

2011-2013 YIELDS, TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 8/17/10

		2011	2012	2013	Average		% of
	FD	Yield	Yield	Yield			VERNA
			Dry t/a				%
Integra 8400	4	8.2 (8)	8.9 (1)	9.0 (2)	8.7 (1)	A	110.2
Archer III	5	8.0 (14)	8.9 (2)	8.9 (3)	8.6 (2)	A B	108.7
DG4210	4	8.2 (5)	8.4 (20)	9.1 (1)	8.6 (3)	A B	108.6
WL 363 HQ	5	8.2 (10)	8.7 (8)	8.8 (4)	8.6 (4)	A B	108.4
WL 357 HQ	4	8.2 (7)	8.7 (7)	8.7 (9)	8.6 (5)	A B C	108.4
R57M129 FG	5	8.3 (2)	8.5 (17)	8.7 (10)	8.5 (6)	A B C	107.8
Syngenta 6422Q	4	8.0 (17)	8.7 (5)	8.8 (7)	8.5 (7)	A B C	107.6
MS Sunstra 803	4	8.8 (1)	8.2 (23)	8.5 (19)	8.5 (8)	A B C	107.6
R46Bx162	4	8.0 (13)	8.6 (11)	8.8 (5)	8.5 (9)	A B C	107.6
HybriForce 2400	4	8.3 (3)	8.6 (12)	8.5 (18)	8.5 (10)	A B C	107.4
R57M130 FG	5	8.3 (4)	8.8 (4)	8.4 (23)	8.5 (11)	A B C	107.4
AmeriStand407TQ	4	8.1 (12)	8.6 (13)	8.6 (14)	8.4 (12)	B C D	107
GrandStand	4	8.2 (6)	8.3 (22)	8.7 (11)	8.4 (13)	B C D	106.8
Lightening IV	4	7.7 (25)	8.8 (3)	8.7 (12)	8.4 (14)	B C D	106.7
R46Bx163	4	7.9 (20)	8.7 (6)	8.6 (17)	8.4 (15)	B C D	106.6
PGI 459	4	8.2 (9)	8.5 (16)	8.4 (21)	8.4 (16)	B C D	106.4
Rebound 6.0	4	7.9 (19)	8.5 (18)	8.7 (8)	8.4 (17)	B C D	106.2
R47M120 FG	4	7.8 (24)	8.6 (10)	8.7 (13)	8.4 (18)	B C D E	106.1
Syngenta 6422Q-EMD	4	7.8 (23)	8.7 (9)	8.6 (16)	8.4 (19)	B C D E	106
MasterPiece II	4	7.9 (21)	8.5 (19)	8.6 (15)	8.3 (20)	B C D E	105.7
Integra 8300	3	7.8 (22)	8.4 (21)	8.8 (6)	8.3 (21)	B C D E	105.7
R47M312 FG	4	8.0 (15)	8.5 (15)	8.4 (22)	8.3 (22)	C D E	105.4
R48M153 FG	4	7.6 (29)	8.6 (14)	8.5 (20)	8.2 (23)	D E F	104.2
R56Bx212	5	7.9 (18)	8.2 (25)	8.3 (24)	8.1 (24)	E F G	103.1
Dura 512	5	8.1 (11)	7.9 (29)	8.1 (29)	8.1 (25)	F G H	102.2
Xtra-3	4	7.7 (26)	8.2 (24)	8.2 (27)	8.0 (26)	F G H	102
Mountaneer II	5	8.0 (16)	8.0 (28)	8.1 (30)	8.0 (27)	F G H	101.6
R48W224 FG	4	7.7 (27)	8.2 (26)	8.2 (28)	8.0 (28)	F G H	101.5
Minerva	5	7.4 (31)	8.1 (27)	8.3 (25)	7.9 (29)	G H	100.4
Vernal	2	7.6 (28)	7.8 (30)	8.2 (26)	7.9 (30)	H	100
Rugged	3	7.4 (32)	7.4 (31)	7.8 (31)	7.6 (31)	I	95.76
R65BD278	6	7.4 (30)	7.2 (32)	7.5 (32)	7.4 (32)	I	93.3
MEAN		7.96	8.41	8.50	8.29		
CV		4.0	4.1	3.8	2.7		
LSD (0.1)		0.34	0.37	0.35	0.24		

Trial seeded at 25 lb/acre viable seed at Intermountain Research and Extension Center, Tulalake, 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.