

2020 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

	FD	YEAR				TOTAL		% of VERNAL
		Cut 1 11-Jun	Cut 2 16-Jul	Cut 3 11-Aug	Cut 4 23-Sep			
Released Varieties								
WL365HQ	5	2.97 (4)	2.67 (1)	1.76 (1)	1.84 (4)	9.23 (1)	A	120.0
FG R513W227S	5	2.73 (24)	2.62 (7)	1.72 (2)	1.94 (1)	9.01 (2)	A B	117.2
Nexgrow 6422Q	4	2.90 (8)	2.64 (4)	1.67 (7)	1.78 (8)	8.98 (3)	A B C	116.8
SW5210	6	3.08 (1)	2.62 (6)	1.54 (27)	1.68 (27)	8.92 (4)	A B C D	116.0
Nexgrow 6585Q	5	2.81 (16)	2.61 (8)	1.65 (10)	1.82 (7)	8.89 (5)	A B C D E	115.6
Integra 8450	4	2.92 (5)	2.62 (5)	1.56 (23)	1.77 (11)	8.88 (6)	A B C D E	115.5
WL377HQ	5	2.74 (23)	2.60 (10)	1.70 (4)	1.84 (3)	8.88 (7)	A B C D E	115.5
SW4107	4	2.81 (14)	2.64 (3)	1.64 (12)	1.75 (15)	8.84 (8)	A B C D E	114.9
FG R410W253	4	2.76 (21)	2.59 (12)	1.65 (11)	1.83 (6)	8.82 (9)	B C D E F	114.7
FG R513M225S	5	2.69 (30)	2.52 (21)	1.72 (3)	1.87 (2)	8.80 (11)	B C D E F	114.5
WL363HQ	5	2.71 (29)	2.66 (2)	1.61 (14)	1.77 (12)	8.75 (13)	B C D E F G H	113.8
Integra 8444R	4	2.67 (31)	2.57 (16)	1.66 (8)	1.78 (9)	8.67 (15)	B C D E F G H I J	112.8
AmeriStand 545NT RR	5	2.63 (36)	2.58 (14)	1.69 (5)	1.77 (10)	8.66 (16)	B C D E F G H I J	112.6
FG R513W224S	5	2.71 (28)	2.50 (23)	1.66 (9)	1.77 (14)	8.64 (18)	B C D E F G H I J K L	112.3
54Q29	4	2.89 (9)	2.57 (17)	1.52 (30)	1.64 (34)	8.63 (20)	B C D E F G H I J K L	112.2
Hybriforce-4400	4	3.01 (2)	2.52 (20)	1.43 (35)	1.66 (33)	8.63 (21)	B C D E F G H I J K L	112.2
SW5213	5	2.73 (25)	2.61 (9)	1.60 (18)	1.67 (28)	8.61 (22)	C D E F G H I J K L	112.0
Genuity-RR	4	2.65 (33)	2.56 (19)	1.60 (17)	1.73 (18)	8.53 (23)	D E F G H I J K L M	111.0
Hybriforce-3600	6	2.55 (41)	2.56 (18)	1.59 (19)	1.84 (5)	8.53 (24)	D E F G H I J K L M	110.9
Xtra-3	4	2.48 (43)	2.58 (13)	1.61 (15)	1.73 (17)	8.39 (27)	G H I J K L M	109.1
Dekalb 43-13	4	2.60 (37)	2.47 (29)	1.54 (28)	1.77 (13)	8.38 (28)	G H I J K L M	108.9
Hybriforce-3430	3	2.88 (11)	2.42 (37)	1.34 (42)	1.72 (20)	8.37 (29)	G H I J K L M	108.8
Archer III	5	2.78 (17)	2.50 (24)	1.42 (36)	1.62 (38)	8.32 (32)	I J K L M	108.1
Integra 8420	4	2.66 (32)	2.44 (33)	1.49 (33)	1.69 (26)	8.28 (33)	J K L M N	107.6
PGI459	4	2.77 (19)	2.48 (27)	1.37 (40)	1.62 (37)	8.25 (35)	K L M N	107.2
Hybriforce-3420/Wet	4	2.76 (20)	2.47 (30)	1.41 (37)	1.61 (40)	8.25 (36)	K L M N	107.2
4R200	4	2.58 (39)	2.43 (35)	1.50 (32)	1.72 (19)	8.24 (37)	L M N	107.1
WL 372HQ-RR	5	2.55 (40)	2.42 (38)	1.58 (20)	1.63 (35)	8.18 (38)	M N O	106.4
Hi-Gest 360	3	2.78 (18)	2.46 (31)	1.35 (41)	1.58 (41)	8.17 (39)	M N O	106.2
Ameristand 445-NT	4	2.65 (34)	2.34 (41)	1.31 (43)	1.51 (43)	7.82 (42)	O P Q	101.6
Ameristand 427TQ	4	2.54 (42)	2.30 (43)	1.38 (39)	1.55 (42)	7.77 (43)	P Q	101.0
Vernal	2	2.72 (27)	2.30 (42)	1.22 (44)	1.44 (44)	7.69 (44)	Q	100.0
Experimental Varieties								
RRL414M377	4	2.99 (3)	2.59 (11)	1.57 (21)	1.66 (30)	8.82 (10)	B C D E F	114.6
RRL414M104	4	2.81 (15)	2.57 (15)	1.68 (6)	1.70 (23)	8.76 (12)	B C D E F G	114.0
RRL514W209	5	2.91 (6)	2.49 (26)	1.60 (16)	1.70 (24)	8.70 (14)	B C D E F G H I	113.1
H0515QT102	5	2.84 (13)	2.48 (28)	1.63 (13)	1.70 (25)	8.65 (17)	B C D E F G H I J K	112.4
H0415QT111	4	2.87 (12)	2.45 (32)	1.57 (22)	1.74 (16)	8.63 (19)	B C D E F G H I J K L	112.2
msSunstra-143146	3	2.89 (10)	2.49 (25)	1.45 (34)	1.67 (29)	8.50 (25)	E F G H I J K L M	110.5
H0415A3144	4	2.76 (22)	2.51 (22)	1.56 (24)	1.62 (39)	8.44 (26)	F G H I J K L M	109.7
SW4466	4	2.91 (7)	2.44 (34)	1.39 (38)	1.63 (36)	8.36 (30)	G H I J K L M	108.8
H0415ST202	4	2.73 (26)	2.39 (39)	1.52 (31)	1.71 (21)	8.36 (31)	H I J K L M	108.6
msSunstra-155202	6	2.59 (38)	2.43 (36)	1.54 (26)	1.71 (22)	8.26 (34)	K L M N	107.4
RRL414W208	4	2.65 (35)	2.28 (44)	1.55 (25)	1.66 (31)	8.14 (40)	M N O P	105.8
RRL514W201	5	2.34 (44)	2.38 (40)	1.52 (29)	1.66 (32)	7.90 (41)	N O P Q	102.8
MEAN		2.75	2.51	1.55	1.71	8.51		
CV		6.27	4.30	6.18	5.75	3.97		
LSD (0.1)		0.20	0.13	0.11	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.