

Table 2. UC TULELAKE ALFALFA CULTIVAR TRIAL 1999-2001 YIELDS. TRIAL PLANTED 5/13/99

ENTRY	1999	2000	2001	AVERAGE		% of VERNAL
Dry Tons/acre						
Released Cultivars						
Dura 512	4.41 (04)	9.00 (01)	8.03 (01)	7.15 (01)	A	112.4
329	4.63 (01)	8.83 (02)	7.67 (09)	7.04 (02)	A B	110.7
53V08	4.16 (26)	8.61 (08)	7.96 (02)	6.91 (05)	A B C D E	108.7
WL 325 HQ	4.40 (05)	8.65 (07)	7.67 (08)	6.91 (06)	A B C D E	108.6
Innovator +Z	4.34 (07)	8.71 (05)	7.53 (21)	6.86 (07)	B C D E F	107.8
Plumas (3L102)	4.33 (08)	8.57 (10)	7.61 (12)	6.84 (08)	B C D E F G	107.5
Gold Plus	4.25 (15)	8.41 (15)	7.83 (05)	6.83 (09)	B C D E F G	107.4
Forecast 1001	4.18 (23)	8.58 (09)	7.60 (13)	6.79 (10)	B C D E F G H	106.7
Sentry	4.28 (13)	8.20 (28)	7.87 (04)	6.78 (11)	B C D E F G H	106.6
DK 142	4.16 (27)	8.38 (17)	7.73 (07)	6.76 (12)	C D E F G H I	106.3
Leaf Master	4.46 (02)	8.35 (20)	7.44 (30)	6.75 (13)	C D E F G H I	106.1
Select	4.20 (21)	8.36 (19)	7.59 (14)	6.72 (16)	D E F G H I J K	105.6
Tristar	4.23 (18)	8.44 (13)	7.49 (24)	6.72 (15)	D E F G H I J	105.7
Dura 400	4.21 (19)	8.25 (23)	7.64 (10)	6.70 (17)	D E F G H I J K L	105.4
forecast 3001	4.21 (20)	8.27 (22)	7.56 (16)	6.68 (19)	D E F G H I J K L	105.0
WL 327	4.31 (10)	8.08 (35)	7.63 (11)	6.67 (20)	D E F G H I J K L	104.9
Blazer XL	4.32 (09)	8.22 (25)	7.43 (31)	6.66 (24)	E F G H I J K L	104.7
Aggressor	4.28 (12)	8.22 (24)	7.47 (28)	6.66 (23)	E F G H I J K L	104.7
Key 2	4.28 (11)	8.28 (21)	7.37 (34)	6.64 (25)	E F G H I J K L	104.5
AlfaStar	4.27 (14)	8.14 (30)	7.52 (22)	6.64 (26)	E F G H I J K L	104.4
WL 334 RK	4.24 (17)	8.39 (16)	7.27 (40)	6.64 (27)	F G H I J K L	104.3
Magnum V	4.17 (25)	8.17 (29)	7.54 (19)	6.62 (28)	F G H I J K L M	104.2
330	3.88 (39)	8.49 (11)	7.42 (32)	6.59 (29)	F G H I J K L M	103.7
Reno	3.94 (35)	8.46 (12)	7.35 (35)	6.58 (30)	G H I J K L M	103.5
Fortress	4.18 (22)	7.93 (39)	7.49 (25)	6.53 (31)	H I J K L M	102.7
Archer II	3.89 (38)	8.20 (27)	7.48 (26)	6.53 (32)	H I J K L M	102.6
Amerigraze 401+Z	4.12 (28)	7.98 (36)	7.47 (29)	6.52 (33)	H I J K L M	102.6
Affinity +Z	4.03 (33)	8.13 (31)	7.40 (33)	6.52 (35)	H I J K L M	102.5
Blazer	3.94 (36)	8.11 (34)	7.32 (37)	6.46 (37)	J K L M	101.5
Spirit	3.80 (40)	7.94 (38)	7.54 (17)	6.43 (39)	L M	101.1
Vernal	4.25 (16)	7.51 (40)	7.32 (38)	6.36 (40)	M	100.0
Experimental Cutlivars						
CW5440	4.45 (03)	8.82 (03)	7.76 (06)	7.01 (03)	A B C	110.2
CW75044	4.18 (24)	8.72 (04)	7.92 (03)	6.94 (04)	A B C D	109.1
CW6539	4.03 (32)	8.66 (06)	7.54 (18)	6.74 (14)	C D E F G H I	106.0
DS9707HYB	4.39 (06)	8.13 (32)	7.58 (15)	6.70 (18)	D E F G H I J K L	105.3
DS9704HYB	4.07 (31)	8.43 (14)	7.50 (23)	6.67 (21)	D E F G H I J K L	104.8
ZG 9650A	4.08 (29)	8.36 (18)	7.54 (20)	6.66 (22)	E F G H I J K L	104.7
ZX 9451	4.03 (34)	8.21 (26)	7.33 (36)	6.52 (34)	H I J K L M	102.6
ZX 9853	4.07 (30)	8.12 (33)	7.31 (39)	6.50 (36)	I J K L M	102.2
DS9705HYB	3.90 (37)	7.95 (37)	7.48 (27)	6.44 (38)	K L M	101.3
MEAN	4.19	8.33	7.56	6.69		
CV	6.7	3.6	4.3	4.7		
LSD (.05)	0.39	0.42	N.S.	0.27		

Trial seeded at 25 lb/acre viable seed UC Intermountain Research and Extension Center, Tulelake CA.

Entries followed by the same letter are not significantly different at the 5% probability level according to Fishers (protected) LSD.