

2022 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	YEAR		% of
		24-Jun	8-Aug	14-Sep	TOTAL		VERNAL
	FD	Dry t/a					
Released Varieties							
Magna150RR	4	3.69 (4)	3.04 (1)	1.61 (2)	8.33 (1)	A	110.3
54Q29	4	3.78 (1)	2.89 (3)	1.59 (4)	8.26 (2)	A	109.3
HybriForce-4420/Wet	4	3.66 (5)	2.83 (5)	1.63 (1)	8.11 (3)	A B	107.4
54VQ52	4	3.72 (3)	2.62 (14)	1.55 (6)	7.90 (4)	A B C	104.6
AWS 455 salt	4	3.46 (11)	2.82 (6)	1.59 (3)	7.87 (6)	A B C D	104.2
AWS 418RL	4	3.50 (10)	2.86 (4)	1.51 (13)	7.87 (7)	A B C D	104.2
WL377 HQ	5	3.63 (7)	2.64 (10)	1.43 (18)	7.71 (8)	B C D E	102.1
6453Q	4	3.59 (8)	2.60 (16)	1.51 (12)	7.70 (9)	B C D E	102.0
Ameristand 428TQ	4	3.53 (9)	2.68 (8)	1.45 (16)	7.66 (10)	B C D E	101.4
Bison Alfalfa	3.5	3.15 (24)	2.98 (2)	1.51 (11)	7.64 (11)	C D E	101.1
AFX 439	4	3.64 (6)	2.54 (21)	1.38 (23)	7.56 (12)	C D E F	100.1
Vernal	2	3.45 (12)	2.74 (7)	1.36 (24)	7.55 (13)	C D E F G	100.0
6585Q	5	3.28 (19)	2.66 (9)	1.54 (7)	7.48 (14)	C D E F G	99.1
Nexgrow 6516R	4.5	3.38 (14)	2.56 (19)	1.52 (10)	7.46 (15)	C D E F G	98.8
WL341 HVXRR	4	3.43 (13)	2.59 (17)	1.39 (22)	7.42 (16)	D E F G	98.3
LG5R300	5	3.33 (18)	2.63 (13)	1.46 (15)	7.41 (17)	D E F G	98.2
WL375 HVXRR	4.6	3.34 (17)	2.63 (12)	1.41 (20)	7.37 (18)	E F G	97.5
AWS 390	3.9	3.22 (20)	2.57 (18)	1.57 (5)	7.35 (19)	E F G	97.3
Ameristand 416NT RR	4	3.36 (16)	2.56 (20)	1.40 (21)	7.32 (20)	E F G	96.9
LG4R300	4	3.36 (15)	2.47 (23)	1.42 (19)	7.25 (21)	E F G	96.1
Ameristand 446NT	4	3.16 (23)	2.63 (11)	1.46 (14)	7.25 (22)	E F G	96.0
Ameristand 518NT	5	3.16 (22)	2.47 (22)	1.53 (9)	7.16 (23)	F G	94.8
WL3441 RR	4	3.18 (21)	2.45 (24)	1.45 (17)	7.08 (24)	G	93.8
Experimental Varieties							
SW4615	5	3.74 (2)	2.60 (15)	1.53 (8)	7.87 (5)	A B C D	104.3
MEAN		3.45	2.67	1.49	7.61		
CV		6.41	7.27	7.25	5.11		
LSD (0.1)		0.27	0.24	0.13	0.47		

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.