)	2.1 (15)	1.8 (28)	1.4 (34)	0.9 (45)	12.3 (18)	B C D E F G H I J	112.3
UC 470		1.9 (33)	1.6 (13)	2.2 (20)	2.1 (25)	1.9 (17)	1.4 (29)	1.1 (22)	12.2 (21)	C D E F G H I J	111.0
FG R97T715	**9**	1.9 (35)	1.5 (27)	2.2 (26)	2.1 (24)	2.0 (13)	1.4 (27)	1.1 (20)	12.2 (22)	D E F G H I J	110.9
CW 068068	**8**	1.9 (41)	1.5 (17)	2.2 (28)	2.1 (22)	1.8 (34)	1.4 (12)	1.2 (7)	12.1 (24)	D E F G H I J	110.1
Ameristand 901STQ(EMD)	**9**	2.1 (13)	1.4 (36)	2.1 (38)	2.0 (34)	1.9 (19)	1.4 (26)	1.1 (17)	12.0 (27)	E F G H I J K	109.5
UC 471		1.9 (38)	1.5 (33)	2.1 (32)	2.1 (13)	1.8 (23)	1.4 (30)	1.1 (23)	12.0 (28)	E F G H I J K	109.3
FG R97T701	**9**	1.9 (37)	1.5 (31)	2.2 (25)	2.0 (29)	1.8 (36)	1.4 (17)	1.1 (18)	11.9 (31)	E F G H I J K L	108.7
FG R97T708	**9**	1.8 (43)	1.4 (35)	2.0 (42)	2.0 (33)	1.8 (30)	1.5 (3)	1.3 (1)	11.9 (32)	E F G H I J K L M	108.4
FG R97T710	**9**	1.7 (45)	1.4 (46)	2.1 (30)	2.2 (11)	1.9 (14)	1.3 (43)	1.0 (36)	11.7 (36)	G H I J K L M	106.7
FG R97T707	**9**	2.0 (25)	1.5 (30)	2.0 (42)	1.9 (44)	1.6 (44)	1.5 (2)	1.1 (25)	11.7 (38)	H I J K L M	106.2
FG R96Bx304	**9**	2.1 (14)	1.5 (18)	2.1 (36)	1.9 (43)	1.7 (42)	1.3 (47)	1.0 (39)	11.6 (39)	H I J K L M	105.6
FG R96Bx308	**9**	1.7 (44)	1.3 (47)	2.1 (37)	2.0 (38)	1.8 (28)	1.4 (25)	1.2 (15)	11.6 (41)	H I J K L M	105.3
DS097569	**8**	2.0 (27)	1.6 (9)	2.1 (39)	1.9 (46)	1.5 (46)	1.5 (11)	1.0 (40)	11.5 (43)	H I J K L M	105.0
UC 493		1.9 (42)	1.4 (44)	1.9 (46)	2.0 (38)	1.7 (39)	1.4 (37)	1.1 (27)	11.3 (44)	I J K L M	103.2
FG R97M711	**9**	1.9 (36)	1.4 (43)	1.9 (48)	1.8 (48)	1.5 (47)	1.4 (28)	1.1 (24)	10.9 (47)	L M	99.1
MEAN		1.99	1.51	2.18	2.08	1.84	1.41	1.10	12.10		
CV		9.8	7.8	10.0	11.7	15.7	7.0	9.7	7.5		
LSD (0.1)		0.23	0.14	0.26	NS	0.34	0.12	0.13	1.08		

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.