

Table 1. UC TULELAKE ALFALFA CULTIVAR TRIAL 2001 YIELDS. TRIAL PLANTED 5/13/99

Note: ONE YEAR DATA SHOULD NOT BE USED TO CHOOSE OR EVALUATE ALFALFA CULTIVARS.

	Cut 1 6/4	Cut 2 7/9	Cut 3 8/10	Cut 4 9/16	YEAR TOTAL	% OF VERNAL
Released Cultivars			Dry Tons/acre			
Dura 512	2.84 (02)	2.15 (01)	1.74 (26)	1.30 (01)	8.03 (01)	109.8
53V08	2.85 (01)	2.13 (02)	1.78 (21)	1.20 (20)	7.96 (02)	108.8
Sentry	2.76 (06)	1.97 (11)	1.86 (04)	1.27 (02)	7.87 (04)	107.5
Gold Plus	2.70 (16)	2.01 (07)	1.90 (03)	1.23 (12)	7.83 (05)	107.0
DK 142	2.73 (10)	1.96 (15)	1.85 (07)	1.20 (19)	7.73 (07)	105.7
WL 325 HQ	2.71 (14)	1.92 (21)	1.83 (10)	1.21 (17)	7.67 (08)	104.9
329	2.68 (19)	1.96 (17)	1.79 (15)	1.24 (07)	7.67 (09)	104.8
Dura 400	2.58 (31)	2.02 (05)	1.85 (06)	1.19 (24)	7.64 (10)	104.4
WL 327	2.72 (12)	2.01 (06)	1.73 (31)	1.17 (28)	7.63 (11)	104.3
Plumas (3L102)	2.76 (05)	1.90 (30)	1.75 (24)	1.20 (22)	7.61 (12)	104.0
Forecast 1001	2.51 (36)	2.06 (04)	1.80 (14)	1.22 (13)	7.60 (13)	103.8
Select	2.52 (35)	1.91 (25)	1.91 (02)	1.24 (06)	7.59 (14)	103.7
Forecast 3001	2.62 (27)	1.98 (10)	1.79 (16)	1.17 (29)	7.56 (16)	103.3
Spirit	2.67 (21)	1.93 (19)	1.77 (23)	1.18 (26)	7.54 (17)	103.1
Magnum V	2.68 (18)	1.93 (20)	1.78 (22)	1.15 (32)	7.54 (19)	103.0
Innovator +Z	2.69 (17)	1.97 (12)	1.79 (20)	1.08 (36)	7.53 (21)	102.9
AlfaStar	2.71 (15)	1.86 (38)	1.72 (32)	1.23 (09)	7.52 (22)	102.7
Tristar	2.63 (24)	1.90 (29)	1.75 (25)	1.21 (14)	7.49 (24)	102.4
Fortress	2.64 (23)	1.90 (28)	1.81 (13)	1.13 (33)	7.49 (25)	102.3
Archer II	2.49 (39)	1.92 (22)	1.84 (08)	1.24 (08)	7.48 (26)	102.3
Aggressor	2.78 (03)	1.91 (24)	1.70 (34)	1.08 (38)	7.47 (28)	102.1
Amerigraze 401+Z	2.67 (20)	1.96 (14)	1.66 (37)	1.17 (27)	7.47 (29)	102.0
Leaf Master	2.61 (30)	1.77 (40)	1.86 (05)	1.19 (24)	7.44 (30)	101.6
Blazer XL	2.75 (07)	1.87 (34)	1.57 (40)	1.23 (10)	7.43 (31)	101.5
330	2.51 (37)	1.96 (16)	1.74 (27)	1.21 (15)	7.42 (32)	101.3
Affinity +Z	2.61 (29)	1.98 (09)	1.73 (29)	1.07 (39)	7.40 (33)	101.1
Key 2	2.72 (13)	1.88 (32)	1.67 (36)	1.10 (35)	7.37 (34)	100.7
Reno	2.63 (25)	1.87 (33)	1.71 (33)	1.13 (34)	7.35 (35)	100.4
Blazer	2.63 (26)	1.87 (37)	1.68 (35)	1.15 (31)	7.32 (37)	100.1
Vernal	2.78 (04)	1.90 (27)	1.60 (39)	1.03 (40)	7.32 (38)	100.0
WL 334 RK	2.57 (32)	2.00 (08)	1.62 (38)	1.08 (37)	7.27 (40)	99.3
Experimental Cultivars						
CW75044	2.74 (09)	2.07 (03)	1.91 (01)	1.21 (16)	7.92 (03)	108.3
CW5440	2.74 (08)	1.97 (13)	1.79 (19)	1.27 (04)	7.76 (06)	106.1
DS9707HYB	2.72 (11)	1.87 (35)	1.79 (18)	1.20 (23)	7.58 (15)	103.6
CW6539	2.56 (33)	1.88 (31)	1.83 (09)	1.27 (03)	7.54 (18)	103.1
ZG 9650A	2.56 (34)	1.96 (18)	1.82 (11)	1.20 (18)	7.54 (20)	103.0
DS9704HYB	2.61 (28)	1.91 (23)	1.81 (12)	1.17 (30)	7.50 (23)	102.5
DS9705HYB	2.65 (22)	1.87 (36)	1.74 (28)	1.23 (11)	7.48 (27)	102.2
ZX 9451	2.44 (40)	1.91 (26)	1.79 (17)	1.20 (21)	7.33 (36)	100.2
ZX 9853	2.51 (38)	1.80 (39)	1.73 (30)	1.26 (05)	7.31 (39)	99.9
MEAN	2.66	1.94	1.77	1.19	7.56	
CV	6.8	6.1	6.5	8.6	4.3	
LSD (.05)	NS	0.17	0.16	NS	NS	

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

Entries were NOT significantly different in 2001 at the 5% probability level according to Fishers (protected) LSD.

Therefore, at the 95% level of confidence, these should be considered similar in yield potential for this year