

TABLE 1. 2010 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	
	FD	22-Jun	16-Jul	17-Aug	15-Oct	TOTAL		VERNA	
		Dry t/a							%
Released Varieties									
PGI 459	4	2.8 (2)	2.0 (2)	2.0 (1)	1.0 (20)	7.8 (1)	A		140.4
DKA50-18	5	2.7 (8)	1.9 (7)	1.9 (2)	1.1 (4)	7.6 (2)	AB		136.4
Archer III	5	2.6 (25)	2.0 (1)	1.8 (9)	1.1 (8)	7.5 (3)	ABC		135.2
Integra 8400	4	2.8 (1)	1.8 (27)	1.7 (14)	1.1 (6)	7.5 (4)	BCD		134.5
Genoa	4	2.7 (5)	1.8 (20)	1.7 (18)	1.1 (16)	7.3 (5)	BCDE		131.2
GrandStand	4	2.8 (4)	1.8 (29)	1.7 (20)	1.0 (24)	7.3 (6)	BCDEF		131.0
FSG 505	5	2.7 (6)	1.8 (21)	1.7 (16)	1.0 (21)	7.2 (7)	CDEFG		130.5
WL 357HQ	5	2.7 (7)	1.8 (17)	1.7 (29)	1.1 (14)	7.2 (8)	CDEFG		130.3
Integra 8300	3	2.6 (16)	1.8 (8)	1.8 (10)	1.0 (32)	7.2 (9)	CDEFGH		130.2
Legendairy	3	2.6 (20)	1.7 (36)	1.8 (3)	1.1 (17)	7.2 (11)	CDEFGH		130.0
AmeriStand407TQ	4	2.7 (11)	1.8 (18)	1.7 (11)	1.0 (26)	7.2 (12)	CDEFGH		129.9
Rebound 5	4	2.8 (3)	1.8 (23)	1.6 (42)	1.0 (25)	7.2 (13)	DEFGHI		129.1
AmeriStand444NT	4	2.6 (24)	1.7 (35)	1.7 (15)	1.1 (9)	7.2 (14)	DEFGHI		129.0
PGI 424	4	2.6 (17)	1.7 (37)	1.6 (37)	1.0 (27)	7.0 (24)	EFGHIJKL		125.9
WL 343HQ	4	2.5 (32)	1.8 (12)	1.6 (36)	1.0 (34)	6.9 (29)	FGHIJKLMN		125.2
MilkMaker ML	5	2.2 (52)	1.8 (31)	1.8 (8)	1.2 (3)	6.9 (31)	GHIJKLMNO		124.8
FSG 528SF	5	2.4 (45)	1.7 (32)	1.7 (31)	1.1 (12)	6.9 (35)	IJKLMN OP		123.8
CW 500	5	2.4 (44)	1.7 (44)	1.7 (30)	1.1 (10)	6.8 (38)	IJKLMN OP		123.3
FSG 408DP	4	2.6 (14)	1.7 (42)	1.6 (51)	0.9 (46)	6.8 (40)	JKLMN OPQ		122.3
Xtra-3	4	2.5 (37)	1.5 (53)	1.7 (21)	1.0 (18)	6.8 (41)	JKLMN OPQ		122.1
WL 325 HQ	4	2.6 (27)	1.7 (41)	1.5 (52)	1.0 (41)	6.8 (42)	KLMN OPQ		121.8
Everlast II	4	2.6 (21)	1.7 (43)	1.5 (54)	1.0 (39)	6.8 (43)	KLMN OPQ		121.7
Magnum VI	4	2.6 (31)	1.7 (39)	1.6 (48)	0.9 (48)	6.8 (44)	KLMN OPQ		121.7
MasterPiece	4	2.4 (41)	1.7 (45)	1.6 (43)	1.0 (19)	6.7 (45)	KLMN OPQ		121.1
54V09	4	2.5 (40)	1.8 (22)	1.6 (46)	0.9 (55)	6.7 (46)	LMN OPQ		120.3
Dura 512	5	2.5 (39)	1.6 (49)	1.5 (53)	1.0 (33)	6.6 (48)	N OPQ		119.4
Mountaineer 2	5	2.3 (46)	1.6 (51)	1.6 (34)	1.0 (35)	6.6 (51)	PQRS		118.2
Whitney	4	2.3 (49)	1.5 (54)	1.6 (45)	0.9 (52)	6.3 (53)	RS		113.5
Prosementi	ND	2.1 (54)	1.6 (48)	1.6 (50)	1.0 (31)	6.3 (54)	S		112.8
Vernal	2	2.3 (50)	1.2 (56)	1.4 (56)	0.7 (56)	5.6 (56)	U		100.0
Experimental Varieties									
R56BD188	ND	2.6 (12)	1.8 (14)	1.8 (5)	1.0 (38)	7.2 (10)	CDEFGH		130.0
R56BD190	ND	2.6 (29)	1.9 (5)	1.7 (22)	1.0 (28)	7.2 (15)	DEFGHI		129.0
R46Bx197	8	2.6 (18)	1.8 (9)	1.8 (6)	0.9 (50)	7.2 (16)	DEFGHI		128.8
R56BD191	ND	2.6 (23)	1.9 (6)	1.7 (25)	1.0 (36)	7.1 (17)	EFGHI		128.3
R46Bx777	ND	2.6 (13)	1.7 (38)	1.7 (17)	1.0 (22)	7.1 (18)	EFGHI		128.2
R56Bx214	4	2.3 (48)	1.9 (3)	1.8 (7)	1.1 (7)	7.1 (19)	EFGHI		128.2
R46Bx160	5	2.6 (15)	1.8 (28)	1.7 (19)	1.0 (40)	7.1 (20)	EFGHIJ		127.7
R46Bx775	ND	2.7 (9)	1.7 (40)	1.7 (28)	1.0 (30)	7.0 (21)	EFGHIJK		126.9
R46BD201	ND	2.4 (43)	1.9 (4)	1.6 (39)	1.1 (13)	7.0 (22)	EFGHIJK		126.6
R46Bx164	6	2.5 (35)	1.8 (30)	1.7 (12)	1.0 (29)	7.0 (23)	EFGHIJK		126.3
R46Bx211	4.1	2.2 (53)	1.7 (34)	1.8 (4)	1.2 (1)	7.0 (25)	EFGHIJKLM		125.7
TS 4028	4	2.6 (19)	1.6 (46)	1.7 (27)	1.0 (23)	7.0 (26)	EFGHIJKLM		125.6
R46Bx167	4	2.6 (28)	1.8 (11)	1.6 (38)	1.0 (42)	7.0 (27)	EFGHIJKLM		125.5
R46Bx162	8	2.6 (26)	1.8 (13)	1.7 (26)	0.9 (54)	7.0 (28)	EFGHIJKLM		125.4
R46Bx163	4	2.6 (22)	1.8 (15)	1.6 (40)	0.9 (47)	6.9 (30)	GHIJKLMN		125.1
R46Bx165	8.5	2.5 (38)	1.7 (33)	1.7 (13)	0.9 (43)	6.9 (32)	GHIJKLMNO		124.7
R46BD203	ND	2.4 (42)	1.8 (24)	1.6 (35)	1.1 (15)	6.9 (33)	H IJKLMNO		124.3
R46Bx161	6	2.6 (30)	1.8 (19)	1.6 (32)	0.9 (49)	6.9 (34)	H IJKLMNO		124.3
R46Bx173	5	2.7 (10)	1.8 (25)	1.5 (55)	0.9 (45)	6.9 (36)	IJKLMN OP		123.7
R56Bx212	6	2.3 (47)	1.8 (16)	1.6 (33)	1.1 (11)	6.8 (37)	IJKLMN OP		123.4
R46Bx218	6	2.5 (36)	1.8 (10)	1.6 (47)	0.9 (44)	6.8 (39)	IJKLMN OP		123.3
R46Bx217	8	2.0 (55)	1.8 (26)	1.7 (23)	1.1 (5)	6.6 (47)	MN OPQ		119.8
R46Bx776	ND	2.5 (33)	1.6 (50)	1.6 (44)	0.9 (51)	6.6 (49)	OPQR		119.2
R46Bx778	ND	2.5 (34)	1.6 (52)	1.6 (49)	1.0 (37)	6.6 (50)	OPQR		119.1
R56BD202	ND	2.3 (51)	1.6 (47)	1.7 (24)	0.9 (53)	6.5 (52)	QRS		117.2
R66BD108	ND	1.7 (56)	1.5 (55)	1.6 (41)	1.2 (2)	5.9 (55)	T		106.7
MEAN		2.51	1.74	1.67	1.00	6.93			
CV		6.9	7.4	7.0	9.7	4.5			
LSD (0.1)		0.18	0.14	0.12	0.10	0.33			

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.