

TABLE 4. 2006-2010 YIELDS, UC SCOTT VALLEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/04/06

		2006	2007	2008	2009	2010	Average		% of
	FD	Yield	Yield	Yield	Yield	Yield			Vernal
		Dry t/a							%
Integra 8400	4	4.6 (21)	9.1 (1)	8.8 (1)	8.9 (1)	8.5 (1)	8.0 (1)	A	131.4
PGI 459	4	4.7 (15)	8.4 (6)	8.7 (2)	8.5 (3)	8.4 (3)	7.8 (2)	AB	127.8
GrandStand	4	4.2 (30)	8.4 (9)	8.6 (5)	8.8 (2)	8.5 (2)	7.7 (3)	ABC	126.9
Xtra-3	4	5.5 (1)	8.7 (2)	8.0 (13)	8.4 (4)	7.8 (5)	7.7 (4)	ABC	126.8
Rebound 5.0	4	4.8 (12)	8.4 (7)	8.7 (4)	8.4 (5)	7.8 (6)	7.6 (5)	BCD	125.2
Dura 512	5	4.9 (6)	8.4 (11)	8.7 (3)	7.7 (17)	7.7 (8)	7.5 (6)	BCDE	123.3
DS417	4	5.3 (2)	8.4 (8)	8.0 (17)	7.9 (9)	7.6 (13)	7.4 (7)	BCDEF	122.6
FSG 505	5	4.6 (19)	8.6 (3)	8.3 (7)	8.1 (7)	7.4 (17)	7.4 (8)	BCDEFG	122.1
Masterpiece	4	4.7 (17)	8.3 (14)	8.3 (6)	7.9 (10)	7.7 (7)	7.4 (9)	CDEFG	121.6
MasterPiece	4	4.8 (11)	8.6 (4)	8.0 (14)	7.8 (13)	7.6 (12)	7.4 (10)	CDEFG	121.5
Boulder	5	4.6 (22)	8.4 (13)	7.9 (20)	8.2 (6)	7.7 (9)	7.4 (11)	CDEFGH	121.2
AmeriStand 407TQ	4	4.4 (27)	8.3 (17)	8.2 (8)	7.9 (11)	7.7 (10)	7.3 (12)	DEFGH I	119.9
WL 357HQ	5	4.9 (5)	8.2 (21)	7.8 (24)	7.9 (8)	7.5 (16)	7.3 (13)	DEFGH I	119.9
Mountaineer 2.0	5	4.8 (10)	8.4 (12)	8.0 (16)	7.5 (21)	7.4 (18)	7.2 (14)	EFGH I J	119.1
Power 4.2 (PI + Alleg)	4	4.6 (23)	8.6 (5)	8.0 (19)	7.5 (22)	7.3 (19)	7.2 (15)	EFGH I J	118.5
WL 319HQ	3	4.5 (26)	8.1 (25)	8.2 (9)	7.7 (18)	7.5 (15)	7.2 (16)	EFGH I J K	118.3
WL 343HQ	4	4.1 (31)	7.9 (27)	7.8 (22)	7.8 (14)	8.2 (4)	7.2 (17)	EFGH I J K	118.3
DKA50-18	5	4.5 (25)	8.3 (16)	8.0 (15)	7.8 (15)	7.2 (22)	7.2 (18)	EFGH I J K	117.8
WL 325HQ	4	4.6 (20)	8.3 (19)	8.1 (11)	7.3 (26)	7.3 (20)	7.1 (19)	EFGH I J K	117.5
Power 4.2 (Coated)	4	4.7 (16)	8.3 (15)	7.8 (23)	7.5 (23)	7.2 (23)	7.1 (20)	FGH I J K	117.1
RRALF 4R200	4	4.0 (32)	7.8 (28)	8.1 (10)	7.8 (12)	7.7 (11)	7.1 (21)	FGH I J K	116.8
Expedition	5	4.5 (24)	8.1 (26)	8.0 (18)	7.7 (16)	7.2 (24)	7.1 (22)	FGH I J K	116.7
PGI 424	4	4.9 (7)	8.4 (10)	7.5 (28)	7.3 (25)	7.3 (21)	7.1 (23)	FGH I J K	116.7
Whitney	4	4.6 (18)	8.3 (18)	7.9 (21)	7.6 (19)	6.8 (27)	7.1 (24)	GH I J K	116.1
HybriForce620	6	5.1 (4)	8.2 (22)	7.5 (26)	7.2 (27)	6.9 (26)	7.0 (25)	H I J K	115.1
CW 500	5	4.8 (8)	8.2 (23)	8.1 (12)	7.1 (28)	6.6 (29)	7.0 (26)	I J K	114.6
DKA41-18RR	4	4.3 (29)	7.5 (31)	7.7 (25)	7.6 (20)	7.5 (14)	6.9 (27)	I J K	113.9
WL 355RR	4	4.8 (13)	7.8 (29)	7.5 (27)	7.4 (24)	7.0 (25)	6.9 (28)	J K	113.8
Mariner III	4	4.8 (9)	8.2 (20)	7.2 (29)	7.0 (29)	6.8 (28)	6.8 (29)	K	112.2
HybriForce420/wet	4	5.2 (3)	8.1 (24)	6.5 (31)	7.0 (30)	5.2 (32)	6.4 (30)	L	105.5
FSG 408DP	4	4.7 (14)	7.8 (30)	6.8 (30)	6.2 (32)	6.1 (30)	6.3 (31)	L	104.1
Vernal	2	4.4 (28)	7.5 (32)	6.2 (32)	6.6 (31)	5.6 (31)	6.1 (32)	L	100.0
MEAN		4.69	8.26	7.91	7.69	7.33	7.18		
CV		8.5	4.0	6.1	7.4	8.1	4.3		
LSD (0.1)		0.48	0.40	0.58	0.69	0.71	0.37		

Trial seeded at 25 lb/acre viable seed at Scott Valley, 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.

