

2017 Yields, El Centro Alfalfa Cultivar Trial (Trial planted 10/19/16)

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	Cut 7	Cut 8	Cut 9	Cut 10	YEAR		% of
	FD	2-Mar	30-Mar	1-May	1-Jun	29-Jun	27-Jul	24-Aug	21-Sep	19-Oct	29-Nov	TOTAL		CUF101
Released Varieties														
106T701	10	1.19 (22)	1.33 (15)	1.88 (22)	2.31 (7)	1.56 (9)	1.34 (3)	0.99 (6)	1.03 (9)	1.12 (4)	1.06 (4)	13.80 (6)	A B C D E	122.6
Fertilac 10	10	1.40 (1)	1.35 (9)	2.03 (3)	2.27 (11)	1.48 (15)	1.15 (23)	0.88 (23)	0.88 (27)	0.97 (20)	0.91 (23)	13.32 (15)	B C D E F G H	118.4
UC-Impalo	9	1.25 (10)	1.36 (7)	1.92 (15)	2.17 (26)	1.48 (14)	1.17 (21)	0.93 (18)	0.97 (19)	1.03 (14)	1.01 (6)	13.31 (16)	B C D E F G H	118.2
UC-Cibola	9	1.12 (27)	1.22 (27)	1.94 (13)	2.25 (16)	1.41 (21)	1.18 (20)	0.97 (10)	1.03 (8)	1.02 (16)	0.91 (22)	13.06 (18)	D E F G H I J	116.0
6906N	10	1.25 (8)	1.34 (10)	2.03 (2)	2.24 (20)	1.45 (20)	1.13 (26)	0.88 (24)	0.84 (30)	0.94 (21)	0.92 (21)	13.03 (19)	E F G H I J	115.8
59N49	9	1.27 (6)	1.34 (11)	1.98 (8)	2.25 (18)	1.45 (19)	1.14 (24)	0.86 (26)	0.92 (23)	0.94 (22)	0.87 (28)	13.02 (21)	E F G H I J	115.6
UC-Highline	9	1.23 (13)	1.29 (23)	2.00 (6)	2.31 (6)	1.39 (23)	1.19 (19)	0.92 (20)	0.90 (24)	0.34 (29)	0.95 (19)	12.52 (25)	H I J K	111.2
AFX 1060	10	1.01 (30)	1.27 (25)	1.86 (26)	2.26 (14)	1.69 (2)	1.21 (16)	0.92 (19)	0.95 (20)	0.39 (25)	0.89 (24)	12.46 (26)	I J K	110.7
Fertilac 11	11	1.19 (21)	1.31 (20)	1.97 (9)	2.25 (19)	1.26 (29)	1.16 (22)	0.87 (25)	0.95 (21)	0.38 (26)	0.98 (13)	12.33 (27)	J K	109.6
CUF101	9	1.16 (26)	1.17 (29)	1.82 (29)	1.97 (29)	1.23 (30)	1.06 (28)	0.85 (27)	0.88 (28)	0.33 (30)	0.79 (30)	11.26 (30)	L	100.0
Experimental Varieties														
118T816	11	1.25 (9)	1.38 (2)	1.95 (11)	2.39 (1)	1.64 (5)	1.40 (1)	1.06 (2)	1.16 (3)	1.13 (2)	1.07 (1)	14.44 (1)	A	128.3
1012T408	10	1.30 (3)	1.36 (6)	2.00 (7)	2.39 (2)	1.71 (1)	1.21 (17)	0.96 (15)	0.99 (17)	1.09 (7)	1.05 (5)	14.05 (2)	A B	124.9
1013T184	10	1.28 (4)	1.41 (1)	2.04 (1)	2.38 (4)	1.53 (11)	1.27 (5)	0.98 (8)	1.05 (5)	1.06 (10)	1.01 (10)	14.01 (3)	A B	124.4
1011T105	10	1.22 (17)	1.32 (18)	1.90 (18)	2.26 (14)	1.61 (7)	1.34 (2)	1.06 (2)	1.06 (4)	1.09 (6)	1.01 (6)	13.87 (4)	A B C	123.2
1014T549	10	1.22 (16)	1.33 (14)	1.89 (20)	2.24 (21)	1.41 (22)	1.24 (8)	1.08 (1)	1.21 (1)	1.16 (1)	1.07 (2)	13.84 (5)	A B C D	122.9
109T901	10	1.26 (7)	1.38 (3)	1.94 (14)	2.18 (25)	1.55 (10)	1.27 (4)	1.03 (5)	1.04 (7)	1.10 (5)	1.01 (8)	13.75 (7)	A B C D E	122.2
1014T552	10	1.34 (2)	1.31 (19)	1.90 (19)	2.25 (17)	1.28 (27)	1.23 (10)	1.04 (4)	1.16 (2)	1.12 (3)	1.06 (3)	13.71 (8)	A B C D E F	121.8
1014T013	10	1.23 (14)	1.37 (4)	1.94 (12)	2.31 (5)	1.52 (12)	1.23 (14)	0.93 (17)	0.99 (17)	1.05 (12)	0.98 (14)	13.54 (9)	B C D E F G	120.3
105T286	10	1.27 (5)	1.36 (5)	1.92 (16)	2.27 (10)	1.47 (17)	1.24 (9)	0.98 (9)	0.99 (16)	1.08 (9)	0.95 (18)	13.53 (10)	B C D E F G	120.2
UCExp-HD	9	1.17 (24)	1.32 (16)	1.97 (10)	2.23 (23)	1.46 (18)	1.25 (7)	0.96 (14)	1.03 (10)	1.09 (8)	1.01 (9)	13.49 (11)	B C D E F G	119.9
108T813	10	1.23 (15)	1.27 (24)	1.89 (21)	2.26 (13)	1.64 (4)	1.23 (12)	0.90 (21)	1.01 (12)	1.05 (11)	0.97 (15)	13.46 (12)	B C D E F G	119.6
1012T402	10	1.20 (19)	1.30 (22)	1.92 (17)	2.28 (9)	1.47 (16)	1.26 (6)	0.96 (13)	1.03 (11)	1.03 (15)	0.98 (12)	13.42 (13)	B C D E F G	119.2
1113T186	11	1.20 (20)	1.25 (26)	1.86 (27)	2.30 (8)	1.69 (2)	1.20 (18)	0.97 (11)	1.00 (15)	1.00 (18)	0.89 (27)	13.34 (14)	B C D E F G	118.5
1111T108	11	1.24 (12)	1.33 (13)	2.02 (4)	2.38 (3)	1.60 (8)	1.23 (12)	0.97 (11)	1.04 (6)	0.38 (27)	0.98 (11)	13.17 (17)	C D E F G H I	117.0
1114T012	11	1.17 (25)	1.31 (21)	1.86 (24)	2.20 (24)	1.35 (24)	1.22 (15)	0.98 (7)	1.00 (14)	1.04 (13)	0.89 (26)	13.03 (20)	E F G H I J	115.8
1013M185	10	1.24 (11)	1.32 (17)	2.01 (5)	2.27 (11)	1.63 (6)	1.23 (11)	0.94 (16)	0.95 (22)	0.38 (28)	0.97 (16)	12.92 (22)	F G H I J	114.8
1114T010	11	1.21 (18)	1.35 (8)	1.86 (25)	2.23 (22)	1.51 (13)	1.10 (27)	0.85 (27)	0.89 (25)	0.98 (19)	0.94 (20)	12.91 (23)	F G H I J	114.7
UC-2705	9	1.18 (23)	1.33 (12)	1.88 (23)	2.13 (27)	1.31 (26)	1.14 (25)	0.89 (22)	1.01 (12)	1.01 (17)	0.95 (17)	12.83 (24)	G H I J	114.0
UC-2671	9	1.07 (28)	1.21 (28)	1.84 (28)	2.08 (28)	1.31 (25)	1.02 (29)	0.77 (30)	0.87 (29)	0.93 (24)	0.89 (25)	12.02 (28)	K L	106.7
UC-2693	9	1.02 (29)	1.10 (30)	1.68 (30)	1.85 (30)	1.27 (28)	1.00 (30)	0.81 (29)	0.89 (25)	0.93 (23)	0.85 (29)	11.40 (29)	L	101.3
MEAN		1.21	1.31	1.92	2.24	1.48	1.20	0.94	0.99	0.91	0.96	13.16		
CV		7.22	7.15	5.40	6.74	19.73	11.04	12.09	10.19	26.31	9.58	6.24		
LSD (0.1)		0.09	0.09	0.10	0.15	NS	0.13	0.11	0.10	0.23	0.09	0.81		

Trial seeded at 25 lb/acre viable seed at Desert Research and Extension Center, Holtville, CA.

Entries followed by the same letter are not significantly different at the 10% probability level according to Fishers (protected) LSD.

FD = Fall Dormancy reported by seed companies.

