

Table 4. UC TULELAKE ALFALFA CULTIVAR TRIAL 1999-2000 YIELDS. TRIAL PLANTED 5/13/99

ENTRY	1999	2000	Average		
	Dry Tons/Acre				
Released Cultivars					
329	4.63 (01)	8.82 (02)	6.73 (01)	A	114.4
Dura 512	4.41 (04)	9.00 (01)	6.71 (02)	A	114.0
WL 325 HQ	4.40 (05)	8.65 (07)	6.52 (04)	A B C	111.0
Innovator +Z	4.34 (07)	8.70 (05)	6.52 (05)	A B C	110.9
Plumas (3L102)	4.33 (08)	8.57 (10)	6.45 (06)	A B C D	109.7
Leaf Master	4.46 (02)	8.35 (20)	6.40 (08)	B C D E	108.9
53V08	4.16 (26)	8.61 (08)	6.38 (09)	B C D E F	108.6
Forecast 1001	4.18 (23)	8.58 (09)	6.38 (10)	B C D E F	108.6
Tristar	4.23 (18)	8.44 (13)	6.34 (12)	B C D E F G	107.8
Gold Plus	4.25 (15)	8.41 (15)	6.33 (13)	C D E F G	107.7
WL 334 RK	4.24 (17)	8.39 (16)	6.32 (14)	C D E F G H	107.4
Key 2	4.28 (11)	8.28 (21)	6.28 (15)	C D E F G H	106.8
Select	4.20 (21)	8.36 (19)	6.28 (16)	C D E F G H	106.8
DK 142	4.16 (27)	8.38 (17)	6.27 (17)	C D E F G H	106.6
Blazer XL	4.32 (09)	8.22 (25)	6.27 (18)	C D E F G H	106.6
Aggressor	4.28 (12)	8.22 (24)	6.25 (20)	C D E F G H	106.3
Forecast 3001	4.20 (20)	8.27 (22)	6.24 (22)	C D E F G H	106.1
Sentry	4.27 (13)	8.20 (28)	6.23 (23)	C D E F G H	106.0
Dura 400	4.21 (19)	8.25 (23)	6.23 (24)	C D E F G H	105.9
AlfaStar	4.27 (14)	8.14 (30)	6.21 (26)	D E F G H I	105.5
Reno	3.94 (35)	8.46 (12)	6.20 (27)	D E F G H I	105.4
WL 327	4.31 (10)	8.08 (35)	6.19 (28)	D E F G H I	105.3
330	3.88 (39)	8.49 (11)	6.18 (29)	D E F G H I	105.2
Magnum V	4.17 (25)	8.17 (29)	6.17 (30)	D E F G H I J	104.9
Affinity +Z	4.03 (33)	8.13 (31)	6.08 (33)	G H I J	103.4
Fortress	4.18 (22)	7.92 (39)	6.05 (34)	G H I J	103.0
Amerigraze 401+	4.12 (28)	7.98 (36)	6.05 (35)	G H I J	102.9
Archer II	3.89 (38)	8.20 (27)	6.05 (36)	G H I J	102.8
Blazer	3.94 (36)	8.11 (34)	6.02 (37)	H I J	102.4
Vernal	4.25 (16)	7.51 (40)	5.88 (39)	J	100.0
Spirit	3.80 (40)	7.94 (38)	5.87 (40)	J	99.9
Experimental Cultivars					
CW5440	4.45 (03)	8.82 (03)	6.63 (03)	A B	112.8
CW75044	4.18 (24)	8.71 (04)	6.44 (07)	A B C D	109.6
CW6539	4.03 (32)	8.66 (06)	6.34 (11)	B C D E F G	107.9
DS9707HYB	4.39 (06)	8.13 (32)	6.26 (19)	C D E F G H	106.4
DS9704HYB	4.07 (31)	8.43 (14)	6.25 (21)	C D E F G H	106.3
ZG 9650A	4.07 (29)	8.36 (18)	6.22 (25)	D E F G H I	105.8
ZX 9451	4.03 (34)	8.21 (26)	6.12 (31)	E F G H I J	104.0
ZX 9853	4.07 (30)	8.12 (33)	6.10 (32)	F G H I J	103.7
DS9705HYB	3.90 (37)	7.95 (37)	5.93 (38)	I J	100.8
MEAN	4.19	8.33	6.26		
CV	6.70	3.60	4.70		
LSD (.05)	0.39	0.42	0.30		

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 (prc