

# 2017 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	Cut 1 28-Jul	Cut 2 11-Sep Dry t/a	YEAR TOTAL		% of VERNAL
<b>Released Varieties</b>						
PGI459	4	2.05 ( 4)	2.12 ( 2)	4.16 ( 3)	A B	137.2
Dekalb 43-13	4	1.82 (11)	1.99 (10)	3.81 ( 8)	C D E F G	125.5
WL365HQ	5	1.80 (14)	1.99 ( 9)	3.80 ( 9)	D E F G	125.1
WL363HQ	5	1.80 (13)	1.97 (11)	3.78 (10)	D E F G	124.5
Integra 8450	4	1.90 ( 7)	1.86 (20)	3.76 (11)	D E F G	124.0
SW5210	6	1.75 (19)	2.00 ( 8)	3.74 (12)	E F G H	123.4
Nexgrow 6585Q	5	1.79 (16)	1.95 (12)	3.74 (13)	E F G H	123.4
Genuity-RR	4	1.84 ( 9)	1.90 (17)	3.74 (14)	E F G H	123.3
Integra 8444R	4	1.78 (18)	1.94 (13)	3.72 (15)	E F G H	122.7
FG R513M225S	5	1.79 (17)	1.92 (15)	3.71 (16)	E F G H	122.3
4R200	4	1.81 (12)	1.87 (19)	3.67 (17)	E F G H	121.1
FG R513W224S	5	1.79 (15)	1.85 (21)	3.64 (18)	F G H	120.1
FG R410W253	4	1.83 (10)	1.78 (22)	3.61 (20)	F G H	118.9
Xtra-3	4	1.63 (23)	1.91 (16)	3.54 (21)	F G H I	116.8
SW5213	5	1.48 (25)	2.03 ( 6)	3.51 (22)	G H I	115.7
AmeriStand 545NT R	5	1.64 (22)	1.77 (23)	3.41 (23)	H I	112.5
FG R513W227S	5	1.64 (21)	1.63 (24)	3.27 (24)	I J	107.8
Ameristand 427TQ	4	1.44 (41)	1.60 (26)	3.04 (25)	J	100.3
Ameristand 445-NT	4	1.49 (24)	1.55 (43)	3.04 (26)	J	100.2
WL377HQ	5	1.46 (38)	1.58 (29)	3.04 (27)	J	100.1
SW4107	4	1.46 (37)	1.58 (30)	3.04 (29)	J	100.1
54Q29	4	1.46 (36)	1.58 (31)	3.04 (30)	J	100.1
Vernal	2	1.46 (35)	1.57 (32)	3.03 (32)	J	100.0
Integra 8420	4	1.44 (43)	1.60 (28)	3.03 (34)	J	99.9
Nexgrow 6422Q	4	1.46 (34)	1.57 (35)	3.03 (35)	J	99.9
Archer III	5	1.47 (27)	1.56 (40)	3.03 (38)	J	99.8
Hi-Gest 360	3	1.46 (31)	1.56 (37)	3.03 (39)	J	99.8
WL 372HQ-RR	5	1.47 (29)	1.56 (42)	3.02 (42)	J	99.6
<b>Experimental Varieties</b>						
msSunstra-143146	3	2.11 ( 3)	2.19 ( 1)	4.30 ( 1)	A	141.7
msSunstra-155203	6	2.19 ( 1)	2.09 ( 4)	4.28 ( 2)	A	141.0
msSunstra-144110	4	2.03 ( 5)	2.11 ( 3)	4.14 ( 4)	A B C	136.3
msSunstra-144109	4	2.15 ( 2)	1.94 (14)	4.09 ( 5)	A B C D	134.7
msSunstra-143147	3	1.94 ( 6)	2.04 ( 5)	3.98 ( 6)	A B C D E	131.3
msSunstra-155202	6	1.86 ( 8)	2.01 ( 7)	3.86 ( 7)	B C D E F	127.3
SW4466	4	1.72 (20)	1.90 (18)	3.62 (19)	F G H	119.3
RRL414M377	4	1.44 (42)	1.60 (25)	3.04 (28)	J	100.1
RRL514W209	5	1.46 (33)	1.57 (34)	3.03 (31)	J	100.0
RRL514W201	5	1.48 (26)	1.56 (41)	3.03 (33)	J	100.0
H0415A3144	4	1.43 (44)	1.60 (27)	3.03 (36)	J	99.8
H0415ST202	4	1.47 (28)	1.56 (39)	3.03 (37)	J	99.8
RRL414M104	4	1.46 (32)	1.56 (38)	3.03 (40)	J	99.8
H0515QT102	5	1.45 (40)	1.57 (33)	3.02 (41)	J	99.7
RRL414W208	4	1.45 (39)	1.56 (36)	3.02 (43)	J	99.5
H0415QT111	4	1.47 (30)	1.55 (44)	3.02 (44)	J	99.4
MEAN		1.67	1.78	3.44		
CV		9.57	8.04	8.16		
LSD (0.1)		0.19	0.17	0.33		

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.

