

2023 YIELDS, TULELAKE ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 8/19/21

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	
		14-Jun	19-Jul	25-Aug	28-Sep	TOTAL		VERNAL	
	FD	Dry t/a							
Released Varieties									
AWS 418RL	4	2.70 (6)	2.25 (6)	1.96 (1)	1.45 (6)	8.37 (1)	A	117.2	
54VQ52	4	2.63 (7)	2.29 (5)	1.80 (11)	1.33 (12)	8.05 (2)	A B	112.7	
AFX 439	4	2.47 (10)	2.39 (2)	1.86 (4)	1.32 (14)	8.04 (3)	A B	112.6	
Ameristand 446NT	4	2.13 (24)	2.12 (17)	1.86 (5)	1.91 (1)	8.02 (4)	A B C	112.3	
Ameristand 428TQ	4	2.40 (16)	2.42 (1)	1.69 (19)	1.47 (5)	7.98 (5)	A B C D	111.7	
6453Q	4	2.47 (11)	2.30 (4)	1.85 (6)	1.36 (10)	7.98 (6)	A B C D	111.7	
Ameristand 518NT	5	2.42 (14)	2.17 (10)	1.85 (7)	1.51 (4)	7.94 (7)	B C D	111.1	
6585Q	5	2.41 (15)	2.12 (18)	1.86 (3)	1.54 (3)	7.94 (8)	B C D	111.1	
HybriForce-4420/Wet	4	2.73 (4)	2.06 (20)	1.77 (15)	1.32 (13)	7.88 (9)	B C D E	110.4	
Nexgrow 6516R	4.5	2.35 (19)	2.14 (14)	1.93 (2)	1.43 (9)	7.84 (10)	B C D E F	109.8	
WL377 HQ	5	2.72 (5)	2.05 (23)	1.83 (9)	1.16 (19)	7.77 (12)	B C D E F	108.7	
Ameristand 416NT RR	4	2.28 (22)	2.15 (12)	1.77 (16)	1.55 (2)	7.75 (13)	B C D E F	108.5	
WL341 HVXRR	4	2.44 (12)	2.35 (3)	1.69 (20)	1.28 (16)	7.75 (14)	B C D E F	108.5	
AWS 455 salt	4	2.75 (2)	2.15 (11)	1.79 (13)	1.05 (22)	7.74 (15)	B C D E F	108.4	
LG5R300	5	2.43 (13)	2.13 (16)	1.80 (10)	1.35 (11)	7.71 (16)	B C D E F	107.9	
LG4R300	4	2.32 (21)	2.18 (9)	1.70 (18)	1.44 (7)	7.64 (17)	C D E F	107.0	
WL375 HVXRR	4.6	2.27 (23)	2.20 (7)	1.85 (8)	1.32 (15)	7.63 (18)	C D E F	106.9	
WL3441 RR	4	2.33 (20)	2.13 (15)	1.72 (17)	1.44 (8)	7.62 (19)	D E F	106.6	
54Q29	4	2.63 (8)	2.06 (21)	1.69 (22)	1.16 (20)	7.53 (20)	E F G	105.4	
Bison Alfalfa	3.5	2.37 (18)	2.15 (13)	1.77 (14)	1.19 (18)	7.49 (21)	F G H	104.8	
AWS 390	3.9	2.38 (17)	2.07 (19)	1.79 (12)	1.21 (17)	7.45 (22)	F G H	104.3	
Vernal	2	2.79 (1)	2.06 (22)	1.45 (24)	0.85 (24)	7.14 (23)	G H	100.0	
Magna150RR	4	2.48 (9)	1.93 (24)	1.67 (23)	1.03 (23)	7.12 (24)	H	99.7	
Experimental Varieties									
SW4615	5	2.74 (3)	2.19 (8)	1.69 (21)	1.15 (21)	7.77 (11)	B C D E F	108.8	
MEAN		2.49	2.17	1.78	1.33	7.76			
CV		5.51	9.00	7.03	12.14	4.21			
LSD (0.1)		0.17	NS	0.15	0.20	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.