

2023 YIELDS, UC KEARNEY ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 10/19/21

Note: Single year data should not be used to evaluate alfalfa varieties or choose alfalfa cultivars

		Cut 1	Cut 2	Cut 3	Cut 4	Cut 5	Cut 6	YEAR		% of
		7-Jun	6-Jul	4-Aug	30-Aug	4-Oct	1-Nov	TOTAL		CUF101
FD		Dry t/a								
WL 668HQ.RR	9	2.08 (1)	2.51 (2)	1.65 (1)	1.03 (1)	0.99 (1)	0.91 (1)	9.16 (1)	A	144.5
NM1705PAR	8	2.06 (3)	2.65 (1)	1.55 (3)	0.80 (6)	0.79 (6)	0.77 (2)	8.62 (2)	A B	135.9
NM1703PAR	8	2.06 (2)	2.48 (3)	1.42 (5)	0.86 (2)	0.89 (2)	0.73 (3)	8.45 (3)	A B C	133.2
Alphatec 921	9	2.05 (4)	2.46 (4)	1.57 (2)	0.75 (10)	0.73 (10)	0.66 (11)	8.24 (4)	A B C D	129.9
6829R	8	1.90 (6)	2.36 (7)	1.49 (4)	0.84 (4)	0.86 (4)	0.72 (5)	8.17 (5)	A B C D	128.8
Magna 995	9	1.79 (9)	2.37 (6)	1.33 (10)	0.85 (3)	0.89 (2)	0.70 (6)	7.94 (6)	A B C D E	125.1
Alphatec 821	8	2.04 (5)	2.39 (5)	1.42 (6)	0.66 (17)	0.70 (15)	0.64 (15)	7.85 (7)	A B C D E	123.7
NM170506PAR	7	1.79 (9)	2.33 (8)	1.17 (16)	0.79 (7)	0.80 (5)	0.69 (9)	7.57 (8)	A B C D E	119.4
AmeriStand 835NT RR	8	1.83 (8)	2.25 (11)	1.30 (11)	0.72 (13)	0.70 (14)	0.65 (13)	7.45 (9)	B C D E	117.5
Ameristand 901TS	9	1.73 (15)	2.26 (10)	1.34 (8)	0.64 (22)	0.75 (9)	0.69 (9)	7.42 (10)	B C D E	117.1
AmeriStand 803T	8	1.84 (7)	2.23 (13)	1.34 (9)	0.66 (18)	0.67 (19)	0.62 (17)	7.37 (11)	B C D E F	116.2
Highline	9	1.60 (17)	2.11 (18)	1.29 (12)	0.80 (5)	0.65 (22)	0.73 (4)	7.18 (12)	B C D E F G	113.3
SW 9813s	9	1.53 (18)	2.17 (15)	1.37 (7)	0.70 (15)	0.75 (8)	0.65 (12)	7.18 (13)	B C D E F G	113.2
NM1702PAR	7	1.62 (16)	2.25 (11)	1.21 (13)	0.71 (14)	0.71 (12)	0.65 (13)	7.16 (14)	B C D E F G	112.9
WL 656HQ	9	1.53 (18)	2.09 (19)	1.21 (13)	0.79 (8)	0.79 (6)	0.70 (7)	7.12 (15)	B C D E F G	112.3
HybriForce-4420/Wet	4	1.79 (9)	2.30 (9)	1.19 (15)	0.66 (19)	0.70 (13)	0.48 (25)	7.11 (16)	B C D E F G	112.1
SW 9812	9	1.75 (13)	2.08 (20)	1.17 (17)	0.70 (16)	0.69 (17)	0.64 (15)	7.02 (17)	B C D E F G	110.8
RRALF 9R100	9	1.50 (21)	2.13 (17)	1.16 (19)	0.76 (9)	0.73 (10)	0.60 (19)	6.88 (18)	C D E F G	108.4
RRL913T455	8	1.76 (12)	2.02 (22)	1.16 (19)	0.64 (22)	0.67 (21)	0.61 (18)	6.85 (19)	C D E F G	108.1
NM1704PAR	7	1.51 (20)	2.17 (14)	1.17 (17)	0.65 (20)	0.62 (23)	0.56 (22)	6.69 (20)	D E F G	105.5
6601N	6	1.73 (14)	2.16 (16)	1.16 (19)	0.55 (25)	0.53 (25)	0.52 (23)	6.64 (21)	D E F G	104.7
NM1701PAR	7	1.49 (22)	2.05 (21)	1.10 (22)	0.73 (11)	0.67 (19)	0.59 (21)	6.62 (22)	D E F G	104.3
Ameristand 715NT RR	7	1.44 (23)	2.02 (22)	1.09 (23)	0.65 (21)	0.69 (16)	0.51 (24)	6.40 (23)	E F G	100.9
CUF101	9	1.40 (24)	1.82 (26)	1.01 (24)	0.73 (11)	0.68 (18)	0.70 (7)	6.34 (24)	E F G	100.0
Magna 801FQ	8	1.13 (26)	1.88 (25)	0.92 (26)	0.61 (24)	0.62 (23)	0.60 (19)	5.76 (25)	F G	90.9
Ameristand 518 NT	5	1.36 (25)	1.89 (24)	1.00 (25)	0.48 (26)	0.47 (26)	0.37 (26)	5.58 (26)	G	88.0
MEAN		1.70	2.21	1.26	0.72	0.72	0.64	7.26		
CV		25.49	16.52	26.79	23.34	23.83	16.76	18.80		
LSD (0.1)		NS	NS	NS	0.20	0.21	0.13	1.65		

Trial seeded at 25 lb/acre viable seed on Hanford fine sandy loam soil at the Univ. of Calif. Kearney Agricultural Center, Parlier, 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.

*May harvest was weedy, and trimmed without harvesting for yield