

TABLE 1. 2005 YIELDS, UC TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/2/04

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
		6/15/05	7/19/05	8/19/05	9/20/05	TOTAL		VERNAL
	FD	Dry t/a						%
<b>Released Varieties</b>								
Xtra-3	4	3.7 ( 1)	2.4 (13)	2.0 ( 2)	1.1 (20)	9.2 ( 1)	A	115.4
Expedition	5	3.3 (16)	2.5 ( 3)	2.1 ( 1)	1.2 ( 5)	9.1 ( 2)	A B	113.8
C316	4	3.5 ( 7)	2.4 ( 6)	1.9 (22)	1.1 (11)	9.0 ( 4)	A B C	112.2
WL357HQ	3	3.2 (25)	2.6 ( 1)	2.0 (10)	1.2 ( 8)	8.9 ( 5)	A B C D	112.0
WL325HQ	3	3.6 ( 2)	2.3 (19)	2.0 ( 5)	1.0 (25)	8.9 ( 6)	A B C D E	111.9
WL319HQ	3	3.5 ( 5)	2.5 ( 2)	2.0 (14)	1.0 (28)	8.9 ( 7)	A B C D E	111.6
Rebound5.0	4	3.5 ( 4)	2.4 (17)	2.0 (16)	1.1 (15)	8.9 ( 8)	A B C D E	111.6
AlfaStarII	4	3.4 (10)	2.4 (12)	2.0 ( 3)	1.1 (17)	8.9 ( 9)	A B C D E	111.5
Boulder(4M125)	5	3.3 (15)	2.4 (11)	2.0 (12)	1.2 ( 7)	8.9 (10)	A B C D E F	111.1
LegenDairy5.0	3	3.5 ( 6)	2.4 (14)	1.9 (20)	1.1 (22)	8.8 (11)	A B C D E F	110.8
Recover	5	3.2 (26)	2.5 ( 4)	2.0 ( 7)	1.1 (10)	8.8 (12)	A B C D E F G	110.5
Mountaineer2.0	5	3.3 (20)	2.4 ( 9)	2.0 ( 4)	1.1 (12)	8.8 (14)	A B C D E F G H	110.2
DS309Hyb	4	3.2 (27)	2.5 ( 5)	2.0 (13)	1.1 (14)	8.7 (15)	A B C D E F G H I	109.6
MasterPiece	4	3.2 (23)	2.3 (28)	2.0 ( 8)	1.2 ( 2)	8.7 (16)	A B C D E F G H I	109.5
Vitro	3	3.4 (13)	2.3 (27)	2.0 ( 6)	0.9 (30)	8.6 (17)	B C D E F G H I J	108.0
HybriForce-420Wet	4	3.2 (24)	2.4 (18)	2.0 (18)	1.1 (21)	8.6 (18)	B C D E F G H I J K	107.7
Dura512	5	3.4 ( 9)	2.3 (25)	1.9 (26)	0.9 (31)	8.6 (19)	B C D E F G H I J K	107.6
SW435(SW4A135)	4	3.3 (19)	2.4 ( 8)	1.9 (23)	1.0 (27)	8.6 (20)	B C D E F G H I J K L	107.3
54Q25	4	3.2 (30)	2.4 ( 7)	1.9 (25)	1.0 (23)	8.5 (21)	C D E F G H I J K L M	106.9
HybriForce-600(DS218)	6	3.3 (17)	2.2 (34)	1.9 (27)	1.1 (18)	8.5 (22)	C D E F G H I J K L M N	106.1
LM459WD	5	3.0 (31)	2.4 (10)	2.0 ( 9)	1.1 (19)	8.4 (24)	E F G H I J K L M N	105.4
CW5440	4	3.4 (14)	2.3 (29)	1.8 (33)	0.9 (29)	8.4 (25)	E F G H I J K L M N	105.4
Magna601	6	2.9 (32)	2.3 (30)	2.0 (17)	1.2 ( 4)	8.3 (26)	F G H I J K L M N	104.7
RewardII	4	3.2 (28)	2.3 (26)	2.0 (11)	0.9 (33)	8.3 (27)	G H I J K L M N	104.1
BlazerXL	3	3.3 (22)	2.3 (21)	1.9 (21)	0.8 (34)	8.3 (28)	G H I J K L M N	104.0
Innovator+Z	3	3.5 ( 8)	2.3 (20)	1.8 (36)	0.7 (35)	8.3 (29)	H I J K L M N	103.8
9429	4	3.4 (12)	2.0 (36)	1.8 (32)	1.0 (26)	8.2 (30)	I J K L M N O	103.2
Plumas	4	3.3 (21)	2.1 (35)	1.8 (34)	0.9 (32)	8.1 (33)	L M N O	100.9
Vernal	2	3.3 (18)	2.2 (33)	1.8 (35)	0.7 (36)	8.0 (35)	N O	100.0
<b>Experimental Varieties</b>								
CW94023	4	3.6 ( 3)	2.4 (15)	1.9 (19)	1.1 (13)	9.0 ( 3)	A B C	112.7
CW05009	5	3.4 (11)	2.4 (16)	1.9 (29)	1.1 ( 9)	8.8 (13)	A B C D E F G H	110.4
SW4329	4	3.2 (29)	2.3 (24)	1.9 (24)	1.0 (24)	8.4 (23)	D E F G H I J K L M N	105.5
SW5307	5	2.9 (33)	2.3 (23)	1.8 (31)	1.2 ( 6)	8.2 (31)	J K L M N O	102.8
SW5310	5	2.7 (35)	2.3 (22)	1.9 (30)	1.2 ( 1)	8.1 (32)	K L M N O	101.3
SW4328	4	2.7 (34)	2.3 (31)	2.0 (15)	1.1 (16)	8.0 (34)	M N O	100.4
SW6330	6	2.4 (36)	2.2 (32)	1.9 (28)	1.2 ( 3)	7.7 (36)	O	96.9
MEAN		3.25	2.34	1.93	1.04	8.56		
CV		8.4	7.6	7.5	12.6	4.9		
LSD (.05)		0.34	0.22	NS	0.16	0.53		

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.

FD = Fall Dormancy reported by seed companies.