

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

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
		6-Jun	5-Jul	9-Aug	25-Sep	TOTAL		VERNAL
	FD			Dry t/a				
Released Varieties								
Nexgrow 6422Q	4	3.62 (10)	2.05 (3)	2.29 (13)	1.93 (9)	9.89 (1)	A	114.0
SW4107	4	3.63 (9)	1.89 (20)	2.35 (4)	1.98 (1)	9.84 (2)	A	113.4
54Q29	4	3.63 (8)	1.95 (12)	2.27 (16)	1.92 (10)	9.76 (5)	A B	112.5
Integra 8450	4	3.55 (12)	1.97 (5)	2.29 (14)	1.91 (11)	9.72 (7)	A B C	112.0
WL377HQ	5	3.36 (19)	1.98 (4)	2.35 (5)	1.98 (2)	9.66 (8)	A B C D	111.4
WL365HQ	5	3.24 (24)	2.09 (2)	2.36 (2)	1.94 (4)	9.64 (9)	A B C D E	111.1
SW5213	5	3.41 (17)	1.97 (7)	2.22 (22)	1.91 (13)	9.51 (11)	A B C D E F G	109.6
SW5210	6	3.52 (13)	1.84 (27)	2.22 (24)	1.93 (6)	9.51 (12)	A B C D E F G	109.6
FG R513W224S	5	3.31 (21)	1.92 (17)	2.34 (6)	1.94 (5)	9.50 (13)	A B C D E F G	109.5
Integra 8420	4	3.22 (27)	2.10 (1)	2.22 (23)	1.89 (17)	9.42 (14)	B C D E F G H	108.6
Xtra-3	4	3.19 (31)	1.96 (8)	2.33 (7)	1.93 (7)	9.41 (15)	B C D E F G H	108.5
Archer III	5	3.70 (4)	1.71 (39)	2.23 (19)	1.77 (29)	9.41 (16)	B C D E F G H I	108.4
AmeriStand 545NT RR	5	3.20 (28)	1.97 (6)	2.25 (18)	1.93 (8)	9.35 (17)	C D E F G H I	107.8
Hi-Gest 360	3	3.68 (6)	1.75 (36)	2.08 (37)	1.80 (25)	9.30 (18)	D E F G H I J	107.2
Dekalb 43-13	4	3.38 (18)	1.85 (26)	2.23 (20)	1.81 (24)	9.27 (19)	D E F G H I J	106.9
Integra 8444R	4	3.35 (20)	1.91 (18)	2.18 (26)	1.82 (23)	9.27 (20)	D E F G H I J	106.8
WL363HQ	5	3.30 (22)	1.87 (23)	2.22 (21)	1.86 (20)	9.26 (21)	E F G H I J K	106.7
Nexgrow 6585Q	5	3.11 (35)	1.92 (16)	2.31 (12)	1.91 (12)	9.25 (22)	E F G H I J K L	106.6
FG R410W253	4	3.03 (40)	1.96 (9)	2.32 (9)	1.89 (14)	9.20 (24)	F G H I J K L	106.0
Genuity-RR	4	3.19 (30)	1.90 (19)	2.21 (25)	1.89 (15)	9.20 (25)	F G H I J K L	106.0
FG R513W227S	5	3.10 (37)	1.88 (22)	2.36 (3)	1.86 (19)	9.20 (26)	F G H I J K L	106.0
FG R513M225S	5	3.20 (29)	1.96 (10)	2.27 (15)	1.76 (31)	9.19 (27)	F G H I J K L	105.9
WL 372HQ-RR	5	3.27 (23)	1.94 (13)	2.13 (32)	1.85 (21)	9.19 (28)	F G H I J K L	105.9
PGI459	4	3.52 (14)	1.66 (40)	2.12 (34)	1.72 (33)	9.01 (31)	I J K L M N	103.8
Ameristand 427TQ	4	3.69 (5)	1.54 (43)	2.08 (38)	1.64 (42)	8.95 (32)	J K L M N	103.1
Ameristand 445-NT	4	3.61 (11)	1.55 (42)	2.05 (41)	1.64 (41)	8.86 (35)	L M N O	102.0
4R200	4	3.07 (39)	1.72 (38)	2.16 (28)	1.77 (30)	8.72 (37)	N O P	100.4
Vernal	2	3.50 (15)	1.50 (44)	2.00 (44)	1.68 (36)	8.68 (39)	N O P	100.0
Experimental Varieties								
msSunstra-143146	3	3.78 (1)	1.95 (11)	2.32 (11)	1.79 (26)	9.83 (3)	A	113.3
Hybriforce-3430	3	3.75 (2)	1.83 (28)	2.32 (8)	1.89 (16)	9.79 (4)	A B	112.9
Hybriforce-4400	4	3.71 (3)	1.94 (14)	2.27 (17)	1.83 (22)	9.74 (6)	A B C	112.3
Hybriforce-3420/Wet	4	3.64 (7)	1.85 (25)	2.37 (1)	1.71 (34)	9.57 (10)	A B C D E F	110.3
msSunstra-155203	6	3.16 (33)	1.81 (31)	2.32 (10)	1.96 (3)	9.25 (23)	E F G H I J K L	106.5
SW4466	4	3.44 (16)	1.75 (35)	2.06 (40)	1.88 (18)	9.13 (29)	G H I J K L M	105.2
msSunstra-155202	6	3.22 (26)	1.94 (15)	2.14 (31)	1.74 (32)	9.03 (30)	H I J K L M N	104.0
H0415ST202	4	3.17 (32)	1.78 (33)	2.13 (33)	1.79 (27)	8.87 (33)	K L M N	102.2
RRL414M377	4	3.24 (25)	1.82 (29)	2.02 (43)	1.78 (28)	8.86 (34)	K L M N	102.1
H0415A3144	4	3.09 (38)	1.80 (32)	2.15 (30)	1.69 (35)	8.73 (36)	M N O P	100.6
RRL414M104	4	3.12 (34)	1.74 (37)	2.18 (27)	1.65 (38)	8.69 (38)	N O P	100.2
RRL514W209	5	3.10 (36)	1.76 (34)	2.15 (29)	1.62 (43)	8.63 (40)	N O P	99.5
H0415QT111	4	2.89 (42)	1.81 (30)	2.10 (35)	1.65 (39)	8.46 (41)	O P Q	97.4
H0515QT102	5	2.79 (44)	1.88 (21)	2.09 (36)	1.67 (37)	8.43 (42)	P Q	97.1
RRL414W208	4	2.83 (43)	1.87 (24)	2.07 (39)	1.64 (40)	8.42 (43)	P Q	97.0
RRL514W201	5	2.97 (41)	1.60 (41)	2.04 (42)	1.59 (44)	8.20 (44)	Q	94.5
MEAN		3.33	1.85	2.21	1.81	9.20		
CV		6.67	7.61	5.25	5.53	3.66		
LSD (0.1)		0.26	0.17	0.14	0.12	0.40		

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.