

TABLE 1. 2007 YIELDS, UC TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/21/04

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

		Cut 1	Cut 2	Cut 3	Cut 4	YEAR		% of	
		4-Jun	10-Jul	9-Aug	18-Sep	TOTAL		VERNAL	
	FD	Dry t/a							
Released Varieties									
WL357HQ	5	2.6 (7)	2.4 (2)	1.7 (2)	1.4 (20)	8.0 (1)	A	110.8	
Blazer XL	3	2.7 (3)	2.3 (4)	1.4 (21)	1.5 (2)	8.0 (2)	A B	109.9	
DS309Hyb	4	2.6 (11)	2.3 (5)	1.5 (5)	1.4 (9)	7.9 (3)	A B C	108.5	
Dura 512	5	2.7 (6)	2.2 (15)	1.5 (8)	1.5 (4)	7.9 (4)	A B C	108.3	
Expedition	5	2.4 (26)	2.4 (1)	1.6 (4)	1.5 (6)	7.8 (5)	A B C D	108.1	
WL319HQ	3	2.9 (1)	2.2 (18)	1.5 (15)	1.3 (34)	7.8 (6)	A B C D E	107.4	
LegenDairy 5.0	3	2.6 (8)	2.2 (9)	1.5 (14)	1.4 (15)	7.7 (7)	A B C D E F	106.4	
Recover	5	2.4 (24)	2.4 (3)	1.6 (3)	1.4 (19)	7.7 (8)	A B C D E F G	106.1	
Alfa Star II	4	2.6 (16)	2.1 (23)	1.7 (1)	1.3 (23)	7.7 (9)	A B C D E F G	106.0	
Boulder (4M125)	5	2.4 (27)	2.2 (13)	1.5 (10)	1.5 (7)	7.6 (10)	A B C D E F G H	104.8	
LM 459 WD	5	2.5 (19)	2.2 (17)	1.4 (30)	1.5 (5)	7.6 (11)	A B C D E F G H	104.7	
Plumas	4	2.6 (12)	2.1 (22)	1.5 (16)	1.4 (16)	7.6 (12)	A B C D E F G H	104.6	
MasterPiece	4	2.4 (25)	2.1 (25)	1.5 (9)	1.5 (1)	7.6 (13)	B C D E F G H	104.4	
Vitro	3	2.7 (5)	2.3 (6)	1.4 (29)	1.2 (36)	7.5 (15)	B C D E F G H I	104.1	
CW5440	4	2.5 (21)	2.2 (11)	1.5 (11)	1.3 (28)	7.5 (16)	B C D E F G H I	103.9	
Rebound 5.0	4	2.6 (18)	2.2 (8)	1.5 (13)	1.3 (33)	7.5 (17)	B C D E F G H I	103.9	
C 316 Lot9078	4	2.6 (10)	2.2 (14)	1.4 (25)	1.3 (31)	7.5 (18)	C D E F G H I	103.4	
Hybriforce-420/Wet	4	2.6 (9)	2.1 (26)	1.4 (17)	1.3 (26)	7.5 (19)	C D E F G H I	103.2	
9429	4	2.8 (2)	1.9 (35)	1.3 (33)	1.4 (21)	7.5 (20)	C D E F G H I	103.0	
54Q25	4	2.6 (15)	2.2 (10)	1.4 (24)	1.3 (35)	7.5 (21)	C D E F G H I	102.8	
Xtra-3	4	2.5 (20)	2.0 (29)	1.4 (18)	1.4 (17)	7.4 (22)	D E F G H I J	101.9	
Mountaineer 2.0 (4M124)	5	2.4 (28)	2.2 (16)	1.4 (22)	1.4 (18)	7.4 (23)	D E F G H I J	101.8	
DS218	6	2.4 (29)	2.1 (20)	1.4 (28)	1.4 (10)	7.4 (25)	E F G H I J K	101.3	
WL325HQ	4	2.6 (14)	2.1 (24)	1.4 (27)	1.3 (32)	7.3 (26)	E F G H I J K	101.3	
SW435(SW4A135)	4	2.2 (33)	2.2 (12)	1.5 (6)	1.4 (13)	7.3 (27)	E F G H I J K	101.2	
Innovator +Z	3	2.7 (4)	2.0 (30)	1.3 (36)	1.3 (29)	7.3 (28)	E F G H I J K	101.1	
Reward II	4	2.6 (17)	2.0 (31)	1.4 (31)	1.4 (22)	7.3 (29)	F G H I J K	100.3	
Vernal	2	2.5 (22)	2.1 (27)	1.4 (32)	1.3 (25)	7.3 (31)	G H I J K	100.0	
Magna601	6	2.2 (32)	2.0 (32)	1.4 (19)	1.3 (30)	6.9 (35)	K L	95.3	
Experimental Varieties									
CW94023	4	2.5 (23)	2.3 (7)	1.5 (12)	1.3 (24)	7.6 (14)	B C D E F G H I	104.2	
CW05009	5	2.6 (13)	2.0 (28)	1.4 (20)	1.3 (27)	7.4 (24)	E F G H I J K	101.6	
SW5329	5	2.4 (30)	2.1 (19)	1.3 (35)	1.4 (11)	7.3 (30)	F G H I J K	100.3	
SW4328	4	2.3 (31)	1.9 (36)	1.5 (7)	1.4 (12)	7.1 (32)	H I J K	98.5	
SW4310	4	2.1 (35)	2.1 (21)	1.4 (26)	1.5 (3)	7.1 (33)	I J K L	97.9	
SW5307	5	2.2 (34)	2.0 (33)	1.4 (23)	1.4 (14)	7.0 (34)	J K L	95.8	
SW6330	6	1.9 (36)	2.0 (34)	1.3 (34)	1.5 (8)	6.7 (36)	L	92.0	
MEAN		2.49	2.15	1.46	1.37	7.47			
CV		7.2	10.2	10.4	10.0	5.8			
LSD (0.1)		0.19	0.23	0.16	0.15	0.46			

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 10% probability level according to Fisher's (protected) LSD.

FD = Fall Dormancy reported by seed companies.