

Table 4. UC SCOTT VALLEY ALFALFA CULTIVAR TRIAL 1999-2000 YIELDS. TRIAL PLANTED 4/22/99

	1999 YIELD	2000 YIELD	2001 YIELD	2002 YIELD	AVERAGE		% OF VERNAL %
			DRY T/AC				
<b>Released Varieties</b>							
Reno	4.16 (4)	7.67 (8)	7.89 (6)	7.62 (1)	6.84 (1)	A	112.10
Dura 512	4.20 (2)	8.08 (1)	7.55 (17)	7.36 (4)	6.80 (2)	A B	111.50
Plumas (3L102)	4.03 (11)	7.75 (5)	7.87 (8)	7.39 (2)	6.76 (3)	A B C	110.90
Select	4.15 (5)	7.79 (3)	7.88 (7)	7.17 (10)	6.75 (4)	A B C	110.70
Blazer XL	4.11 (7)	7.76 (4)	7.59 (15)	7.26 (6)	6.68 (5)	A B C D	109.60
Forecast 3001	3.58 (25)	7.72 (7)	7.97 (5)	7.30 (5)	6.64 (6)	A B C D E	109.00
53V08	3.51 (28)	7.57 (10)	8.22 (2)	7.22 (8)	6.63 (7)	A B C D E F	108.80
Sentry	4.07 (9)	7.82 (2)	7.46 (21)	6.98 (13)	6.58 (8)	A B C D E F G	108.00
WL 327	4.26 (1)	7.56 (11)	7.67 (10)	6.70 (22)	6.57 (9)	A B C D E F G	107.80
Forecast 1001	3.51 (29)	7.28 (25)	7.98 (3)	7.38 (3)	6.54 (10)	A B C D E F G	107.20
WL 334 RK	3.47 (32)	7.23 (28)	8.26 (1)	7.18 (9)	6.53 (11)	A B C D E F G	107.10
330	4.01 (14)	7.47 (17)	7.64 (11)	7.01 (11)	6.53 (12)	A B C D E F G	107.10
329	3.97 (15)	7.58 (9)	7.51 (18)	6.88 (17)	6.48 (14)	A B C D E F G H	106.30
Spirit	3.80 (20)	7.38 (19)	7.62 (13)	6.98 (12)	6.46 (15)	B C D E F G H I	105.90
Dura 400	4.02 (13)	7.51 (15)	7.47 (20)	6.88 (15)	6.45 (16)	B C D E F G H I	105.80
WL 325 HQ	3.80 (19)	7.53 (14)	7.49 (19)	6.83 (18)	6.41 (18)	C D E F G H I J	105.20
AlfaStar	3.90 (16)	7.38 (20)	7.44 (22)	6.78 (19)	6.38 (19)	D E F G H I J	104.60
Fortress	3.72 (21)	7.35 (23)	7.41 (24)	6.98 (14)	6.37 (20)	D E F G H I J	104.40
TriStar	3.65 (23)	7.36 (21)	7.63 (12)	6.76 (21)	6.35 (21)	D E F G H I J	104.20
Innovator+Z	4.03 (12)	7.36 (22)	7.37 (26)	6.63 (25)	6.35 (22)	D E F G H I J	104.10
Gold Plus	4.08 (8)	7.73 (6)	7.16 (29)	6.38 (30)	6.33 (23)	D E F G H I J	103.90
Key 2	4.06 (10)	7.49 (16)	7.32 (27)	6.46 (26)	6.33 (24)	E F G H I J	103.80
Leaf Master	4.20 (3)	7.47 (18)	7.07 (30)	6.41 (29)	6.29 (25)	F G H I J	103.10
DK 142	4.12 (6)	7.55 (13)	7.00 (32)	6.43 (28)	6.28 (26)	G H I J	102.90
Affinity+Z	3.60 (24)	7.29 (24)	7.41 (23)	6.77 (20)	6.27 (28)	G H I J	102.80
Magnum V	3.58 (26)	7.09 (30)	7.56 (16)	6.43 (27)	6.16 (29)	H I J	101.10
Archer II	3.48 (30)	6.91 (32)	7.41 (25)	6.70 (23)	6.12 (30)	I J	100.40
Amerigraze 401+Z	3.80 (18)	7.24 (26)	7.06 (31)	6.38 (31)	6.12 (31)	I J	100.40
Vernal	3.55 (27)	7.24 (27)	7.25 (28)	6.35 (32)	6.10 (32)	J	100.00
<b>Experimental Varieties</b>							
ZX 9853	3.82 (17)	7.55 (12)	7.81 (9)	6.88 (16)	6.49 (13)	A B C D E F G H	106.40
ZG 9650A	3.47 (31)	7.06 (31)	7.98 (4)	7.26 (7)	6.44 (17)	C D E F G H I J	105.60
ZX 9451	3.66 (22)	7.13 (29)	7.60 (14)	6.67 (24)	6.27 (27)	G H I J	102.80
MEAN	3.85	7.47	7.58	6.89	6.47		
CV	4.80	4.60	5.30	7.80	4.80		
LSD (.05)	0.23	0.43	0.50	0.67	0.35		

Note: VARIETY X YEAR INTERACTION IS SIGNIFICANT

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 (protected) LSD.