

TABLE 1. 2006 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
	FD	5-Jun	11-Jul	11-Aug	13-Sep	TOTAL		VERNAL
				Dry t/a				%
Released Varieties								
Xtra-3	4	3.1 (5)	2.8 (1)	2.0 (12)	1.5 (8)	9.4 (1)	A	111.2
Rebound 5.0	4	3.0 (12)	2.7 (2)	2.1 (3)	1.5 (11)	9.3 (2)	A B	110.7
WL357HQ	5	3.0 (14)	2.7 (3)	2.1 (5)	1.5 (13)	9.2 (3)	A B C	109.3
Alfa Star II	4	3.0 (8)	2.6 (6)	2.0 (13)	1.5 (14)	9.2 (4)	A B C D	109.1
WL325HQ	4	3.1 (6)	2.6 (16)	2.0 (10)	1.5 (18)	9.2 (5)	A B C D	108.8
C 316 Lot9078	4	3.2 (2)	2.6 (15)	1.9 (21)	1.5 (24)	9.1 (6)	A B C D E	108.7
Vitro	3	3.2 (1)	2.7 (5)	1.8 (31)	1.4 (32)	9.1 (7)	A B C D E F	108.6
MasterPiece	4	3.0 (13)	2.6 (13)	2.1 (4)	1.5 (21)	9.1 (8)	A B C D E F	108.6
DS309Hyb	4	2.9 (17)	2.6 (11)	2.0 (14)	1.6 (1)	9.1 (9)	A B C D E F	108.6
Expedition	5	2.9 (19)	2.7 (4)	2.0 (8)	1.5 (20)	9.1 (10)	A B C D E F G	107.7
WL319HQ	3	3.1 (7)	2.6 (10)	1.9 (19)	1.4 (30)	9.0 (11)	A B C D E F G H	107.4
LegenDairy 5.0	3	3.0 (11)	2.6 (17)	2.0 (11)	1.5 (28)	9.0 (12)	A B C D E F G H I	107.1
54Q25	4	3.2 (3)	2.5 (21)	1.8 (30)	1.4 (33)	9.0 (15)	A B C D E F G H I J	106.6
9429	4	3.1 (4)	2.5 (29)	1.8 (32)	1.5 (25)	8.9 (16)	A B C D E F G H I J K	106.0
Mountaineer 2.0 (4M124)	5	2.9 (23)	2.6 (9)	2.0 (18)	1.5 (23)	8.9 (17)	B C D E F G H I J K	105.9
Boulder (4M125)	5	2.8 (27)	2.6 (14)	2.0 (9)	1.5 (19)	8.9 (18)	B C D E F G H I J K	105.5
Dura 512	5	2.9 (18)	2.6 (8)	1.8 (33)	1.5 (15)	8.9 (19)	C D E F G H I J K	105.3
Recover	5	2.7 (30)	2.6 (7)	2.0 (17)	1.5 (7)	8.9 (20)	C D E F G H I J K	105.2
Reward II	4	3.0 (10)	2.5 (27)	1.9 (26)	1.5 (27)	8.8 (21)	C D E F G H I J K L	105.0
Hybriforce-420/Wet	4	2.9 (24)	2.5 (28)	1.9 (20)	1.5 (10)	8.8 (22)	C D E F G H I J K L M	104.7
CW5440	4	2.8 (25)	2.6 (12)	1.9 (22)	1.4 (34)	8.7 (24)	E F G H I J K L M N	103.5
DS218	6	2.8 (26)	2.6 (19)	1.9 (24)	1.5 (22)	8.7 (25)	F G H I J K L M N	103.5
Blazer XL	3	2.9 (22)	2.5 (25)	1.8 (28)	1.5 (26)	8.7 (26)	G H I J K L M N	103.3
LM 459 WD	5	2.7 (31)	2.5 (24)	1.9 (23)	1.6 (4)	8.7 (27)	G H I J K L M N	102.9
Magna601	6	2.6 (32)	2.5 (23)	1.9 (25)	1.6 (2)	8.6 (29)	H I J K L M N	102.4
Plumas	4	2.9 (16)	2.5 (34)	1.8 (34)	1.4 (31)	8.6 (30)	I J K L M N	102.1
SW435(SW4A135)	4	2.7 (28)	2.5 (30)	1.9 (27)	1.4 (29)	8.5 (32)	K L M N	101.4
Vernal	2	2.9 (21)	2.5 (22)	1.7 (36)	1.3 (35)	8.4 (33)	L M N O	100.0
Innovator +Z	3	3.0 (9)	2.3 (35)	1.7 (35)	1.3 (36)	8.4 (35)	N O	99.3
Experimental Varieties								
CW94023	4	2.9 (15)	2.6 (18)	2.0 (16)	1.5 (12)	9.0 (13)	A B C D E F G H I J	106.7
CW05009	5	2.9 (20)	2.5 (32)	2.1 (2)	1.5 (16)	9.0 (14)	A B C D E F G H I J	106.6
SW5307	5	2.6 (33)	2.5 (20)	2.0 (7)	1.6 (5)	8.8 (23)	D E F G H I J K L M N	104.0
SW4328	4	2.6 (34)	2.5 (26)	2.1 (6)	1.5 (9)	8.7 (28)	G H I J K L M N	102.9
SW5329	5	2.7 (29)	2.5 (31)	1.8 (29)	1.5 (17)	8.5 (31)	J K L M N	101.6
SW4310	4	2.4 (35)	2.5 (33)	2.0 (15)	1.6 (3)	8.4 (34)	M N O	99.7
SW6330	6	2.1 (36)	2.3 (36)	2.1 (1)	1.6 (6)	8.0 (36)	O	95.4
MEAN		2.87	2.56	1.94	1.49	8.85		
CV		6.4	6.0	10.1	6.6	4.6		
LSD (0.1)		0.20	0.16	0.21	0.11	0.44		

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.