

Table 4. UC SCOTT VALLEY ALFALFA CULTIVAR TRIAL 2003 YIELDS. TRIAL PLANTED 4/22/99
 NOTE: SINGLE YEAR DATA SHOULD NOT BE USED TO EVALUATE
 ALFALFA VARIETIES OR CHOOSE ALFALFA CULTIVARS

	Cut 1	Cut 2	Cut 3	YEAR		% OF	
	6/11	7/22	9/10	TOTAL		VERNAL	
	-----Dry tons/acre-----						%
Released Varieties							
Reno	3.48 (1)	2.30 (2)	1.94 (2)	7.73 (1)	A	126.8	
Plumas (3L102)	3.18 (3)	2.18 (5)	1.81 (5)	7.16 (2)	A B	117.4	
Forecast 1001	3.05 (8)	2.31 (1)	1.85 (4)	7.08 (3)	A B C	116.1	
WL 334 RK	3.05 (9)	2.24 (3)	1.79 (7)	7.03 (4)	A B C D	115.4	
Dura 512	3.21 (2)	2.09 (9)	1.66 (11)	6.96 (6)	B C D E	114.2	
Blazer XL	3.06 (6)	2.10 (8)	1.76 (8)	6.93 (7)	B C D E	113.7	
Sentry	3.16 (4)	1.98 (17)	1.60 (17)	6.67 (9)	B C D E F	109.5	
WL 325 HQ	2.94 (16)	2.15 (6)	1.66 (12)	6.66 (10)	B C D E F	109.3	
Select	3.09 (5)	2.03 (14)	1.68 (9)	6.63 (11)	B C D E F G	108.8	
Dura 400	2.95 (15)	2.05 (12)	1.62 (15)	6.55 (12)	B C D E F G H	107.5	
Magnum V	2.86 (20)	2.13 (7)	1.39 (30)	6.52 (13)	B C D E F G H I	106.9	
Forecast 3001	3.02 (11)	2.01 (15)	1.55 (20)	6.51 (14)	B C D E F G H I	106.7	
329	3.04 (10)	1.96 (20)	1.50 (23)	6.49 (15)	B C D E F G H I	106.4	
Spirit	2.91 (17)	2.03 (13)	1.61 (16)	6.48 (16)	B C D E F G H I	106.2	
Fortress	3.05 (7)	2.05 (11)	1.59 (19)	6.44 (17)	B C D E F G H I J	105.6	
Key 2	2.74 (24)	1.89 (25)	1.87 (3)	6.42 (18)	C D E F G H I J	105.3	
53V08	2.99 (12)	1.96 (18)	1.48 (24)	6.38 (19)	C D E F G H I J K	104.7	
TriStar	2.96 (13)	1.92 (23)	1.64 (13)	6.32 (20)	D E F G H I J K	103.7	
330	2.68 (27)	1.96 (19)	1.66 (10)	6.29 (21)	E F G H I J K	103.2	
Gold Plus	2.91 (18)	1.86 (27)	1.60 (18)	6.28 (22)	E F G H I J K	103.1	
WL 327	2.86 (19)	2.00 (16)	1.38 (31)	6.12 (23)	F G H I J K	100.4	
Vernal	2.66 (28)	1.93 (22)	1.43 (27)	6.10 (24)	F G H I J K	100.0	
DK 142	2.74 (25)	1.87 (26)	1.40 (29)	5.99 (25)	F G H I J K	98.2	
AlfaStar	2.70 (26)	1.94 (21)	1.55 (21)	5.98 (26)	F G H I J K	98.2	
Leaf Master	2.80 (22)	1.89 (24)	1.40 (28)	5.94 (27)	G H I J K	97.4	
Innovator+Z	2.76 (23)	1.80 (29)	1.34 (32)	5.87 (29)	H I J K	96.4	
Amerigraze 401+Z	2.65 (29)	1.81 (28)	1.43 (26)	5.83 (30)	I J K	95.6	
Affinity+Z	2.50 (31)	1.80 (30)	1.48 (25)	5.72 (31)	J K	93.9	
Archer II	2.42 (32)	1.77 (31)	1.54 (22)	5.68 (32)	K	93.2	
Experimental Varieties							
ZG 9650A	2.83 (21)	2.19 (4)	1.94 (1)	6.98 (5)	B C D E	114.6	
ZX 9853	2.96 (14)	2.09 (10)	1.79 (6)	6.88 (8)	B C D E	112.9	
ZX 9451	2.63 (30)	1.76 (32)	1.62 (14)	5.89 (28)	H I J K	96.7	
MEAN	2.90	2.00	1.61	6.45			
CV	6.40	7.50	9.00	5.50			
LSD (.05)	0.30	0.30	0.30	0.72			

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 Fisher's (protected) LSD.