

Table 2. 2004-2006 YIELDS. UC TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/21/04

		2004	2005	2006				% of
		Yield	Yield	Yield	Average			Vernal
	FD	Dry t/a						%
Released Varieties								
Xtra-3	4	5.1 (23)	9.2 (1)	9.4 (1)	7.9 (1)	A		112.2
Rebound 5.0	4	5.2 (16)	8.9 (7)	9.3 (2)	7.8 (2)	A B		111.3
Expedition	5	5.3 (6)	9.1 (2)	9.1 (10)	7.8 (3)	A B		111.3
WL325HQ	4	5.3 (7)	9.0 (5)	9.2 (5)	7.8 (4)	A B C		111.0
Alfa Star II	4	5.2 (18)	8.9 (8)	9.2 (4)	7.8 (5)	A B C		110.5
Mountaineer 2.0 (4M124)	5	5.4 (1)	8.8 (13)	8.9 (17)	7.7 (6)	A B C D		110.0
DS309Hyb	4	5.2 (10)	8.8 (16)	9.1 (9)	7.7 (8)	A B C D E		109.8
MasterPiece	4	5.2 (12)	8.8 (15)	9.1 (8)	7.7 (9)	A B C D E		109.8
WL357HQ	5	4.9 (30)	8.9 (6)	9.2 (3)	7.7 (10)	A B C D E F		109.6
C 316 Lot9078	4	4.9 (31)	9.0 (4)	9.1 (6)	7.7 (11)	A B C D E F		109.4
Vitro	3	5.2 (13)	8.7 (17)	9.1 (7)	7.7 (12)	A B C D E F G		109.2
WL319HQ	3	5.1 (25)	8.9 (9)	9.0 (11)	7.7 (13)	A B C D E F G		109.2
Recover	5	5.2 (9)	8.8 (12)	8.9 (20)	7.6 (14)	A B C D E F G H		108.8
Boulder (4M125)	5	5.0 (27)	8.9 (10)	8.9 (18)	7.6 (16)	B C D E F G H I		108.1
LegenDairy 5.0	3	4.9 (32)	8.9 (11)	9.0 (12)	7.6 (17)	B C D E F G H I J		108.0
Hybriforce-420/Wet	4	5.2 (15)	8.6 (18)	8.8 (22)	7.6 (18)	B C D E F G H I J K		107.5
54Q25	4	5.1 (21)	8.5 (21)	9.0 (15)	7.5 (19)	C D E F G H I J K		107.3
Dura 512	5	5.0 (29)	8.6 (19)	8.9 (19)	7.5 (20)	D E F G H I J K		106.6
DS218	6	5.2 (14)	8.5 (22)	8.7 (25)	7.5 (21)	D E F G H I J K		106.4
Magna601	6	5.3 (5)	8.4 (26)	8.6 (29)	7.4 (23)	E F G H I J K		106.0
SW435(SW4A135)	4	5.2 (17)	8.6 (20)	8.5 (32)	7.4 (24)	F G H I J K L		105.9
LM 459 WD	5	5.1 (20)	8.4 (24)	8.7 (27)	7.4 (25)	G H I J K L		105.5
Reward II	4	5.0 (26)	8.3 (27)	8.8 (21)	7.4 (27)	G H I J K L M		105.4
CW5440	4	5.1 (24)	8.4 (25)	8.7 (24)	7.4 (28)	H I J K L M		105.3
Blazer XL	3	5.0 (28)	8.3 (28)	8.7 (26)	7.3 (29)	I J K L M		104.5
9429	4	4.8 (34)	8.3 (30)	8.9 (16)	7.3 (30)	I J K L M		104.2
Plumas	4	4.8 (33)	8.1 (33)	8.6 (30)	7.2 (33)	L M N		102.1
Innovator +Z	3	4.8 (35)	8.3 (29)	8.4 (35)	7.1 (34)	M N		101.6
Vernal	2	4.7 (36)	8.0 (35)	8.4 (33)	7.0 (36)	N		100.0
Experimental Varieties								
CW94023	4	5.2 (19)	9.0 (3)	9.0 (13)	7.7 (7)	A B C D E		109.8
CW05009	5	5.1 (22)	8.8 (14)	9.0 (14)	7.6 (15)	A B C D E F G H		108.5
SW5307	5	5.4 (2)	8.2 (31)	8.8 (23)	7.5 (22)	E F G H I J K		106.1
SW5329	5	5.2 (11)	8.4 (23)	8.5 (31)	7.4 (26)	G H I J K L M		105.4
SW4328	4	5.2 (8)	8.0 (34)	8.7 (28)	7.3 (31)	J K L M		104.2
SW4310	4	5.4 (3)	8.1 (32)	8.4 (34)	7.3 (32)	K L M N		103.7
SW6330	6	5.3 (4)	7.8 (36)	8.0 (36)	7.0 (35)	N		100.2
MEAN		5.12	8.59	8.85	7.52			
CV		5.4	4.9	4.6	3.4			
LSD (0.1)		0.29	0.45	0.44	0.27			

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.