Table 8. UC Kearney Alfalfa Cultivar Trial 2000-2001 Yields. Trial planted 9/16/99

Note: In this trial, there are varieties with varying Fall Dormancy (FD) scores, which may affect quality, persistence, as well as yield. These FD scores were provided by the companies. Also see FD scores from experimental data in this report.

ENTRY	FD Score	2000	2001	AVERAGE														% OF CUF 10
			Dry Ton/acre															%
Released Varieties																		
WL 625 HQ (C349)	9	11.12 (01)	14.08 (03)	12.60 (02)	A													115.8
Mecca II	9	10.58 (10)	13.28 (08)	11.93 (08)	A	B	C	D	E	F								109.7
DynaGro AL999	9	10.58 (07)	12.98 (12)	11.78 (10)	A	B	C	D	E	F	G							108.3
PGI 481	8	10.28 (22)	13.27 (09)	11.78 (11)	A	B	C	D	E	F	G							108.3
Dura 843	8	9.83 (35)	13.60 (07)	11.71 (13)		B	C	D	E	F	G	H						107.7
ADF 99-801	9	10.53 (12)	12.73 (16)	11.63 (15)		B	C	D	E	F	G	H	I					106.9
Pershing	8	10.58 (08)	12.53 (24)	11.55 (18)		B	C	D	E	F	G	H	I					106.2
SW 9500	9	10.35 (19)	12.73 (17)	11.54 (19)		B	C	D	E	F	G	H	I					106.1
Magna 901	9	10.32 (20)	12.55 (23)	11.43 (23)			C	D	E	F	G	H	I	J				105.1
WestStar	9	10.16 (25)	12.49 (26)	11.33 (24)			C	D	E	F	G	H	I	J				104.1
57Q77	7	10.14 (27)	12.44 (27)	11.29 (25)				D	E	F	G	H	I	J				103.8
Highline	9	10.21 (23)	12.37 (29)	11.29 (26)				D	E	F	G	H	I	J				103.8
Achiever	7	10.17 (24)	11.97 (38)	11.07 (31)						F	G	H	I	J	K	L	M	101.8
58N57	8	9.92 (32)	12.12 (34)	11.02 (33)							G	H	I	J	K	L	M	101.3
El Tigre Verde	8	9.40 (41)	12.64 (21)	11.02 (34)							G	H	I	J	K	L	M	101.3
Yolo	8	9.42 (40)	12.51 (25)	10.96 (35)							G	H	I	J	K	L	M	100.8
Magna 8	8	9.60 (39)	12.30 (31)	10.95 (36)							G	H	I	J	K	L	M	N	100.7
CUF 101	9	9.64 (37)	12.12 (35)	10.88 (37)								H	I	J	K	L	M	N	100.0
Falcon	8	9.61 (38)	12.11 (36)	10.86 (39)								H	I	J	K	L	M	N	99.9
Dura 765	7	10.04 (30)	11.15 (44)	10.60 (41)										J	K	L	M	N	97.4
SW 9301	9	8.87 (45)	11.92 (40)	10.39 (42)											K	L	M	N	95.6
ADF 98-801	7	9.04 (44)	11.67 (42)	10.36 (43)												L	M	N	95.2
Tulare	8	9.15 (42)	11.43 (43)	10.29 (44)													M	N	94.6
Fiesta (8G519)	8	9.13 (43)	11.07 (45)	10.10 (45)														N	92.8
Experimental Varieties																		
SW 8718	8	11.00 (02)	14.20 (01)	12.60 (01)	A													115.8
92-296	9	10.76 (05)	13.93 (04)	12.34 (03)	A	B												113.5
C 252	9	10.63 (06)	13.68 (06)	12.15 (04)	A	B	C											111.8
DS 991	9	10.42 (16)	13.81 (05)	12.11 (05)	A	B	C	D										111.4
UC-2212		10.11 (28)	14.09 (02)	12.10 (06)	A	B	C	D										111.3
CW 68081	8	10.80 (04)	13.18 (10)	11.99 (07)	A	B	C	D	E									110.2
ZX9889B	8	10.98 (03)	12.83 (14)	11.91 (09)	A	B	C	D	E	F								109.5
C 345	9	10.58 (09)	12.84 (13)	11.71 (12)		B	C	D	E	F	G	H						107.7
CW 78101	8	10.28 (21)	13.03 (11)	11.65 (14)		B	C	D	E	F	G	H	I					107.2
ZX9888	8	10.44 (15)	12.78 (15)	11.61 (16)		B	C	D	E	F	G	H	I					106.8
ZX9886	8	10.48 (13)	12.64 (20)	11.56 (17)		B	C	D	E	F	G	H	I					106.3
FG 615	8	10.36 (18)	12.68 (18)	11.52 (20)		B	C	D	E	F	G	H	I					105.9
CW 68092	8	10.40 (17)	12.57 (22)	11.49 (21)		B	C	D	E	F	G	H	I					105.6
SW 8829	8	10.53 (11)	12.42 (28)	11.47 (22)			C	D	E	F	G	H	I					105.5
CW 78100	8	10.47 (14)	12.08 (37)	11.28 (27)				D	E	F	G	H	I	J				103.7
UC-402		9.90 (33)	12.65 (19)	11.27 (28)				D	E	F	G	H	I	J				103.7
ZL9889A	8	10.09 (29)	12.36 (30)	11.23 (29)					E	F	G	H	I	J	K			103.2
UC-400		10.14 (26)	12.27 (32)	11.21 (30)					E	F	G	H	I	J	K	L		103.0
UC-401		9.88 (34)	12.26 (33)	11.07 (32)						F	G	H	I	J	K	L	M	101.8
SW 8730	8	10.00 (31)	11.74 (41)	10.87 (38)								H	I	J	K	L	M	N	99.9
FG 206	8	9.75 (36)	11.93 (39)	10.84 (40)									I	J	K	L	M	N	99.7
MEAN		10.15	12.62	11.39														
CV		6.9	5.7	5.2														
LSD (.05)		0.98	1.01	0.86														

Variety X Year interaction is significant

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 5% probability level according to Fishers (protected) LSD.