

2021 YIELDS, USDA ARS PARLIER ALFALFA CULTIVAR TRIAL. TRIAL PLANTED 3/10/20

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	YEAR		% of
		25-Mar	29-Apr	3-Jun	8-Jul	12-Aug	17-Sep	21-Oct	29-Nov	TOTAL		CUF 101
	FD					Dry t/a						
Released Varieties												
SW9812	9	2.25 (3)	1.92 (1)	2.33 (4)	2.58 (3)	2.03 (2)	1.88 (1)	1.21 (3)	0.76 (3)	14.96 (1)	A	106.5
Desert Rose	8	2.07 (8)	1.74 (7)	2.44 (1)	2.81 (2)	1.94 (4)	1.67 (5)	1.15 (8)	0.71 (6)	14.52 (2)	A B	103.3
SW8421RRS	8	2.03 (9)	1.52 (17)	2.38 (2)	2.85 (1)	1.86 (6)	1.63 (7)	1.21 (4)	0.74 (4)	14.23 (3)	A B C	101.3
SW9813	9	2.29 (1)	1.77 (3)	2.31 (5)	2.22 (8)	1.78 (10)	1.84 (3)	1.19 (6)	0.77 (2)	14.16 (4)	A B C	100.8
CUF 101	9	2.10 (7)	1.76 (5)	2.26 (9)	2.14 (10)	2.04 (1)	1.85 (2)	1.21 (2)	0.69 (8)	14.05 (5)	A B C D	100.0
SW8421-S	8	2.00 (11)	1.65 (15)	2.27 (8)	2.24 (7)	1.68 (12)	1.61 (8)	1.41 (1)	0.78 (1)	13.64 (6)	A B C D E	97.1
Super Sonic	9	2.27 (2)	1.72 (9)	2.29 (6)	2.27 (6)	1.78 (9)	1.43 (14)	0.94 (17)	0.61 (15)	13.31 (7)	B C D E F	94.7
AFX779	7	1.64 (19)	1.69 (10)	2.36 (3)	2.40 (4)	1.84 (7)	1.64 (6)	1.15 (7)	0.59 (16)	13.31 (8)	B C D E F	94.7
SW88-304	8	2.18 (4)	1.66 (14)	2.29 (7)	1.87 (14)	1.94 (3)	1.53 (10)	1.14 (9)	0.65 (11)	13.25 (9)	B C D E F	94.3
715RR	7	1.68 (18)	1.67 (12)	2.18 (11)	2.32 (5)	1.93 (5)	1.53 (12)	1.20 (5)	0.58 (17)	13.09 (10)	B C D E F	93.2
UC Highline	9	1.92 (14)	1.67 (13)	2.15 (12)	2.18 (9)	1.72 (11)	1.39 (16)	1.02 (14)	0.69 (7)	12.74 (11)	C D E F	90.7
SW9215RRS	9	2.16 (6)	1.67 (11)	2.24 (10)	1.74 (15)	1.64 (14)	1.53 (11)	1.00 (16)	0.73 (5)	12.71 (12)	C D E F	90.5
UC Cibola	9	1.80 (16)	1.72 (8)	2.13 (13)	2.14 (11)	1.64 (16)	1.54 (9)	1.11 (12)	0.63 (14)	12.71 (13)	C D E F	90.4
HVX840RR	8	1.92 (15)	1.76 (4)	2.02 (15)	1.91 (13)	1.64 (15)	1.68 (4)	1.00 (15)	0.64 (13)	12.57 (14)	D E F	89.4
SW10	10	1.93 (13)	1.80 (2)	2.07 (14)	1.59 (18)	1.67 (13)	1.40 (15)	1.12 (11)	0.68 (9)	12.26 (15)	E F	87.3
UC Impalo	9	2.17 (5)	1.59 (16)	1.95 (17)	1.61 (17)	1.60 (17)	1.48 (13)	1.12 (10)	0.66 (10)	12.17 (16)	E F	86.6
Magna 905	9	2.00 (10)	1.45 (19)	1.94 (18)	1.98 (12)	1.59 (18)	1.38 (17)	1.06 (13)	0.64 (12)	12.05 (17)	E F	85.8
Experimental Varieties												
98218	8	1.96 (12)	1.74 (6)	2.00 (16)	1.62 (16)	1.80 (8)	1.28 (18)	0.93 (18)	0.53 (18)	11.86 (18)	F	84.4
UC 2705	9	1.69 (17)	1.47 (18)	1.78 (19)	1.48 (19)	1.24 (20)	0.94 (19)	0.67 (19)	0.43 (19)	9.70 (19)	G	69.1
UC 2693	9	1.45 (20)	0.95 (20)	0.95 (20)	1.26 (20)	1.47 (19)	0.58 (20)	0.42 (20)	0.23 (20)	7.30 (20)	H	52.0
MEAN		1.98	1.65	2.12	2.06	1.74	1.49	1.06	0.64	12.73		
CV		14.80	14.01	12.94	25.47	17.37	15.80	19.85	19.48	10.23		
LSD (0.1)		0.36	0.28	0.34	0.64	0.37	0.29	0.26	0.15	1.59		

Trial seeded at 25 lb/acre viable seed at San Joaquin Valley Agricultural Sciences 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.