

TABLE 2. UC TULELAKE ALFALFA CULTIVAR TRIAL 1994-2000 YIELDS. TRIAL PLANTED 7/7/93

ENTRY	1994	1995	1996	1997	1998	1999	2000	Average		% of Vernal
Dry Tons/Acre										
Released Cultivars										
5262	8.15 (14)	6.02 (16)	4.67 (01)	6.90 (02)	7.42 (01)	7.98 (01)	8.08 (01)	7.03 (01)	A	114.4
329 (C/W 1312)	8.25 (05)	6.15 (03)	4.45 (08)	6.84 (03)	7.35 (02)	7.78 (04)	7.86 (05)	6.95 (02)	A B	113.1
Class	8.33 (03)	6.06 (13)	4.32 (23)	6.68 (08)	7.33 (05)	7.70 (05)	7.75 (09)	6.88 (03)	A B C	111.9
Crystal	8.06 (22)	5.95 (26)	4.35 (19)	6.55 (17)	7.34 (03)	7.79 (02)	8.03 (02)	6.87 (04)	A B C D	111.7
2888 (C/W 1437)	8.24 (06)	6.04 (15)	4.31 (26)	6.65 (11)	7.23 (08)	7.66 (09)	7.79 (07)	6.85 (05)	A B C D E	111.4
5246	8.63 (01)	5.86 (36)	4.54 (03)	6.43 (29)	7.09 (21)	7.68 (07)	7.61 (17)	6.83 (06)	A B C D E F	111.2
Asset	8.18 (09)	6.06 (12)	4.37 (16)	6.90 (01)	7.12 (16)	7.64 (11)	7.56 (22)	6.83 (07)	A B C D E F	111.2
5364	7.99 (33)	5.99 (21)	4.42 (13)	6.72 (06)	7.34 (04)	7.78 (03)	7.51 (27)	6.82 (08)	A B C D E F	111.0
Aggressor	8.16 (11)	6.19 (01)	4.51 (04)	6.63 (13)	6.96 (26)	7.49 (26)	7.68 (14)	6.80 (11)	A B C D E F G	110.7
DK 122	8.12 (18)	6.09 (08)	4.47 (07)	6.71 (07)	7.22 (09)	7.50 (25)	7.49 (28)	6.80 (12)	A B C D E F G	110.6
Reward	8.13 (17)	5.94 (27)	4.56 (02)	6.60 (14)	7.19 (11)	7.43 (29)	7.75 (10)	6.80 (13)	A B C D E F G	110.6
Webfoot MPR	8.33 (04)	6.14 (04)	4.33 (21)	6.49 (24)	7.15 (14)	7.55 (16)	7.57 (20)	6.79 (14)	A B C D E F G	110.5
Centurion	8.05 (23)	6.07 (10)	4.25 (29)	6.58 (16)	7.23 (07)	7.52 (20)	7.61 (18)	6.76 (15)	A B C D E F G	110.0
Blazer	8.14 (15)	5.72 (44)	4.31 (25)	6.43 (28)	7.24 (06)	7.66 (10)	7.71 (12)	6.75 (16)	A B C D E F G	109.7
Parade (Un 60)	8.17 (10)	5.96 (25)	4.08 (47)	6.47 (27)	7.19 (12)	7.55 (18)	7.80 (06)	6.74 (17)	A B C D E F G	109.7
Achieva	8.15 (12)	6.06 (11)	4.35 (18)	6.58 (15)	7.12 (15)	7.42 (30)	7.48 (31)	6.74 (18)	B C D E F G	109.6
Webfoot	7.76 (42)	6.13 (05)	4.21 (35)	6.38 (40)	7.04 (22)	7.58 (15)	7.97 (03)	6.72 (20)	B C D E F G H	109.4
Milk River (C/W 1361)	8.04 (26)	5.80 (40)	4.28 (28)	6.53 (19)	7.10 (19)	7.51 (23)	7.71 (11)	6.71 (21)	B C D E F G H	109.2
Nemagone	8.01 (30)	5.96 (23)	4.34 (20)	6.49 (23)	6.96 (28)	7.52 (21)	7.70 (13)	6.71 (22)	B C D E F G H	109.1
AlfaStar (C/W 1404)	8.00 (32)	5.85 (38)	4.33 (22)	6.66 (10)	7.19 (10)	7.51 (24)	7.40 (40)	6.71 (23)	B C D E F G H	109.1
5472	7.93 (36)	5.85 (37)	4.43 (12)	6.67 (09)	6.96 (27)	7.44 (27)	7.65 (16)	6.70 (24)	B C D E F G H	109.0
DK 125	8.04 (24)	5.79 (42)	4.18 (41)	6.54 (18)	7.10 (20)	7.59 (14)	7.66 (15)	6.70 (25)	B C D E F G H	109.0
Blazer XL	8.03 (27)	6.15 (02)	4.36 (17)	6.50 (22)	6.90 (33)	7.39 (32)	7.48 (30)	6.69 (26)	B C D E F G H I	108.8
Ultra	8.12 (19)	6.01 (18)	4.32 (24)	6.63 (12)	6.93 (31)	7.32 (34)	7.38 (42)	6.67 (27)	B C D E F G H I	108.6
WL 317	8.34 (02)	6.12 (06)	4.44 (10)	6.42 (32)	6.77 (40)	7.25 (38)	7.26 (44)	6.66 (28)	C D E F G H I	108.3
DK 133	8.15 (13)	5.96 (24)	4.21 (36)	6.73 (05)	6.87 (35)	7.28 (36)	7.40 (41)	6.66 (29)	C D E F G H I	108.3
MultiQueen (C/W 1466)	8.20 (08)	5.88 (35)	4.22 (33)	6.40 (38)	6.84 (37)	7.59 (13)	7.47 (32)	6.66 (30)	C D E F G H I	108.3
Epic	7.75 (43)	5.91 (32)	4.21 (34)	6.34 (42)	7.12 (18)	7.55 (17)	7.55 (24)	6.63 (31)	C D E F G H I J	107.9
89-30	7.90 (37)	5.89 (33)	4.18 (42)	6.42 (33)	6.92 (32)	7.52 (22)	7.45 (33)	6.61 (33)	C D E F G H I J	107.5
WL 323	8.06 (21)	5.92 (30)	4.18 (39)	6.39 (39)	6.95 (29)	7.27 (37)	7.41 (39)	6.60 (35)	C D E F G H I J	107.3
5454	7.71 (44)	5.89 (34)	4.20 (37)	6.27 (44)	7.00 (25)	7.54 (19)	7.52 (25)	6.59 (37)	C D E F G H I J	107.2
Arrow	8.00 (31)	5.93 (29)	4.38 (14)	6.48 (25)	6.82 (38)	7.31 (35)	7.12 (47)	6.58 (38)	D E F G H I J	107.0
Belmont	8.03 (28)	6.07 (09)	4.24 (30)	6.40 (36)	6.77 (39)	7.19 (41)	7.33 (43)	6.58 (39)	D E F G H I J	107.0
WL 320	7.82 (38)	6.02 (17)	4.09 (46)	6.30 (43)	6.70 (43)	7.37 (33)	7.57 (19)	6.55 (40)	E F G H I J	106.6
Apollo Supreme	7.59 (46)	6.05 (14)	4.49 (05)	6.40 (35)	6.73 (41)	7.18 (42)	7.43 (37)	6.55 (41)	F G H I J	106.6
Cimarron VR	7.51 (47)	5.93 (28)	4.37 (15)	6.51 (21)	6.71 (42)	7.22 (40)	7.56 (22)	6.54 (42)	F G H I J	106.5
WL 322 HQ	7.71 (45)	5.71 (45)	4.16 (43)	6.38 (41)	6.84 (36)	7.42 (31)	7.44 (34)	6.52 (43)	G H I J	106.1
Archer	7.76 (41)	5.80 (41)	4.22 (32)	6.22 (46)	6.56 (46)	7.10 (45)	7.43 (38)	6.44 (44)	H I J K	104.8
LM 456	7.79 (40)	5.53 (47)	3.84 (48)	6.20 (47)	6.51 (48)	7.06 (47)	7.48 (29)	6.35 (47)	J K L	103.2
Iroquois	6.92 (49)	5.46 (48)	4.30 (27)	6.15 (49)	6.57 (45)	6.98 (48)	6.99 (48)	6.20 (48)	K L	100.8
Vernal	7.11 (48)	5.21 (49)	4.20 (38)	6.27 (45)	6.35 (49)	7.10 (44)	6.80 (49)	6.15 (49)	L	100.0
Experimental Cultivars										
ABI 9143	8.02 (29)	5.98 (22)	4.47 (06)	6.53 (20)	7.15 (13)	7.62 (12)	7.94 (04)	6.82 (09)	A B C D E F	110.9
More	8.12 (20)	6.09 (07)	4.45 (09)	6.48 (26)	7.12 (17)	7.66 (08)	7.76 (08)	6.81 (10)	A B C D E F G	110.8
PGI 3222	8.14 (16)	6.01 (19)	4.43 (11)	6.42 (30)	7.02 (23)	7.69 (06)	7.44 (36)	6.74 (19)	B C D E F G	109.6
PGI 3392	7.94 (35)	5.99 (20)	4.15 (44)	6.73 (04)	6.93 (30)	7.11 (43)	7.44 (35)	6.61 (32)	C D E F G H I J	107.6
C/W 1349	7.98 (34)	5.92 (31)	4.22 (31)	6.40 (34)	7.00 (24)	7.43 (28)	7.25 (45)	6.60 (34)	C D E F G H I J	107.4
H-154	8.22 (07)	5.69 (46)	4.14 (45)	6.42 (31)	6.88 (34)	7.22 (39)	7.57 (21)	6.59 (36)	C D E F G H I J	107.2
6J89	8.04 (25)	5.75 (43)	3.76 (49)	6.40 (37)	6.52 (47)	7.06 (46)	7.52 (26)	6.44 (45)	H I J K L	104.7
AS-BG	7.80 (39)	5.82 (39)	4.18 (40)	6.18 (48)	6.67 (44)	6.94 (49)	7.19 (46)	6.40 (46)	I J K L	104.1
MEAN	7.99	5.93	4.30	6.50	6.98	7.44	7.54	6.67		
CV	4.00	3.20	4.00	4.10	4.30	5.30	5.30	3.90		
LSD (.05)	0.44	0.26	0.24	0.38	0.42		0.55	0.29		

VARIETY X YEAR INTERACTION IS SIGNIFICANT

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.

Note: 1996 year total represents 2 of 3 harvests (one was omitted due to data problems)

