

2014 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
	FD	10-Jun	16-Jul	14-Aug	23-Sep	TOTAL		VERNAL
				Dry t/a				%
R48M153 FG	4	3.0 (2)	2.7 (1)	1.8 (3)	1.6 (12)	9.0 (1)	A	119.0
Lightening IV	4	2.8 (12)	2.6 (7)	1.8 (2)	1.7 (4)	9.0 (2)	AB	118.2
Syngenta 6422Q-EMD	4	2.9 (3)	2.6 (4)	1.7 (6)	1.6 (16)	8.9 (3)	ABC	116.7
DG4210	4	2.9 (9)	2.6 (2)	1.7 (7)	1.6 (13)	8.8 (4)	ABC	116.7
MasterPiece II	4	2.7 (26)	2.6 (5)	1.8 (1)	1.7 (3)	8.8 (5)	ABCD	116.4
R57M129 FG	5	2.9 (8)	2.6 (9)	1.7 (8)	1.6 (10)	8.8 (6)	ABCD	116.2
R47M120 FG	4	2.9 (5)	2.6 (3)	1.7 (17)	1.6 (11)	8.8 (7)	ABCD	116.2
R57M130 FG	5	2.8 (18)	2.5 (13)	1.7 (15)	1.8 (1)	8.8 (8)	ABCDE	116.0
Syngenta 6422Q	4	2.9 (4)	2.6 (6)	1.7 (9)	1.6 (17)	8.8 (9)	ABCDE	116.0
WL 357 HQ	4	2.9 (6)	2.5 (15)	1.7 (5)	1.6 (9)	8.8 (10)	ABCDE	115.9
WL 363 HQ	5	2.8 (22)	2.6 (8)	1.7 (10)	1.7 (7)	8.7 (11)	ABCDEF	115.2
Integra 8400	4	3.1 (1)	2.4 (18)	1.7 (16)	1.5 (24)	8.7 (12)	ABCDEF	114.7
R46Bx163	4	2.9 (7)	2.6 (11)	1.6 (23)	1.6 (18)	8.7 (13)	BCDEF	114.4
Archer III	5	2.8 (15)	2.5 (12)	1.7 (12)	1.6 (20)	8.6 (14)	BCDEFG	113.9
AmeriStand407TQ	4	2.8 (17)	2.6 (10)	1.7 (19)	1.6 (15)	8.6 (15)	BCDEFG	113.8
Rebound 6.0	4	2.8 (16)	2.5 (14)	1.8 (4)	1.5 (26)	8.6 (16)	CDEFGH	113.2
R47M312 FG	4	2.8 (14)	2.4 (17)	1.6 (22)	1.7 (8)	8.5 (17)	CDEFGHI	112.6
R48W224 FG	4	2.7 (25)	2.4 (22)	1.7 (14)	1.8 (2)	8.5 (18)	CDEFGHI	112.5
R46Bx162	4	2.8 (13)	2.4 (20)	1.7 (13)	1.5 (21)	8.5 (19)	DEFGHIJ	111.9
Minerva	5	2.6 (28)	2.4 (19)	1.7 (11)	1.7 (6)	8.5 (20)	EFGHIJ	111.5
PGI 459	4	2.8 (19)	2.3 (25)	1.7 (18)	1.6 (19)	8.4 (21)	FGHIJ	110.7
Integra 8300	3	2.8 (20)	2.5 (16)	1.7 (21)	1.5 (27)	8.4 (22)	F GHI J	110.6
R56Bx212	5	2.6 (31)	2.4 (23)	1.7 (20)	1.7 (5)	8.3 (23)	GHI J	109.7
GrandStand	4	2.9 (11)	2.4 (21)	1.6 (25)	1.4 (28)	8.3 (24)	HI J K	109.1
MS Sunstra 803	4	2.9 (10)	2.3 (26)	1.5 (27)	1.5 (22)	8.2 (25)	I J K L	108.4
HybriForce 2400	4	2.8 (21)	2.4 (24)	1.6 (24)	1.4 (30)	8.2 (26)	J K L M	107.7
Xtra-3	4	2.6 (29)	2.3 (27)	1.5 (26)	1.5 (23)	7.9 (27)	K L M N	104.6
Mountaneer II	5	2.6 (30)	2.2 (28)	1.5 (28)	1.5 (25)	7.9 (28)	L M N	104.0
Dura 512	5	2.7 (24)	2.2 (29)	1.5 (29)	1.4 (29)	7.9 (29)	M N	103.6
Vernal	2	2.7 (23)	2.1 (30)	1.4 (31)	1.3 (31)	7.6 (30)	N O	100.0
R65BD278	6	2.2 (32)	2.1 (32)	1.4 (30)	1.6 (14)	7.3 (31)	O	96.7
Rugged	3	2.7 (27)	2.1 (31)	1.3 (32)	1.2 (32)	7.3 (32)	O	95.8
MEAN		2.78	2.43	1.65	1.57	8.44		
CV		6.7	4.8	6.0	7.1	3.9		
LSD (0.1)		0.20	0.13	0.11	0.12	0.35		

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.