

TABLE 9. 2005-2007 YIELDS, UC KEARNY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 3/15/01

		2005	2006	2007	Average		% of
	FD	Yield	Yield	Yield			CUF101
			Dry t/a				%
Released Varieties							
WL625HQ	9.2	11.3 (1)	15.0 (5)	14.4 (1)	13.6 (1)	A	121.3
DesertSun 8.10RR	8.4	10.9 (2)	15.1 (3)	14.0 (2)	13.4 (2)	AB	119.2
Magna995	9	9.9 (29)	15.5 (1)	13.7 (6)	13.1 (4)	ABCD	116.7
Integra 8900	9	10.7 (6)	14.9 (7)	13.6 (7)	13.1 (5)	ABCD	116.6
WL525 HQ	8	10.5 (10)	14.2 (19)	13.8 (5)	12.8 (6)	ABCDE	114.5
CW801	8	10.3 (13)	15.1 (4)	13.0 (14)	12.8 (7)	ABCDE	114.3
58N57	9	10.7 (4)	14.1 (21)	13.4 (8)	12.7 (8)	ABCDEF	113.8
MeccaIII	9	10.1 (19)	14.7 (10)	13.2 (10)	12.7 (9)	BCDEFG	113.1
Croplan843	8	9.9 (32)	14.2 (20)	13.8 (4)	12.6 (11)	BCDEFG	112.6
Magna788	7	9.8 (34)	14.9 (8)	12.7 (19)	12.5 (16)	CDEFGH	111.4
CG9	9	10.2 (16)	14.1 (23)	13.0 (12)	12.4 (19)	CDEFGH I	111.0
WL535HQ	8.2	9.9 (31)	14.0 (28)	13.1 (11)	12.3 (24)	DEFGH I	110.0
Pacifico	8	9.7 (39)	14.0 (27)	12.8 (16)	12.2 (28)	EFGH IJK	108.7
GrandSlam	8	10.0 (28)	14.1 (25)	12.5 (30)	12.2 (29)	EFGH IJK	108.6
YOSEMITE	8	9.8 (33)	14.1 (22)	12.4 (31)	12.1 (30)	EFGH IJK	108.3
Pershing	8	10.0 (24)	13.9 (31)	12.4 (32)	12.1 (31)	EFGH IJK	108.1
Integra 8801R	7.8	9.7 (40)	13.9 (30)	12.7 (17)	12.1 (32)	EFGH IJK	108.0
AmeriStand 855TRR	8.5	10.0 (27)	13.5 (35)	12.1 (36)	11.9 (36)	FGH IJKLM	106.2
AmeriStand 815TRR	7.4	10.1 (20)	13.5 (37)	12.1 (39)	11.9 (37)	GH IJKLM	106.1
Alfagraze 600RR	6.4	10.1 (21)	13.2 (41)	12.4 (33)	11.9 (38)	GH IJKLM	106.0
57Q75	7	9.8 (36)	13.0 (44)	12.1 (38)	11.6 (41)	H IJKLM N	103.8
Impalo	9	9.6 (41)	13.8 (33)	11.3 (46)	11.6 (42)	IJKLM N O	103.3
ArtesianSunrise	7	9.4 (45)	13.3 (39)	11.5 (44)	11.4 (43)	JKL M N O	101.9
Conquistador	8	9.2 (50)	13.0 (45)	11.8 (42)	11.3 (44)	KL M N O	101.3
WL711	10	9.4 (46)	12.9 (47)	11.7 (43)	11.3 (45)	KL M N O	101.2
CUF101	9	9.6 (44)	12.8 (50)	11.2 (47)	11.2 (47)	LM N O P	100.0
59N49	9	9.6 (43)	12.8 (51)	11.2 (48)	11.2 (48)	LM N O P	100.0
DK180ML	8	9.2 (51)	12.9 (46)	11.1 (50)	11.1 (50)	M N O P	99.1
Amerileaf 721	7	9.3 (49)	12.8 (49)	11.2 (49)	11.1 (51)	M N O P	99.0
56S82	6	9.0 (53)	12.2 (53)	11.1 (52)	10.8 (53)	O P	96.1
Transition 6.10RR	6.1	9.4 (47)	11.5 (54)	10.5 (54)	10.4 (54)	P	93.3
							0.0
Experimental Varieties							
CW048065	8	10.3 (12)	15.4 (2)	13.9 (3)	13.2 (3)	ABC	
CW048069	8	10.9 (3)	14.1 (24)	12.9 (15)	12.6 (10)	BCDEFG	112.8
X59N59	9	10.3 (15)	15.0 (6)	12.6 (24)	12.6 (12)	BCDEFG	112.5
FG101T407	10	10.4 (11)	14.6 (14)	12.7 (18)	12.5 (13)	BCDEFG	112.0
DS385	8	10.1 (18)	14.7 (11)	12.6 (21)	12.5 (14)	CDEFGH	111.4
SW9434	9	10.0 (23)	14.3 (17)	13.0 (13)	12.5 (15)	CDEFGH	111.4
AA202W	8+	10.7 (5)	14.4 (15)	12.3 (34)	12.5 (17)	CDEFGH	111.3
ADF01-701	7	10.0 (26)	14.8 (9)	12.6 (26)	12.4 (18)	CDEFGH	111.2
SW9332	9	10.0 (25)	14.0 (26)	13.2 (9)	12.4 (20)	CDEFGH I	110.9
RRALF8R100	9	10.6 (8)	13.9 (29)	12.6 (22)	12.4 (21)	CDEFGH I	110.6
Y58N88	8	10.2 (17)	14.3 (16)	12.5 (29)	12.3 (22)	DEFGH I	110.1
DS382	8	9.8 (35)	14.6 (13)	12.5 (28)	12.3 (23)	DEFGH I	110.0
DS381	8	10.1 (22)	14.3 (18)	12.6 (25)	12.3 (25)	DEFGH I	109.9
RR04BD-474	8.3	10.7 (7)	13.3 (40)	12.7 (20)	12.2 (26)	DEFGH I J	109.1
DS399	9	9.3 (48)	14.7 (12)	12.6 (23)	12.2 (27)	EFGH IJK	108.7
RR04BD-435	8.6	10.5 (9)	13.1 (43)	12.5 (27)	12.0 (33)	EFGH IJKL	107.4
WL660RR	8.7	10.3 (14)	13.6 (34)	12.1 (37)	12.0 (34)	EFGH IJKL	107.2
FG91M401	9	9.7 (38)	13.8 (32)	12.2 (35)	11.9 (35)	FGH IJKLM	106.3
DS384	8	9.9 (30)	13.5 (36)	12.1 (40)	11.8 (39)	GH IJKLM	105.6
AA203W	8	9.7 (37)	13.5 (38)	11.8 (41)	11.7 (40)	H IJKLM N	104.3
DS383	8	9.1 (52)	13.1 (42)	11.4 (45)	11.2 (46)	LM N O P	100.1
AA201W	8	9.6 (42)	12.9 (48)	11.1 (53)	11.2 (49)	LM N O P	99.8
AA200W	8	8.9 (54)	12.6 (52)	11.1 (51)	10.9 (52)	N O P	97.2
MEAN		9.97	13.88	12.43	12.09		
CV		7.5	6.7	7.1	6.0		
LSD (0.1)		0.89	1.10	1.05	0.86		

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.