

2012 YIELDS, TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 8/17/10

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	13-Jul	14-Aug	19-Sep	TOTAL		VERNA
	FD			Dry t/a				%
Integra 8400	4	3.1 (2)	2.5 (2)	1.8 (21)	1.5 (20)	8.9 (1)	A	114.3
Archer III	5	2.8 (6)	2.5 (3)	1.9 (10)	1.6 (12)	8.9 (2)	AB	113.7
Lightening IV	4	2.7 (15)	2.4 (7)	2.1 (1)	1.6 (13)	8.8 (3)	ABC	113.3
R57M130 FG	5	2.7 (17)	2.5 (5)	2.0 (3)	1.7 (6)	8.8 (4)	ABC	112.8
Syngenta 6422Q	4	2.7 (18)	2.4 (14)	2.0 (5)	1.7 (5)	8.7 (5)	ABCD	111.7
R46Bx163	4	2.8 (7)	2.4 (10)	1.9 (15)	1.6 (16)	8.7 (6)	ABCD	111.6
WL 357 HQ	4	2.7 (14)	2.4 (8)	1.9 (9)	1.6 (18)	8.7 (7)	ABCDE	111.2
WL 363 HQ	5	2.5 (25)	2.5 (4)	2.0 (4)	1.7 (7)	8.7 (8)	ABCDE	111.0
Syngenta 6422Q-EMD	4	2.7 (13)	2.4 (15)	2.0 (8)	1.6 (15)	8.7 (9)	ABCDE	110.9
R47M120 FG	4	2.6 (20)	2.5 (6)	1.9 (18)	1.7 (2)	8.6 (10)	ABCDE	110.8
R46Bx162	4	2.8 (5)	2.4 (20)	1.9 (12)	1.5 (21)	8.6 (11)	ABCDE	110.6
HybriForce 2400	4	3.1 (1)	2.3 (23)	1.8 (22)	1.4 (30)	8.6 (12)	ABCDE	110.4
AmeriStand407TQ	4	2.8 (8)	2.4 (13)	1.9 (14)	1.5 (24)	8.6 (13)	ABCDEF	110.3
R48M153 FG	4	2.6 (22)	2.4 (9)	2.0 (6)	1.6 (14)	8.6 (14)	ABCDEF	110.2
R47M312 FG	4	2.6 (24)	2.4 (11)	1.9 (13)	1.6 (8)	8.5 (15)	BCDEFG	109.4
PGI 459	4	2.9 (4)	2.4 (17)	1.8 (23)	1.5 (22)	8.5 (16)	BCDEFGH	109.4
R57M129 FG	5	2.5 (26)	2.5 (1)	1.9 (17)	1.6 (11)	8.5 (17)	BCDEFGHI	109.2
Rebound 6.0	4	2.7 (19)	2.4 (12)	1.9 (11)	1.5 (23)	8.5 (18)	CDEFGHIJ	108.9
MasterPiece II	4	2.4 (29)	2.4 (19)	2.0 (2)	1.7 (1)	8.5 (19)	CDEFGHIJ	108.8
DG4210	4	2.5 (27)	2.4 (16)	2.0 (7)	1.6 (17)	8.4 (20)	DEFGHIJ	107.6
Integra 8300	3	2.7 (16)	2.4 (18)	1.8 (20)	1.5 (26)	8.4 (21)	DEFGHIJ	107.3
GrandStand	4	2.8 (9)	2.3 (25)	1.8 (26)	1.5 (25)	8.3 (22)	EFGHIJ	106.9
MS Sunstra 803	4	2.8 (10)	2.3 (24)	1.7 (28)	1.4 (28)	8.2 (23)	F GHI J K	105.6
Xtra-3	4	2.6 (21)	2.3 (27)	1.8 (24)	1.5 (19)	8.2 (24)	GHI J K	105.2
R56Bx212	5	2.3 (30)	2.3 (26)	1.9 (16)	1.7 (3)	8.2 (25)	HI J K L	104.7
R48W224 FG	4	2.3 (31)	2.3 (22)	1.9 (19)	1.7 (4)	8.2 (26)	I J K L	104.7
Minerva	5	2.4 (28)	2.3 (21)	1.8 (25)	1.6 (10)	8.1 (27)	J K L	104.3
Mountaneer II	5	2.6 (23)	2.3 (28)	1.7 (29)	1.4 (27)	8.0 (28)	K L	102.0
Dura 512	5	2.8 (11)	2.2 (29)	1.6 (30)	1.4 (29)	7.9 (29)	K L	101.8
Vernal	2	2.9 (3)	2.1 (30)	1.6 (31)	1.2 (31)	7.8 (30)	L M	100.0
Rugged	3	2.8 (12)	2.1 (32)	1.5 (32)	1.1 (32)	7.4 (31)	M N	95.4
R65BD278	6	1.8 (32)	2.1 (31)	1.8 (27)	1.6 (9)	7.2 (32)	N	92.4
MEAN		2.65	2.36	1.86	1.54	8.41		
CV		7.8	4.7	5.4	6.3	4.1		
LSD (0.1)		0.22	0.12	0.11	0.10	0.37		

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.