

2018 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 18-Jan	Cut 2 20-Mar	Cut 3 19-Apr	Cut 4 17-May	Cut 5 14-Jun	Cut 6 10-Jul	Cut 7 8-Aug	Cut 8 6-Sep	Cut 9 10-Oct	Cut 10 14-Nov	YEAR TOTAL	% of CUF101
	FD						Dry t/ha						
Released Varieties													
106T701	10	1.19 (22)	1.56 (4)	2.25 (1)	2.35 (1)	2.59 (3)	1.84 (2)	1.34 (5)	0.57 (6)	0.74 (9)	1.31 (7)	15.73 (2)	A B 125.1
6906N	10	1.25 (8)	1.44 (18)	2.25 (2)	2.28 (4)	2.48 (10)	1.57 (16)	1.20 (16)	0.45 (21)	0.64 (21)	1.17 (22)	14.73 (14)	B C D E F G 117.2
AFX 1060	10	1.01 (30)	1.31 (29)	2.09 (18)	2.10 (21)	2.49 (9)	1.70 (6)	1.47 (2)	0.52 (12)	0.73 (12)	1.23 (17)	14.66 (16)	C D E F G H 116.5
Fertlac 11	11	1.19 (21)	1.43 (21)	2.15 (9)	2.20 (12)	2.50 (8)	1.61 (13)	1.21 (15)	0.49 (16)	0.64 (22)	1.19 (20)	14.60 (17)	C D E F G H 116.1
Fertlac 10	10	1.40 (1)	1.50 (8)	2.12 (15)	2.23 (7)	2.40 (19)	1.46 (24)	1.03 (27)	0.44 (25)	0.63 (24)	1.13 (25)	14.35 (19)	D E F G H 114.1
UC-Highline	9	1.23 (13)	1.54 (6)	2.16 (7)	2.27 (5)	2.44 (15)	1.34 (28)	1.06 (24)	0.45 (22)	0.64 (22)	1.21 (19)	14.34 (20)	D E F G H 114.0
UC-impalo	9	1.25 (10)	1.46 (14)	2.02 (25)	2.17 (15)	2.37 (21)	1.51 (20)	1.04 (26)	0.39 (30)	0.65 (20)	1.18 (21)	14.05 (24)	F G H I J K 111.7
59N49	9	1.27 (6)	1.39 (23)	2.05 (21)	2.05 (24)	2.31 (26)	1.41 (25)	1.04 (25)	0.44 (26)	0.62 (27)	1.10 (27)	13.67 (26)	H I J K L 108.7
UC-Cibola	9	1.12 (27)	1.22 (30)	2.00 (26)	2.01 (28)	2.29 (27)	1.40 (26)	1.07 (23)	0.42 (27)	0.62 (26)	1.09 (28)	13.25 (27)	I J K L 105.3
CUF101	9	1.16 (26)	1.34 (27)	1.93 (30)	1.94 (30)	2.10 (30)	1.27 (30)	0.95 (29)	0.41 (28)	0.51 (30)	0.95 (30)	12.58 (30)	L 100.0
Experimental Varieties													
118T816	11	1.25 (9)	1.59 (1)	2.19 (4)	2.30 (3)	2.60 (2)	1.89 (1)	1.50 (1)	0.60 (1)	0.80 (3)	1.41 (3)	16.13 (1)	A 128.3
1012T402	10	1.20 (19)	1.51 (7)	2.21 (3)	2.33 (2)	2.63 (1)	1.74 (3)	1.40 (3)	0.53 (9)	0.74 (8)	1.29 (10)	15.59 (3)	A B C 124.0
1014T549	10	1.22 (16)	1.57 (3)	2.12 (16)	2.16 (17)	2.48 (10)	1.66 (11)	1.36 (4)	0.58 (2)	0.88 (1)	1.48 (1)	15.52 (4)	A B C 123.4
1011T105	10	1.22 (17)	1.58 (2)	2.12 (14)	2.19 (14)	2.48 (12)	1.73 (4)	1.33 (6)	0.55 (8)	0.87 (2)	1.35 (5)	15.42 (5)	A B C 122.6
108T813	10	1.23 (15)	1.43 (22)	2.13 (13)	2.21 (8)	2.58 (4)	1.70 (7)	1.32 (7)	0.57 (4)	0.74 (10)	1.34 (6)	15.24 (6)	A B C D 121.2
1012T408	10	1.30 (3)	1.49 (11)	2.17 (5)	2.20 (12)	2.54 (6)	1.73 (5)	1.27 (9)	0.49 (17)	0.71 (16)	1.26 (12)	15.16 (7)	A B C D E 120.5
1014T552	10	1.34 (2)	1.56 (4)	2.09 (19)	2.20 (11)	2.38 (20)	1.56 (17)	1.24 (13)	0.57 (5)	0.78 (5)	1.44 (2)	15.16 (8)	A B C D E 120.5
1111T108	11	1.24 (12)	1.46 (15)	2.15 (11)	2.14 (18)	2.50 (7)	1.67 (9)	1.27 (8)	0.56 (7)	0.78 (6)	1.29 (9)	15.06 (9)	B C D E F 119.7
1013M185	10	1.24 (11)	1.48 (13)	2.15 (10)	2.26 (6)	2.55 (5)	1.65 (12)	1.24 (12)	0.48 (18)	0.72 (15)	1.21 (18)	14.97 (10)	B C D E F 119.1
UCExp-HD	9	1.17 (24)	1.49 (9)	2.17 (6)	2.21 (9)	2.42 (18)	1.66 (10)	1.26 (11)	0.52 (10)	0.75 (7)	1.30 (8)	14.95 (11)	B C D E F 118.9
1013T184	10	1.28 (4)	1.43 (20)	2.10 (17)	2.14 (20)	2.46 (14)	1.67 (8)	1.27 (10)	0.52 (11)	0.74 (11)	1.29 (11)	14.89 (12)	B C D E F 118.4
1014T013	10	1.23 (14)	1.48 (12)	2.16 (8)	2.20 (10)	2.43 (16)	1.60 (14)	1.17 (20)	0.50 (15)	0.72 (14)	1.25 (13)	14.74 (13)	B C D E F G 117.2
109T901	10	1.26 (7)	1.45 (17)	2.05 (22)	2.03 (26)	2.31 (25)	1.57 (15)	1.23 (14)	0.58 (2)	0.80 (4)	1.40 (4)	14.68 (15)	C D E F G H 116.7
105T286	10	1.27 (5)	1.49 (10)	2.14 (12)	2.14 (19)	2.36 (22)	1.56 (18)	1.18 (17)	0.52 (13)	0.68 (19)	1.23 (15)	14.57 (18)	C D E F G H 115.9
UC-2705	9	1.18 (23)	1.45 (16)	2.03 (24)	2.16 (16)	2.42 (17)	1.51 (21)	1.10 (22)	0.48 (20)	0.70 (17)	1.23 (16)	14.25 (21)	D E F G H I 113.3
1113T186	11	1.20 (20)	1.38 (24)	2.05 (23)	2.02 (27)	2.31 (24)	1.53 (19)	1.18 (19)	0.50 (14)	0.73 (13)	1.24 (14)	14.13 (22)	E F G H I J 112.4
1114T010	11	1.21 (18)	1.37 (25)	2.08 (20)	2.06 (23)	2.48 (13)	1.50 (22)	1.18 (18)	0.45 (23)	0.61 (28)	1.14 (24)	14.08 (23)	F G H I J 112.0
1114T012	11	1.17 (25)	1.44 (18)	1.99 (27)	2.04 (25)	2.21 (29)	1.47 (23)	1.15 (21)	0.48 (19)	0.69 (18)	1.15 (23)	13.79 (25)	G H I J K 109.6
UC-2671	9	1.07 (28)	1.35 (26)	1.94 (29)	2.10 (22)	2.27 (28)	1.37 (27)	0.97 (28)	0.41 (29)	0.60 (29)	1.06 (29)	13.14 (28)	J K L 104.5
UC-2693	9	1.02 (29)	1.34 (28)	1.96 (28)	1.95 (29)	2.32 (23)	1.34 (29)	0.90 (30)	0.44 (24)	0.63 (25)	1.12 (26)	13.02 (29)	K L 103.5
MEAN		1.21	1.45	2.10	2.15	2.42	1.57	1.20	0.50	0.70	1.23	14.55	
CV		7.22	8.30	7.38	10.38	10.43	12.27	13.54	12.54	12.53	7.11	7.26	
LSD (0.1)		0.09	0.12	0.15	NS	0.25	0.19	0.16	0.06	0.09	0.09	1.04	

Trial seeded at 25 lb/acre viable seed on Yolo clay loam soil at the Univ. of California Agronomy Farm, Davis, 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.