

2008-2010 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. Trial planted 09/13/2007

		2008	2009	2010	Average		% of
	FD	Yield	Yield	Yield			CUF 101
				Dry t/a			%
<b>Released Varieties</b>							
AL 999	9	13.6 ( 8)	12.1 ( 1)	12.8 ( 2)	12.8 ( 2)	AB	131.1
HybriForce-800	8	13.8 ( 5)	12.1 ( 2)	12.3 ( 5)	12.7 ( 3)	ABC	130.0
Pacifico	9	13.1 ( 17)	12.1 ( 5)	12.4 ( 4)	12.5 ( 5)	ABCD	127.9
WL 625HQ	9	13.8 ( 4)	11.3 ( 14)	12.2 ( 8)	12.4 ( 7)	ABCDE	126.7
Daytona	8	13.4 ( 12)	11.2 ( 17)	11.7 ( 12)	12.1 ( 9)	ABCDEF	123.8
Tripleplay	9	13.1 ( 15)	11.8 ( 7)	11.3 ( 19)	12.1 ( 12)	ABCDEFGH	123.4
SP 806	8	13.5 ( 10)	11.2 ( 18)	11.2 ( 20)	12.0 ( 16)	ABCDEFGH	122.3
Integra 8800	8	12.1 ( 41)	11.2 ( 16)	11.9 ( 9)	11.7 ( 21)	ABCDEFGHIJK	119.9
Integra 8900	9	12.7 ( 24)	10.9 ( 28)	10.8 ( 26)	11.5 ( 24)	BCDEFGHIJKLM	117.3
Magna 995	9	12.7 ( 25)	10.9 ( 26)	10.8 ( 27)	11.5 ( 25)	BCDEFGHIJKLM	117.2
Pinal 9 RR	9	12.3 ( 35)	10.5 ( 34)	11.6 ( 14)	11.5 ( 26)	BCDEFGHIJKLM	117.1
Desert Sun 8.10RR	8	12.7 ( 23)	10.6 ( 33)	11.0 ( 23)	11.4 ( 27)	BCDEFGHIJKLM	116.7
Magna 801FQ	8	12.1 ( 40)	11.1 ( 21)	10.7 ( 28)	11.3 ( 29)	BCDEFGHIJKLMN	115.7
UC Impalo	9	12.5 ( 32)	10.6 ( 32)	10.2 ( 37)	11.1 ( 34)	DEFGHIJKLMNO	113.6
HybriForce-620	6	12.6 ( 29)	10.4 ( 37)	9.8 ( 44)	11.0 ( 36)	DEFGHIJKLMNOP	112.1
WL 535HQ	8	11.9 ( 42)	11.0 ( 23)	10.0 ( 42)	11.0 ( 37)	DEFGHIJKLMNOP	112.0
Grandslam	8	12.4 ( 33)	10.5 ( 36)	9.7 ( 46)	10.9 ( 38)	EFGHIJKLMNOPQ	111.2
Magna 801FQ+Optimize	8	11.6 ( 44)	10.8 ( 30)	10.2 ( 38)	10.9 ( 39)	EFGHIJKLMNOPQ	111.2
AR-21	9	11.7 ( 43)	9.8 ( 47)	10.5 ( 31)	10.7 ( 40)	FGHIJKLMNOPQ	109.0
AR-2	9	11.6 ( 47)	9.6 ( 50)	10.6 ( 29)	10.6 ( 42)	GHIJKLMNOPQ	108.2
DKA84-10 RR	8	11.5 ( 49)	10.1 ( 40)	10.1 ( 41)	10.6 ( 43)	GHIJKLMNOPQ	108.1
CG9	9	12.4 ( 34)	9.9 ( 44)	9.4 ( 48)	10.5 ( 45)	GHIJKLMNOPQ	107.6
RRALF-8R100	8	11.5 ( 48)	9.4 ( 52)	9.9 ( 43)	10.2 ( 48)	JKLMNOPQ	104.7
Ameristand 855 RR	8	12.1 ( 38)	9.0 ( 55)	9.2 ( 51)	10.1 ( 50)	LMNOPQ	103.1
Integra 8801R RR	8	10.7 ( 56)	9.8 ( 48)	9.7 ( 47)	10.0 ( 51)	MNOPQ	102.6
AR-9	9	11.1 ( 52)	8.9 ( 56)	9.8 ( 45)	9.9 ( 52)	MNOPQ	101.1
CUF101	9	11.3 ( 50)	9.9 ( 43)	8.1 ( 56)	9.8 ( 54)	NOPQ	100.0
Revolution RR	8	10.6 ( 57)	8.8 ( 57)	9.2 ( 50)	9.6 ( 55)	OPQ	97.8
Dura 843	8	10.9 ( 53)	9.2 ( 53)	8.4 ( 55)	9.5 ( 56)	PQ	97.1
59N59	9	11.3 ( 51)	9.0 ( 54)	7.8 ( 57)	9.4 ( 57)	Q	95.6
<b>Experimental Varieties</b>							
FG-95T284	9	14.7 ( 1)	12.1 ( 3)	13.0 ( 1)	13.3 ( 1)	A	135.6
FG-95T284+Optimize	9	13.9 ( 2)	11.3 ( 12)	12.4 ( 3)	12.5 ( 4)	ABCD	128.2
SW8421	8	13.2 ( 13)	12.1 ( 4)	12.2 ( 6)	12.5 ( 6)	ABCD	127.9
DS736	8	13.1 ( 16)	11.5 ( 10)	12.2 ( 7)	12.2 ( 8)	ABCDE	125.1
9102	9	12.6 ( 28)	12.0 ( 6)	11.7 ( 13)	12.1 ( 10)	ABCDEF	123.5
PGI 1007 BA	10	13.8 ( 6)	11.1 ( 20)	11.4 ( 17)	12.1 ( 11)	ABCDEFG	123.5
CW 39060	9	13.6 ( 9)	10.9 ( 25)	11.7 ( 11)	12.1 ( 13)	ABCDEFGH	123.3
R96BD105 RR	9	13.7 ( 7)	11.0 ( 22)	11.4 ( 16)	12.0 ( 14)	ABCDEFGH	123.0
CW 39087	9	13.5 ( 11)	11.3 ( 13)	11.1 ( 21)	12.0 ( 15)	ABCDEFGH	122.3
SW9332	9	13.1 ( 18)	11.7 ( 8)	11.1 ( 22)	12.0 ( 17)	ABCDEFGH	122.1
DS732	8	12.6 ( 27)	11.2 ( 19)	11.8 ( 10)	11.9 ( 18)	ABCDEFGH I	121.3
R95BD104 RR	9	13.9 ( 3)	11.2 ( 15)	10.5 ( 30)	11.9 ( 19)	ABCDEFGH I	121.3
9101	9	12.5 ( 31)	11.4 ( 11)	11.5 ( 15)	11.8 ( 20)	ABCDEFGH I J	120.3
FG-85M282	8	12.9 ( 20)	10.8 ( 29)	11.3 ( 18)	11.7 ( 22)	BCDEFGH I J K L	119.1
DS733	9	12.5 ( 30)	11.0 ( 24)	11.0 ( 25)	11.5 ( 23)	BCDEFGH I J K L M	117.3
CW 19065	8	13.2 ( 14)	10.6 ( 31)	10.3 ( 35)	11.4 ( 28)	BCDEFGH I J K L M N	116.1
CW 36106	7	12.9 ( 19)	10.9 ( 27)	10.1 ( 40)	11.3 ( 30)	BCDEFGH I J K L M N	115.5
SW115	9	12.2 ( 37)	10.5 ( 35)	11.0 ( 24)	11.2 ( 31)	CDEFGH I J K L M N	114.6
Chema 1	9	12.7 ( 26)	11.5 ( 9)	9.3 ( 49)	11.2 ( 32)	CDEFGH I J K L M N	114.1
DS0571-Optimize	7	12.7 ( 22)	10.3 ( 38)	10.3 ( 33)	11.1 ( 33)	DEFGH I J K L M N O	113.7
FG-85M282+Optimize	8	12.8 ( 21)	10.1 ( 41)	10.5 ( 32)	11.1 ( 35)	DEFGH I J K L M N O	113.5
DS735	7	11.6 ( 45)	10.0 ( 42)	10.3 ( 34)	10.7 ( 41)	GHI J K L M N O P Q	108.8
DS0571	7	11.6 ( 46)	9.8 ( 46)	10.3 ( 36)	10.6 ( 44)	GHI J K L M N O P Q	107.9
R95BD106 RR	9	12.3 ( 36)	10.2 ( 39)	9.0 ( 53)	10.5 ( 46)	H I J K L M N O P Q	107.2
DS734	7	10.9 ( 54)	9.9 ( 45)	10.2 ( 39)	10.3 ( 47)	I J K L M N O P Q	105.3
PGI 801	8	12.1 ( 39)	9.5 ( 51)	8.8 ( 54)	10.2 ( 49)	K L M N O P Q	103.7
SW120	9	10.8 ( 55)	9.6 ( 49)	9.0 ( 52)	9.8 ( 53)	N O P Q	100.2
MEAN		12.49	10.66	10.64	11.26		
CV		11.6	10.2	19.4	11.9		
LSD (0.1)		1.72	1.29	2.44	1.59		

Trial seeded at 25 lb/acre viable seed on 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.