

Table 1. UC TULELAKE ALFALFA CULTIVAR TRIAL 2004 YIELDS. TRIAL PLANTED 5/21/2004.

Note: Single year data should not be used to evaluate alfalfa varieties or choose alfalfa cultivars

		Cut 1 7/13	Cut 2 8/17	Cut 3 9/17	YEAR TOTAL		% OF VERNAL
	FD -----	Dry t/a-----			Dry t/a		%
<b>Released Varieties</b>							
Mountaineer2.0	5	1.8 ( 1)	2.3 ( 1)	1.4 (11)	5.4 ( 1)	A	116.7
Magna601	6	1.8 ( 4)	2.1 (20)	1.5 ( 6)	5.3 ( 5)	A B C D	114.7
Expedition	5	1.7 (15)	2.1 (21)	1.5 ( 7)	5.3 ( 6)	A B C D E	113.3
WL325HQ	3	1.7 (19)	2.3 ( 2)	1.3 (15)	5.3 ( 7)	A B C D E	113.1
Recover	5	1.7 (13)	2.1 (18)	1.4 ( 9)	5.2 ( 9)	A B C D E	112.5
DS309Hyb	4	1.7 (14)	2.1 (19)	1.4 ( 8)	5.2 (10)	A B C D E	112.4
MasterPiece	4	1.7 (16)	2.2 (12)	1.4 (12)	5.2 (12)	A B C D E F	112.2
Vitro	3	1.8 ( 3)	2.2 ( 4)	1.2 (26)	5.2 (13)	A B C D E F	112.1
DS218	6	1.7 (11)	2.1 (22)	1.4 (10)	5.2 (14)	A B C D E F	112.0
Hybriforce-420Wet	4	1.7 (18)	2.2 ( 6)	1.4 (14)	5.2 (15)	A B C D E F	112.0
Rebound5.0	4	1.7 (17)	2.2 ( 3)	1.3 (20)	5.2 (16)	A B C D E F	111.9
SW435(SW4A135)	4	1.8 ( 7)	2.1 (16)	1.3 (19)	5.2 (17)	A B C D E F	111.6
AlfaStarII	4	1.8 ( 2)	2.1 (14)	1.3 (23)	5.2 (18)	A B C D E F	111.3
LM459WD	5	1.6 (32)	1.9 (36)	1.6 ( 2)	5.1 (20)	A B C D E F G	110.3
54Q25	4	1.7 ( 9)	2.1 (15)	1.2 (27)	5.1 (21)	A B C D E F G H	109.6
Xtra-3	4	1.7 (22)	2.1 (13)	1.3 (24)	5.1 (23)	B C D E F G H I	108.7
CW5440	4	1.8 ( 8)	2.2 (11)	1.2 (32)	5.1 (24)	B C D E F G H I	108.4
WL319HQ	3	1.7 (26)	2.2 ( 7)	1.2 (29)	5.1 (25)	C D E F G H I	108.4
RewardIII	4	1.7 (20)	2.2 ( 9)	1.2 (31)	5.0 (26)	D E F G H I	107.9
Boulder(4M125)	5	1.7 (25)	2.1 (30)	1.3 (22)	5.0 (27)	D E F G H I	107.6
BlazerXL	3	1.7 (12)	2.1 (25)	1.2 (30)	5.0 (28)	D E F G H I	107.6
Dura512	5	1.7 (27)	2.1 (24)	1.2 (25)	5.0 (29)	E F G H I J	107.1
WL357HQ	3	1.6 (33)	2.0 (35)	1.3 (16)	4.9 (30)	E F G H I J	106.1
C316	4	1.6 (30)	2.1 (28)	1.2 (28)	4.9 (31)	E F G H I J	106.0
LegenDairy5.0	3	1.5 (36)	2.1 (32)	1.3 (21)	4.9 (32)	F G H I J	105.0
Plumas	4	1.8 ( 6)	2.0 (34)	1.1 (34)	4.8 (33)	G H I J	103.9
9429	4	1.6 (35)	2.1 (26)	1.1 (33)	4.8 (34)	H I J	102.4
Innovator+Z	3	1.7 (23)	2.1 (27)	1.0 (36)	4.8 (35)	I J	102.0
Vernal	2	1.6 (34)	2.0 (33)	1.0 (35)	4.7 (36)	J	100.0
<b>Experimental Varieties</b>							
SW5307	5	1.7 (24)	2.2 ( 5)	1.6 ( 4)	5.4 ( 2)	A B	115.8
SW4310	4	1.6 (31)	2.2 (10)	1.6 ( 3)	5.4 ( 3)	A B C	115.3
SW6330	6	1.7 (28)	2.1 (23)	1.6 ( 1)	5.3 ( 4)	A B C D	114.7
SW4328	4	1.7 (29)	2.1 (17)	1.5 ( 5)	5.3 ( 8)	A B C D E	112.6
SW5329	5	1.7 (10)	2.2 ( 8)	1.3 (17)	5.2 (11)	A B C D E F	112.3
CW94023	4	1.8 ( 5)	2.1 (29)	1.3 (18)	5.2 (19)	A B C D E F G	110.6
CW05009	5	1.7 (21)	2.1 (31)	1.4 (13)	5.1 (22)	B C D E F G H I	109.1
MEAN		1.7	2.1	1.3	5.1		
CV		7.6	7.9	8	5.4		
LSD (.05)		NS	NS	0.13	0.34		

Trial seeded at 25 lb/acre viable seed at 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.