

2017-2018 YIELDS, TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 5/22/17

		2017	2018	Average		% of
	FD	Yield	Yield			Vernal
			Dry t/a			
Released Varieties						
Integra 8450	4	3.76 (11)	9.72 (7)	6.74 (6)	B C D E F	115.1
WL365HQ	5	3.80 (9)	9.64 (9)	6.72 (7)	B C D E F G	114.7
SW5210	6	3.74 (12)	9.51 (12)	6.63 (8)	C D E F G H	113.2
PGI459	4	4.16 (3)	9.01 (31)	6.59 (9)	D E F G H I	112.5
FG R513W224S	5	3.64 (18)	9.50 (13)	6.57 (10)	D E F G H I	112.3
Dekalb 43-13	4	3.81 (8)	9.27 (19)	6.54 (11)	E F G H I	111.7
WL363HQ	5	3.78 (10)	9.26 (21)	6.52 (12)	E F G H I	111.3
SW5213	5	3.51 (22)	9.51 (11)	6.51 (13)	E F G H I	111.2
Nexgrow 6585Q	5	3.74 (13)	9.25 (22)	6.50 (14)	E F G H I J	111.0
Integra 8444R	4	3.72 (15)	9.27 (20)	6.50 (15)	E F G H I J	110.9
Xtra-3	4	3.54 (21)	9.41 (15)	6.48 (16)	F G H I J K	110.6
Genuity-RR	4	3.74 (14)	9.20 (25)	6.47 (17)	G H I J K	110.5
Nexgrow 6422Q	4	3.03 (35)	9.89 (1)	6.46 (18)	G H I J K L	110.4
FG R513M225S	5	3.71 (16)	9.19 (27)	6.45 (19)	G H I J K L	110.2
SW4107	4	3.04 (29)	9.84 (2)	6.44 (21)	H I J K L	110.0
FG R410W253	4	3.61 (20)	9.20 (24)	6.41 (22)	H I J K L M	109.4
54Q29	4	3.04 (30)	9.76 (5)	6.40 (23)	H I J K L M	109.3
AmeriStand 545NT RR	5	3.41 (23)	9.35 (17)	6.38 (24)	H I J K L M	109.0
WL377HQ	5	3.04 (27)	9.66 (8)	6.35 (26)	I J K L M N	108.5
FG R513W227S	5	3.27 (24)	9.20 (26)	6.23 (27)	J K L M N O	106.5
Integra 8420	4	3.03 (34)	9.42 (14)	6.23 (28)	J K L M N O	106.3
Archer III	5	3.03 (38)	9.41 (16)	6.22 (29)	K L M N O P	106.2
4R200	4	3.67 (17)	8.72 (37)	6.19 (30)	L M N O P	105.8
Hi-Gest 360	3	3.03 (39)	9.30 (18)	6.17 (31)	M N O P	105.3
WL 372HQ-RR	5	3.02 (42)	9.19 (28)	6.11 (32)	N O P Q	104.3
Ameristand 427TQ	4	3.04 (25)	8.95 (32)	6.00 (33)	O P Q R	102.4
Ameristand 445-NT	4	3.04 (26)	8.86 (35)	5.95 (35)	P Q R S	101.6
Vernal	2	3.03 (32)	8.68 (39)	5.86 (39)	Q R S T	100.0
Experimental Varieties						
msSunstra-143146	3	4.30 (1)	9.83 (3)	7.07 (1)	A	120.7
Hybriforce-4400	4	4.14 (4)	9.74 (6)	6.94 (2)	A B	118.5
Hybriforce-3430	3	3.98 (6)	9.79 (4)	6.89 (3)	A B C	117.6
Hybriforce-3420/Wet	4	4.09 (5)	9.57 (10)	6.83 (4)	A B C D	116.6
msSunstra-155203	6	4.28 (2)	9.25 (23)	6.76 (5)	B C D E	115.5
msSunstra-155202	6	3.86 (7)	9.03 (30)	6.45 (20)	G H I J K L	110.1
SW4466	4	3.62 (19)	9.13 (29)	6.38 (25)	H I J K L M N	108.9
RRL414M377	4	3.04 (28)	8.86 (34)	5.95 (34)		P Q R S
H0415ST202	4	3.03 (37)	8.87 (33)	5.95 (36)		P Q R S
H0415A3144	4	3.03 (36)	8.73 (36)	5.88 (37)		Q R S T
RRL414M104	4	3.03 (40)	8.69 (38)	5.86 (38)		Q R S T
RRL514W209	5	3.03 (31)	8.63 (40)	5.83 (40)		R S T
H0415QT111	4	3.02 (44)	8.46 (41)	5.74 (41)		R S T
H0515QT102	5	3.02 (41)	8.43 (42)	5.72 (42)		R S T
RRL414W208	4	3.02 (43)	8.42 (43)	5.72 (43)		S T
RRL514W201	5	3.03 (33)	8.20 (44)	5.62 (44)		T
MEAN		3.44	9.20	6.32		
CV		8.16	3.66	3.63		
LSD (0.1)		0.33	0.40	0.27		

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.