

Table 4. 2004-2009 YIELDS. UC TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/21/04

		2004	2005	2006	2007	2008	2009	Average		% of
	FD	Yield	Yield	Yield	Yield	Yield	Yield			Vernal
		Dry t/a								
Released Varieties										
Alfa Star II	4	5.2 (18)	8.9 (8)	9.2 (4)	7.7 (9)	7.8 (1)	8.0 (8)	7.8 (1)	A	108.6
Rebound 5.0	4	5.2 (16)	8.9 (7)	9.3 (2)	7.5 (17)	7.7 (5)	8.0 (9)	7.8 (2)	AB	108.3
Xtra-3	4	5.1 (23)	9.2 (1)	9.4 (1)	7.4 (22)	7.8 (2)	7.8 (13)	7.8 (3)	AB	108.2
DS309Hyb	4	5.2 (10)	8.8 (16)	9.1 (9)	7.9 (3)	7.8 (3)	7.8 (16)	7.8 (4)	AB	107.9
WL357HQ	5	4.9 (30)	8.9 (6)	9.2 (3)	8.0 (1)	7.6 (10)	7.7 (23)	7.7 (5)	ABC	107.5
Dura 512	5	5.0 (29)	8.6 (19)	8.9 (19)	7.9 (4)	7.7 (4)	8.1 (1)	7.7 (7)	ABCD	107.1
MasterPiece	4	5.2 (12)	8.8 (15)	9.1 (8)	7.6 (13)	7.6 (8)	7.9 (11)	7.7 (8)	ABCD	107.0
Expedition	5	5.3 (6)	9.1 (2)	9.1 (10)	7.8 (5)	7.1 (31)	7.7 (24)	7.7 (9)	ABCDE	106.7
Recover	5	5.2 (9)	8.8 (12)	8.9 (20)	7.7 (8)	7.6 (7)	7.7 (27)	7.7 (10)	ABCDEF	106.4
WL325HQ	4	5.3 (7)	9.0 (5)	9.2 (5)	7.3 (26)	7.5 (12)	7.7 (22)	7.7 (11)	ABCDEF	106.4
Vitro	3	5.2 (13)	8.7 (17)	9.1 (7)	7.5 (15)	7.4 (17)	7.8 (12)	7.6 (12)	ABCDEF	106.2
Mountaineer 2.0 (4M124)	5	5.4 (1)	8.8 (13)	8.9 (17)	7.4 (23)	7.5 (13)	7.8 (15)	7.6 (13)	ABCDEF	106.2
LegenDairy 5.0	3	4.9 (32)	8.9 (11)	9.0 (12)	7.7 (7)	7.5 (11)	7.7 (18)	7.6 (14)	ABCDEFGH	106.0
WL319HQ	3	5.1 (25)	8.9 (9)	9.0 (11)	7.8 (6)	7.2 (26)	7.6 (28)	7.6 (15)	ABCDEFGH	105.7
54Q25	4	5.1 (21)	8.5 (21)	9.0 (15)	7.5 (21)	7.4 (14)	8.0 (3)	7.6 (16)	ABCDEF	105.7
C 316 Lot9078	4	4.9 (31)	9.0 (4)	9.1 (6)	7.5 (18)	7.2 (23)	7.7 (21)	7.6 (17)	ABCDEFGHI	105.5
Hybriforce-420/Wet	4	5.2 (15)	8.6 (18)	8.8 (22)	7.5 (19)	7.3 (20)	8.0 (4)	7.6 (18)	ABCDEFGHI	105.5
Blazer XL	3	5.0 (28)	8.3 (28)	8.7 (26)	8.0 (2)	7.4 (15)	8.0 (6)	7.6 (19)	ABCDEFGHI	105.4
Boulder (4M125)	5	5.0 (27)	8.9 (10)	8.9 (18)	7.6 (10)	7.4 (16)	7.5 (30)	7.6 (20)	BCDEFGHIJ	105.1
9429	4	4.8 (34)	8.3 (30)	8.9 (16)	7.5 (20)	7.6 (9)	8.0 (5)	7.5 (21)	CDEFGHIJK	104.4
SW435(SW4A135)	4	5.2 (17)	8.6 (20)	8.5 (32)	7.3 (27)	7.4 (18)	7.7 (20)	7.5 (23)	EFGHIJK	103.7
LM 459 WD	5	5.1 (20)	8.4 (24)	8.7 (27)	7.6 (11)	7.1 (28)	7.7 (25)	7.4 (24)	FGHIJK	103.5
CW5440	4	5.1 (24)	8.4 (25)	8.7 (24)	7.5 (16)	7.2 (24)	7.7 (26)	7.4 (25)	FGHIJK	103.4
Reward II	4	5.0 (26)	8.3 (27)	8.8 (21)	7.3 (29)	7.2 (25)	7.8 (14)	7.4 (26)	GHIJKL	103.1
DS218	6	5.2 (14)	8.5 (22)	8.7 (25)	7.4 (25)	6.9 (34)	7.7 (19)	7.4 (27)	HIJKLM	102.9
Plumas	4	4.8 (33)	8.1 (33)	8.6 (30)	7.6 (12)	7.3 (21)	7.8 (17)	7.4 (28)	IJKLM	102.4
Magna601	6	5.3 (5)	8.4 (26)	8.6 (29)	6.9 (35)	7.3 (22)	7.3 (34)	7.3 (32)	KLM	101.7
Innovator +Z	3	4.8 (35)	8.3 (29)	8.4 (35)	7.3 (28)	7.0 (32)	8.0 (2)	7.3 (33)	KLM	101.6
Vernal	2	4.7 (36)	8.0 (35)	8.4 (33)	7.3 (31)	6.9 (35)	7.9 (10)	7.2 (34)	LM	100.0
Experimental Varieties										
CW94023	4	5.2 (19)	9.0 (3)	9.0 (13)	7.6 (14)	7.6 (6)	8.0 (7)	7.7 (6)	ABC	107.4
CW05009	5	5.1 (22)	8.8 (14)	9.0 (14)	7.4 (24)	7.1 (27)	7.5 (32)	7.5 (22)	DEFGHIJK	104.0
SW5307	5	5.4 (2)	8.2 (31)	8.8 (23)	7.0 (34)	7.1 (29)	7.6 (29)	7.3 (29)	JKLM	102.0
SW5329	5	5.2 (11)	8.4 (23)	8.5 (31)	7.3 (30)	7.0 (33)	7.5 (31)	7.3 (30)	JKLM	101.9
SW4328	4	5.2 (8)	8.0 (34)	8.7 (28)	7.1 (32)	7.4 (19)	7.4 (33)	7.3 (31)	JKLM	101.8
SW4310	4	5.4 (3)	8.1 (32)	8.4 (34)	7.1 (33)	7.1 (30)	7.0 (35)	7.2 (35)	M	99.8
SW6330	6	5.3 (4)	7.8 (36)	8.0 (36)	6.7 (36)	6.6 (36)	6.7 (36)	6.8 (36)		95.3
MEAN		5.12	8.59	8.85	7.47	7.35	7.72	7.52		
CV		5.4	4.9	4.6	5.8	6.3	4.7	2.9		
LSD (0.1)		0.29	0.45	0.44	0.46	0.49	0.39	0.23		

Trial seeded at 25 lb/acre viable seed at 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.