

2012 YIELDS, TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 7/27/07

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
		12-Jun	12-Jul	13-Aug	19-Sep	TOTAL		VERNA
	FD	Dry t/a						%
Released Varieties								
PGI 459	4	2.8 (1)	2.3 (1)	2.3 (1)	1.6 (5)	9.0 (1)	A	127.8
Archer III	5	2.8 (6)	2.2 (4)	2.1 (2)	1.6 (8)	8.7 (2)	AB	123.4
DKA50-18	5	2.7 (10)	2.2 (2)	2.1 (3)	1.6 (6)	8.6 (3)	ABC	122.6
AmeriStand407TQ	4	2.7 (13)	2.2 (3)	2.0 (11)	1.5 (19)	8.4 (4)	BCD	119.6
WL 357HQ	5	2.7 (8)	2.1 (7)	2.0 (28)	1.6 (14)	8.4 (5)	BCDE	118.8
MilkMaker ML	5	2.5 (29)	2.1 (10)	2.0 (12)	1.7 (4)	8.4 (6)	BCDEF	118.7
Legendairy	3	2.8 (3)	2.0 (28)	2.0 (18)	1.5 (18)	8.4 (7)	BCDEF	118.6
Integra 8400	4	2.8 (2)	2.1 (23)	2.0 (21)	1.5 (31)	8.3 (8)	BCDEF	118.4
CW 500	5	2.5 (35)	2.1 (6)	2.1 (7)	1.6 (11)	8.3 (9)	CDEFG	117.4
GrandStand	4	2.8 (4)	2.1 (13)	2.0 (30)	1.4 (38)	8.3 (10)	CDEFGH	117.2
Genoa	4	2.6 (14)	2.1 (12)	1.9 (31)	1.5 (17)	8.2 (12)	CDEFGHI	116.8
Rebound 5	4	2.8 (5)	2.1 (9)	2.0 (27)	1.4 (49)	8.2 (13)	CDEFGHIJ	116.8
Integra 8300	3	2.5 (33)	2.1 (8)	2.0 (20)	1.6 (15)	8.2 (16)	DEFGHIJKLM	115.9
FSG 505	5	2.7 (9)	2.0 (33)	1.9 (37)	1.5 (22)	8.2 (18)	DEFGHIJKLM	115.8
Xtra-3	4	2.6 (16)	2.1 (19)	1.9 (36)	1.5 (27)	8.1 (20)	DEFGHIJKLMN	115.1
Prosementi	ND	2.3 (53)	2.1 (11)	2.0 (10)	1.7 (2)	8.1 (21)	DEFGHIJKLMN	114.9
AmeriStand444NT	4	2.5 (31)	2.0 (32)	2.0 (22)	1.5 (21)	8.1 (24)	DEFGHIJKLMNO	114.3
WL 343HQ	4	2.6 (19)	2.0 (43)	1.9 (32)	1.5 (24)	8.0 (26)	DEFGHIJKLMNOP	113.9
PGI 424	4	2.6 (25)	2.0 (39)	1.9 (42)	1.4 (37)	7.9 (33)	GHIJKLMNOPQRS	112.1
FSG 528SF	5	2.5 (34)	2.1 (17)	1.9 (45)	1.4 (39)	7.9 (35)	GHIJKLMNOPQRS	111.8
Dura 512	5	2.6 (23)	2.0 (40)	1.9 (35)	1.4 (50)	7.9 (38)	HIJKLMNOPQRS	111.4
Mountaineer 2	5	2.5 (39)	2.0 (36)	1.8 (47)	1.5 (23)	7.8 (39)	IJKLMNOPQRS	111.1
WL 325 HQ	4	2.5 (28)	2.0 (42)	1.9 (41)	1.4 (47)	7.8 (40)	JJKLMNOPQRS	110.9
FSG 408DP	4	2.7 (11)	1.9 (52)	1.9 (43)	1.3 (52)	7.8 (42)	KLMNOPQRS	110.8
MasterPiece	4	2.3 (48)	2.0 (27)	2.0 (25)	1.4 (36)	7.8 (43)	LMNOPQRS	110.7
Magnum VI	4	2.5 (27)	2.0 (37)	1.8 (51)	1.4 (45)	7.8 (45)	MNOPQRS	110.1
Everlast II	4	2.4 (41)	1.9 (53)	1.8 (52)	1.4 (41)	7.6 (51)	QRS	107.4
Whitney	4	2.4 (46)	1.9 (48)	1.8 (48)	1.4 (43)	7.5 (53)	ST	106.9
54V09	4	2.6 (21)	1.9 (49)	1.8 (50)	1.2 (55)	7.5 (54)	ST	106.7
Vernal	2	2.4 (44)	1.9 (56)	1.6 (56)	1.1 (56)	7.0 (56)	U	100.0
Experimental Varieties								
R46Bx777	ND	2.8 (7)	2.0 (35)	1.9 (34)	1.5 (20)	8.2 (11)	CDEFGHI	117.0
R46Bx163	4	2.7 (12)	2.0 (31)	2.0 (13)	1.5 (32)	8.2 (14)	DEFGHIJK	116.6
R56Bx214	4	2.3 (50)	2.1 (20)	2.1 (5)	1.7 (1)	8.2 (15)	DEFGHIJKL	116.1
R46Bx165	8.5	2.6 (24)	2.1 (5)	2.0 (14)	1.4 (34)	8.2 (17)	DEFGHIJKLM	115.9
R46Bx173	5	2.5 (30)	2.1 (24)	2.1 (9)	1.5 (29)	8.2 (19)	DEFGHIJKLM	115.7
R46Bx164	6	2.5 (37)	2.1 (25)	2.0 (15)	1.5 (16)	8.1 (22)	DEFGHIJKLMN	114.9
R56Bx212	6	2.4 (45)	2.1 (15)	2.0 (17)	1.6 (12)	8.1 (23)	DEFGHIJKLMNO	114.5
R56BD190	ND	2.5 (32)	2.0 (30)	2.0 (19)	1.5 (26)	8.1 (25)	DEFGHIJKLMNO	114.2
R46BD201	ND	2.3 (52)	2.1 (14)	2.1 (8)	1.6 (13)	8.0 (27)	EFGHIJKLMNOP	113.5
R46Bx162	8	2.5 (38)	2.0 (26)	2.0 (26)	1.5 (30)	8.0 (28)	EFGHIJKLMNOP	113.4
R46Bx197	8	2.6 (18)	2.0 (38)	2.0 (29)	1.4 (40)	8.0 (29)	EFGHIJKLMNOP	113.3
TS 4028	4	2.6 (26)	2.1 (16)	1.9 (40)	1.4 (46)	8.0 (30)	FGHIJKLMNOPQ	112.9
R56BD188	ND	2.5 (40)	2.0 (34)	2.0 (24)	1.5 (25)	8.0 (31)	FGHIJKLMNOPQR	112.8
R46Bx161	6	2.6 (22)	2.0 (29)	1.9 (44)	1.4 (44)	7.9 (32)	GHIJKLMNOPQRS	112.1
R46Bx167	4	2.4 (42)	2.1 (22)	2.0 (23)	1.4 (48)	7.9 (34)	GHIJKLMNOPQRS	111.8
R46BD203	ND	2.3 (51)	2.0 (47)	2.0 (16)	1.6 (9)	7.9 (36)	GHIJKLMNOPQRS	111.8
R46Bx211	4.1	2.2 (54)	2.0 (41)	2.1 (6)	1.6 (10)	7.9 (37)	HIJKLMNOPQRS	111.5
R46Bx218	6	2.3 (49)	2.1 (18)	1.9 (38)	1.5 (28)	7.8 (41)	JJKLMNOPQRS	110.9
R46Bx160	5	2.4 (43)	2.1 (21)	1.8 (49)	1.4 (35)	7.8 (44)	LMNOPQRS	110.5
R46Bx217	8	2.0 (55)	2.0 (46)	2.1 (4)	1.7 (3)	7.7 (46)	NOPQRS	109.4
R46Bx778	ND	2.6 (17)	1.9 (50)	1.7 (54)	1.4 (42)	7.7 (47)	NOPQRS	109.3
R56BD191	ND	2.5 (36)	2.0 (44)	1.9 (39)	1.3 (53)	7.7 (48)	OPQRS	108.8
R56BD202	ND	2.4 (47)	1.9 (55)	1.9 (33)	1.5 (33)	7.6 (49)	PQRS	108.3
R46Bx776	ND	2.6 (15)	2.0 (45)	1.7 (53)	1.3 (54)	7.6 (50)	PQRS	108.1
R46Bx775	ND	2.6 (20)	1.9 (51)	1.7 (55)	1.3 (51)	7.5 (52)	RST	107.0
R66BD108	ND	1.7 (56)	1.9 (54)	1.9 (46)	1.6 (7)	7.1 (55)	TU	101.4
MEAN		2.53	2.04	1.94	1.49	7.99		
CV		7.6	6.7	6.8	8.7	4.9		
LSD (0.1)		0.20	0.15	0.14	0.14	0.42		

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.