

Table 1. UC TULLAKE ALFALFA CULTIVAR TRIAL 2003 YIELDS. TRIAL PLANTED 5/13/99
 NOTE: SINGLE YEAR DATA SHOULD NOT BE USED TO EVALUATE
 ALFALFA VARIETIES OR CHOOSE ALFALFA CULTIVARS

	Cut 1 6/9	Cut 2 7/10	Cut 3 8/11	Cut 4 9/15	YEAR TOTAL	% OF VERNAL
-----Dry tons/acre-----						%
Released Cultivars						
Dura 512	2.67 (4)	2.12 (1)	1.49 (3)	1.09 (9)	7.38 (1)	105.9
53V08	2.73 (2)	2.04 (3)	1.44 (9)	1.08 (13)	7.28 (2)	104.5
Spirit	2.64 (6)	1.91 (15)	1.42 (15)	1.09 (10)	7.07 (4)	101.5
Aggressor	2.56 (10)	1.82 (31)	1.48 (4)	1.15 (3)	7.02 (5)	100.8
CW75044	2.36 (35)	2.10 (2)	1.44 (11)	1.10 (8)	7.00 (6)	100.6
WL 325 HQ	2.53 (15)	1.96 (9)	1.49 (2)	1.01 (26)	6.99 (8)	100.4
Blazer XL	2.60 (8)	1.82 (33)	1.45 (6)	1.12 (6)	6.99 (9)	100.4
Forecast 1001	2.49 (22)	1.98 (8)	1.44 (7)	1.07 (14)	6.98 (10)	100.3
Vernal	2.99 (1)	1.75 (38)	1.26 (39)	0.96 (32)	6.96 (11)	100.0
Magnum V	2.48 (23)	2.00 (6)	1.36 (23)	1.08 (12)	6.92 (12)	99.4
DK 142	2.50 (21)	1.90 (20)	1.36 (26)	1.15 (2)	6.91 (13)	99.2
WL 327	2.65 (5)	1.79 (35)	1.44 (10)	1.02 (25)	6.90 (14)	99.1
Forecast 3001	2.59 (9)	1.91 (18)	1.34 (31)	1.06 (16)	6.89 (15)	99.0
Sentry	2.51 (20)	1.93 (12)	1.51 (1)	0.95 (34)	6.89 (16)	99.0
Innovator +Z	2.70 (3)	1.92 (13)	1.29 (36)	0.94 (37)	6.85 (17)	98.3
Tristar	2.51 (18)	1.88 (22)	1.32 (33)	1.13 (4)	6.85 (18)	98.3
Select	2.38 (31)	1.91 (16)	1.40 (16)	1.15 (1)	6.84 (19)	98.3
AlfaStar	2.38 (29)	1.94 (10)	1.44 (8)	1.05 (21)	6.81 (20)	97.7
Fortress	2.56 (11)	1.82 (32)	1.38 (21)	1.04 (22)	6.79 (21)	97.6
CW5440	2.52 (16)	1.94 (11)	1.36 (25)	0.97 (29)	6.79 (22)	97.5
329	2.63 (7)	1.84 (28)	1.36 (28)	0.96 (33)	6.78 (23)	97.4
Reno	2.32 (38)	2.01 (5)	1.39 (19)	1.05 (20)	6.77 (24)	97.2
Leaf Master	2.43 (26)	1.87 (25)	1.39 (20)	1.06 (15)	6.75 (25)	96.9
Plumas (3L102)	2.54 (13)	1.88 (23)	1.33 (32)	0.96 (30)	6.72 (27)	96.5
Affinity +Z	2.54 (12)	1.81 (34)	1.40 (17)	0.95 (35)	6.70 (28)	96.3
Gold Plus	2.38 (30)	1.87 (24)	1.32 (34)	1.05 (18)	6.62 (31)	95.1
Key 2	2.51 (17)	1.86 (27)	1.43 (12)	0.81 (40)	6.61 (32)	94.9
Archer II	2.32 (37)	1.88 (21)	1.34 (30)	1.05 (17)	6.60 (35)	94.8
Dura 400	2.45 (25)	1.76 (37)	1.36 (27)	1.00 (27)	6.57 (36)	94.3
Amerigraze 401+Z	2.46 (24)	1.72 (40)	1.31 (35)	0.94 (36)	6.44 (37)	92.5
Blazer	2.35 (36)	1.74 (39)	1.37 (22)	0.91 (38)	6.37 (38)	91.5
WL 334 RK	2.37 (33)	1.83 (29)	1.25 (40)	0.88 (39)	6.33 (39)	90.9
Experimental Cultivars						
ZX 9853	2.51 (19)	2.02 (4)	1.47 (5)	1.11 (7)	7.11 (3)	102.1
DS9707HYB	2.54 (14)	1.91 (17)	1.42 (14)	1.13 (5)	7.00 (7)	100.5
DS9704HYB	2.39 (28)	1.99 (7)	1.36 (24)	1.00 (28)	6.73 (26)	96.7
ZG 9650A	2.40 (27)	1.78 (36)	1.39 (18)	1.09 (11)	6.66 (29)	95.7
ZX 9451	2.28 (39)	1.90 (19)	1.43 (13)	1.02 (23)	6.64 (30)	95.3
DS9705HYB	2.37 (32)	1.86 (26)	1.35 (29)	1.02 (24)	6.61 (33)	94.9
CW6539	2.36 (34)	1.92 (14)	1.27 (38)	1.05 (19)	6.61 (34)	94.9
330	2.23 (40)	1.82 (30)	1.28 (37)	0.96 (31)	6.30 (40)	90.5
MEAN	2.49	1.89	1.38	1.03	6.8	
CV	7	9	8.3	17.3	5.9	
LSD (.05)	0.25	NS	NS	NS	NS	

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 Fisher's (protected) LSD.