

Table 5. UC SCOTT VALLEY ALFALFA CULTIVAR TRIAL 2000 YIELDS. TRIAL PLANTED 4/22/99

	Cut 1	Cut 2	Cut 3	Cut 4	Year		% of
	5/27	7/12	8/18	9/27	Total		Vernal
	Dry Tons/Acre						
Released Cultivars							
Dura 512	3.18 (02)	2.42 (01)	1.59 (01)	0.88 (04)	8.08 (01)	A	111.5
Sentry	3.15 (04)	2.28 (07)	1.56 (03)	0.82 (11)	7.82 (02)	A B	108.0
Select	3.15 (05)	2.26 (10)	1.54 (08)	0.83 (09)	7.79 (03)	A B C	107.6
Blazer XL	3.19 (01)	2.29 (06)	1.54 (09)	0.75 (27)	7.76 (04)	A B C D	107.2
Plumas (3L102)	3.16 (03)	2.29 (04)	1.51 (13)	0.79 (16)	7.75 (05)	A B C D	107.1
Gold Plus	3.12 (07)	2.29 (05)	1.52 (10)	0.80 (13)	7.73 (06)	A B C D	106.8
Forecast 3001	3.03 (12)	2.21 (17)	1.55 (04)	0.93 (01)	7.72 (07)	A B C D E	106.6
Reno	3.05 (09)	2.27 (09)	1.58 (02)	0.77 (21)	7.67 (08)	A B C D E F	105.9
329	3.04 (10)	2.29 (03)	1.50 (14)	0.75 (28)	7.58 (09)	B C D E F G	104.7
53V08	2.91 (24)	2.22 (13)	1.54 (07)	0.90 (02)	7.57 (10)	B C D E F G	104.6
WL 327	2.99 (15)	2.28 (08)	1.48 (22)	0.81 (12)	7.56 (11)	B C D E F G	104.4
DK 142	3.07 (08)	2.21 (15)	1.51 (12)	0.76 (25)	7.55 (13)	B C D E F G H	104.2
WL 325 HQ	3.01 (13)	2.17 (21)	1.50 (15)	0.85 (06)	7.53 (14)	B C D E F G H	104.0
Dura 400	2.97 (16)	2.21 (16)	1.55 (05)	0.79 (19)	7.51 (15)	B C D E F G H I	103.8
Key 2	2.95 (18)	2.30 (02)	1.45 (28)	0.79 (17)	7.49 (16)	B C D E F G H I J	103.5
330	2.92 (21)	2.26 (11)	1.49 (17)	0.79 (15)	7.47 (17)	B C D E F G H I J	103.2
Leaf Master	3.13 (06)	2.22 (14)	1.42 (31)	0.70 (32)	7.47 (18)	B C D E F G H I J	103.1
Spirit	3.04 (11)	2.10 (26)	1.45 (27)	0.79 (18)	7.38 (19)	C D E F G H I J	101.9
AlfaStar	2.94 (19)	2.19 (19)	1.48 (20)	0.77 (23)	7.38 (20)	C D E F G H I J	101.9
TriStar	2.92 (22)	2.17 (20)	1.49 (18)	0.78 (20)	7.36 (21)	C D E F G H I J	101.7
Innovator+Z	2.97 (17)	2.21 (18)	1.47 (23)	0.71 (30)	7.36 (22)	C D E F G H I J	101.7
Fortress	2.92 (20)	2.15 (23)	1.51 (11)	0.77 (22)	7.35 (23)	D E F G H I J	101.5
Affinity+Z	3.01 (14)	2.10 (27)	1.48 (21)	0.70 (31)	7.29 (24)	E F G H I J K	100.7
Forecast 1001	2.87 (28)	2.10 (29)	1.47 (24)	0.85 (07)	7.28 (25)	F G H I J K	100.6
Amerigraze 401+Z	2.91 (23)	2.15 (22)	1.45 (26)	0.73 (29)	7.24 (26)	F G H I J K	100.0
Vernal	2.91 (25)	2.10 (28)	1.49 (19)	0.75 (26)	7.24 (27)	F G H I J K	100.0
WL 334 RK	2.88 (27)	2.12 (24)	1.45 (25)	0.77 (24)	7.22 (28)	G H I J K	99.8
Magnum V	2.82 (29)	2.07 (30)	1.40 (32)	0.79 (14)	7.09 (30)	I J K	97.9
Archer II	2.62 (32)	2.03 (32)	1.42 (30)	0.84 (08)	6.91 (32)	K	95.4
Experimental Cultivars							
ZX 9853	2.91 (26)	2.23 (12)	1.54 (06)	0.87 (05)	7.55 (12)	B C D E F G H	104.3
ZX 9451	2.76 (30)	2.11 (25)	1.44 (29)	0.83 (10)	7.13 (29)	H I J K	98.4
ZG 9650A	2.63 (31)	2.04 (31)	1.50 (16)	0.90 (03)	7.06 (31)	J K	97.5
MEAN	2.97	2.20	1.50	0.80	7.47		
CV	5.60	4.70	6.60	8.70	4.60		
LSD (.05)	0.21	0.13	NS	0.09	0.43		

Trial seeded at 25 lb/acre viable seed at Scott Valley,CA.

Entries followed by the same letter are not significantly different at the 5% probability level according to Fishers (protect