

## 2019 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
	FD	12-Jun	12-Jul	9-Aug	26-Sep	TOTAL		VERNAL
		Dry t/a						
<b>Released Varieties</b>								
SW4107	4	3.54 ( 1)	2.55 ( 2)	1.89 ( 8)	1.52 ( 4)	9.50 ( 1)	A	117.3
WL365HQ	5	3.34 (10)	2.52 ( 4)	2.06 ( 1)	1.50 ( 6)	9.42 ( 2)	A	116.3
Nexgrow 6422Q	4	3.37 ( 7)	2.54 ( 3)	1.99 ( 2)	1.37 (26)	9.27 ( 3)	A B	114.4
SW5210	6	3.48 ( 4)	2.40 (14)	1.75 (25)	1.42 (11)	9.05 ( 4)	B C	111.8
Integra 8450	4	3.27 (15)	2.56 ( 1)	1.81 (17)	1.38 (21)	9.03 ( 5)	B C D	111.4
WL377HQ	5	3.10 (29)	2.43 ( 9)	1.94 ( 4)	1.51 ( 5)	8.98 ( 6)	B C D E	110.8
FG R513W227S	5	3.17 (22)	2.46 ( 6)	1.88 (10)	1.45 ( 8)	8.96 ( 8)	B C D E F	110.6
54Q29	4	3.49 ( 3)	2.39 (15)	1.66 (37)	1.41 (15)	8.95 ( 9)	B C D E F	110.5
Hybriforce-4400	4	3.47 ( 5)	2.37 (19)	1.74 (26)	1.37 (27)	8.95 (10)	B C D E F	110.5
WL363HQ	5	3.15 (23)	2.43 ( 8)	1.83 (16)	1.52 ( 3)	8.94 (11)	B C D E F	110.3
FG R513W224S	5	3.13 (26)	2.49 ( 5)	1.88 (11)	1.43 (10)	8.92 (12)	B C D E F G	110.1
Xtra-3	4	3.04 (34)	2.37 (17)	1.93 ( 6)	1.55 ( 2)	8.89 (13)	C D E F G H	109.8
AmeriStand 545NT RR	5	3.09 (30)	2.41 (13)	1.93 ( 5)	1.40 (17)	8.83 (14)	C D E F G H I	109.0
Nexgrow 6585Q	5	3.15 (24)	2.42 (11)	1.84 (14)	1.43 ( 9)	8.83 (15)	C D E F G H I	109.0
SW5213	5	3.25 (19)	2.44 ( 7)	1.74 (28)	1.39 (19)	8.82 (16)	C D E F G H I	108.9
Genuity-RR	4	3.27 (17)	2.36 (20)	1.81 (18)	1.37 (24)	8.81 (17)	C D E F G H I	108.8
Dekalb 43-13	4	3.27 (16)	2.30 (27)	1.78 (23)	1.36 (28)	8.71 (19)	C D E F G H I J	107.6
FG R513M225S	5	2.98 (36)	2.41 (12)	1.90 ( 7)	1.41 (16)	8.69 (20)	D E F G H I J	107.3
FG R410W253	4	3.00 (35)	2.37 (18)	1.96 ( 3)	1.34 (31)	8.67 (21)	E F G H I J K	107.0
Hybriforce-3430	3	3.44 ( 6)	2.21 (37)	1.63 (41)	1.38 (20)	8.66 (22)	E F G H I J K	106.9
PGI459	4	3.34 ( 9)	2.22 (35)	1.68 (36)	1.40 (18)	8.64 (23)	E F G H I J K	106.7
Hi-Gest 360	3	3.35 ( 8)	2.32 (24)	1.62 (42)	1.33 (32)	8.63 (26)	E F G H I J K L	106.5
Archer III	5	3.27 (18)	2.30 (28)	1.64 (39)	1.41 (13)	8.62 (27)	F G H I J K L	106.4
WL 372HQ-RR	5	3.09 (31)	2.39 (16)	1.73 (30)	1.35 (30)	8.56 (29)	G H I J K L M	105.7
Hybriforce-3420/Wet	4	3.28 (14)	2.22 (36)	1.68 (35)	1.37 (25)	8.55 (30)	H I J K L M	105.6
Integra 8420	4	3.04 (33)	2.32 (25)	1.72 (31)	1.37 (23)	8.44 (33)	J K L M N	104.2
Integra 8444R	4	2.87 (39)	2.34 (22)	1.84 (13)	1.38 (22)	8.42 (34)	J K L M N	104.0
Hybriforce-3600	6	2.84 (41)	2.17 (39)	1.73 (29)	1.58 ( 1)	8.32 (36)	K L M N O	102.7
4R200	4	2.94 (38)	2.20 (38)	1.78 (24)	1.36 (29)	8.29 (37)	L M N O	102.3
Ameristand 427TQ	4	3.33 (11)	2.08 (43)	1.63 (40)	1.20 (44)	8.24 (38)	M N O	101.7
Ameristand 445-NT	4	3.21 (20)	2.12 (42)	1.54 (44)	1.25 (40)	8.12 (40)	N O	100.2
Vernal	2	3.29 (12)	2.03 (44)	1.54 (43)	1.25 (42)	8.10 (41)	N O	100.0
<b>Experimental Varieties</b>								
SW4466	4	3.53 ( 2)	2.35 (21)	1.69 (34)	1.41 (14)	8.98 ( 7)	B C D E F	110.8
msSunstra-143146	3	3.28 (13)	2.32 (26)	1.65 (38)	1.47 ( 7)	8.73 (18)	C D E F G H I J	107.7
RRL414M104	4	3.18 (21)	2.42 (10)	1.79 (21)	1.24 (43)	8.63 (24)	E F G H I J K L	106.6
H0415ST202	4	3.13 (25)	2.29 (31)	1.89 ( 9)	1.32 (33)	8.63 (25)	E F G H I J K L	106.5
RRL514W209	5	3.11 (28)	2.29 (30)	1.87 (12)	1.31 (34)	8.57 (28)	G H I J K L M	105.8
RRL414M377	4	3.12 (27)	2.33 (23)	1.79 (22)	1.28 (36)	8.52 (31)	I J K L M	105.1
H0415A3144	4	3.07 (32)	2.29 (29)	1.81 (20)	1.27 (37)	8.45 (32)	J K L M N	104.3
H0515QT102	5	2.95 (37)	2.28 (32)	1.81 (19)	1.29 (35)	8.33 (35)	K L M N O	102.8
RRL414W208	4	2.78 (44)	2.28 (33)	1.83 (15)	1.26 (39)	8.15 (39)	N O	100.6
msSunstra-155202	6	2.79 (43)	2.14 (41)	1.70 (32)	1.42 (12)	8.04 (42)	O	99.3
RRL514W201	5	2.84 (40)	2.15 (40)	1.74 (27)	1.27 (38)	8.01 (43)	O	98.9
H0415QT111	4	2.82 (42)	2.23 (34)	1.70 (33)	1.25 (41)	8.00 (44)	O	98.7
MEAN		3.17	2.33	1.78	1.38	8.66		
CV		5.44	4.78	5.52	5.84	3.47		
LSD (0.1)		0.20	0.13	0.12	0.10	0.36		

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.