

Table 2. UC TULELAKE ALFALFA CULTIVAR TRIAL 1999-2002 YIELDS. TRIAL PLANTED 5/13/99

	1999	2000	2001	2002	AVERAGE		% OF
	YIELD	YIELD	YIELD	YIELD			VERNAL
			DRY T/AC				%
<b>Released Cultivars</b>							
Dura 512	4.41 ( 4)	9.00 ( 1)	8.03 ( 1)	9.54 ( 4)	7.75 ( 1)	A	110.90
WL 325 HQ	4.40 ( 5)	8.65 ( 7)	7.67 ( 8)	9.82 ( 1)	7.64 ( 2)	A B	109.30
Wintergold (CW5440)	4.45 ( 3)	8.82 ( 3)	7.76 ( 6)	9.17 (18)	7.55 ( 3)	A B C	108.10
329	4.63 ( 1)	8.83 ( 2)	7.67 ( 9)	9.06 (28)	7.55 ( 4)	A B C	108.10
53V08	4.16 (26)	8.61 ( 8)	7.96 ( 2)	9.43 ( 7)	7.54 ( 5)	A B C D	108.00
Ascend (CW75044)	4.18 (24)	8.72 ( 4)	7.92 ( 3)	9.35 ( 9)	7.54 ( 6)	A B C D	108.00
Innovator +Z	4.34 ( 7)	8.71 ( 5)	7.53 (21)	9.56 ( 3)	7.53 ( 7)	A B C D E	107.90
Plumas (3L102)	4.33 ( 8)	8.57 (10)	7.61 (12)	9.47 ( 5)	7.50 ( 8)	A B C D E F	107.30
WL 327	4.31 (10)	8.08 (35)	7.63 (11)	9.64 ( 2)	7.41 ( 9)	B C D E F G	106.20
Gold Plus	4.25 (15)	8.41 (15)	7.83 ( 5)	9.14 (21)	7.41 (10)	B C D E F G	106.10
Forecast 1001	4.18 (23)	8.58 ( 9)	7.60 (13)	9.26 (14)	7.41 (11)	B C D E F G	106.00
Sentry	4.28 (13)	8.20 (28)	7.87 ( 4)	9.18 (17)	7.38 (12)	B C D E F G H	105.70
Tristar	4.23 (18)	8.44 (13)	7.49 (24)	9.32 (12)	7.37 (13)	B C D E F G H	105.50
DK 142	4.16 (27)	8.38 (17)	7.73 ( 7)	9.04 (29)	7.33 (15)	C D E F G H I	104.90
Select	4.20 (21)	8.36 (19)	7.59 (14)	9.16 (20)	7.33 (16)	C D E F G H I	104.90
Leaf Master	4.46 ( 2)	8.35 (20)	7.44 (30)	9.00 (32)	7.31 (17)	C D E F G H I	104.70
forecast 3001	4.21 (20)	8.27 (22)	7.56 (16)	9.20 (15)	7.31 (18)	C D E F G H I	104.70
Key 2	4.28 (11)	8.28 (21)	7.37 (34)	9.19 (16)	7.28 (20)	C D E F G H I	104.30
Blazer XL	4.32 ( 9)	8.22 (25)	7.43 (31)	9.13 (23)	7.28 (21)	C D E F G H I	104.20
Aggressor	4.28 (12)	8.22 (24)	7.47 (28)	9.07 (26)	7.26 (23)	E F G H I J	104.00
Archer II	3.89 (38)	8.20 (27)	7.48 (26)	9.34 (10)	7.23 (24)	F G H I J	103.50
Magnum V	4.17 (25)	8.17 (29)	7.54 (19)	9.03 (30)	7.23 (25)	F G H I J	103.50
Dura 400	4.21 (19)	8.25 (23)	7.64 (10)	8.79 (38)	7.22 (26)	F G H I J	103.40
Affinity +Z	4.03 (33)	8.13 (31)	7.40 (33)	9.33 (11)	7.22 (27)	F G H I J	103.40
Reno	3.94 (35)	8.46 (12)	7.35 (35)	9.08 (25)	7.21 (28)	G H I J	103.20
AlfaStar	4.27 (14)	8.14 (30)	7.52 (22)	8.90 (34)	7.21 (29)	G H I J	103.20
Amerigraze 401+Z	4.12 (28)	7.98 (36)	7.47 (29)	9.17 (19)	7.18 (32)	G H I J	102.90
330	3.88 (39)	8.49 (11)	7.42 (32)	8.80 (37)	7.15 (35)	G H I J	102.30
Fortress	4.18 (22)	7.93 (39)	7.49 (25)	8.98 (33)	7.14 (36)	G H I J	102.30
Blazer	3.94 (36)	8.11 (34)	7.32 (37)	9.12 (24)	7.12 (37)	H I J	102.00
Spirit	3.80 (40)	7.94 (38)	7.54 (17)	9.14 (22)	7.11 (38)	H I J	101.80
WL 334 RK	4.24 (17)	8.39 (16)	7.27 (40)	8.41 (40)	7.08 (39)	I J	101.40
Vernal	4.25 (16)	7.51 (40)	7.32 (38)	8.86 (36)	6.98 (40)	J	100.00
<b>Experimental Cultivars</b>							
DS9707HYB	4.39 ( 6)	8.13 (32)	7.58 (15)	9.37 ( 8)	7.37 (14)	B C D E F G H	105.50
CW6539	4.03 (32)	8.66 ( 6)	7.54 (18)	8.90 (35)	7.28 (19)	C D E F G H I	104.30
DS9704HYB	4.07 (31)	8.43 (14)	7.50 (23)	9.06 (27)	7.27 (22)	D E F G H I	104.00
ZX 9853	4.07 (30)	8.12 (33)	7.31 (39)	9.31 (13)	7.20 (30)	G H I J	103.10
DS9705HYB	3.90 (37)	7.95 (37)	7.48 (27)	9.44 ( 6)	7.19 (31)	G H I J	103.00
ZG 9650A	4.08 (29)	8.36 (18)	7.54 (20)	8.74 (39)	7.18 (33)	G H I J	102.80
ZX 9451	4.03 (34)	8.21 (26)	7.33 (36)	9.02 (31)	7.15 (34)	G H I J	102.30
MEAN	4.19	8.33	7.56	9.16	7.31		
CV	6.70	3.60	4.30	4.40	5.00		
LSD (.05)	0.39	0.42		0.56	0.28		

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

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