

2011 YIELDS, WSREC ALFALFA SALINITY TRIAL. TRIAL PLANTED 10/27/09

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	YEAR		% of
	FD	19-Apr	23-May	5-Jul	22-Jul	18-Aug	20-Sep	20-Oct	TOTAL		CUF10'
		Dry t/a									%
Released Varieties											
WL 656HQ	9	2.0 (1)	2.8 (2)	2.2 (3)	2.5 (3)	1.7 (1)	1.5 (2)	1.2 (2)	13.9 (1)	A	112.2
SW 9215	9	1.8 (8)	2.6 (6)	2.5 (1)	2.5 (8)	1.7 (2)	1.5 (1)	1.2 (3)	13.8 (2)	A	111.7
Ameristand 901STQ	9	1.9 (6)	2.6 (7)	2.1 (7)	2.6 (1)	1.6 (4)	1.5 (3)	1.1 (5)	13.4 (5)	A B C D	108.3
Hybriforce 800	8	1.9 (4)	2.8 (1)	2.2 (4)	2.4 (9)	1.6 (7)	1.4 (8)	1.1 (9)	13.3 (6)	A B C D E	107.9
Magna 995	9	1.8 (10)	2.6 (8)	2.0 (11)	2.5 (5)	1.5 (9)	1.3 (10)	1.1 (13)	12.8 (10)	A B C D E F G H	103.7
CUF101	9	1.6 (20)	2.4 (19)	2.0 (13)	2.3 (11)	1.5 (10)	1.4 (7)	1.1 (12)	12.4 (12)	B C D E F G H	100.0
Highline	9	1.7 (13)	2.5 (10)	2.0 (13)	2.2 (15)	1.5 (11)	1.3 (14)	1.0 (18)	12.3 (13)	C D E F G H I	99.2
SW 9803	9	1.8 (11)	2.5 (16)	1.9 (22)	2.2 (12)	1.4 (21)	1.3 (16)	1.1 (14)	12.1 (14)	C D E F G H I	98.2
CW 585	8	1.6 (18)	2.5 (18)	2.0 (18)	2.2 (17)	1.4 (14)	1.3 (13)	1.1 (6)	12.1 (15)	C D E F G H I	98.0
CW 95	9	1.7 (14)	2.5 (13)	2.0 (17)	2.2 (18)	1.4 (19)	1.3 (17)	1.0 (16)	12.0 (16)	D E F G H I	97.2
CW 485	8	1.7 (16)	2.5 (17)	1.9 (21)	2.2 (16)	1.4 (15)	1.2 (18)	1.0 (23)	11.9 (17)	E F G H I	96.4
CW 8028	8	1.6 (24)	2.5 (14)	2.0 (16)	2.2 (13)	1.4 (16)	1.2 (19)	1.0 (21)	11.9 (18)	F G H I	96.1
Integra 8900	9	1.7 (17)	2.5 (15)	2.0 (15)	2.1 (22)	1.4 (18)	1.2 (21)	1.0 (22)	11.8 (19)	F G H I	95.4
Medina	8.5	1.6 (19)	2.4 (23)	1.8 (24)	2.1 (20)	1.4 (20)	1.3 (15)	1.0 (19)	11.7 (20)	F G H I	94.7
BAR 9242	8.5	1.6 (23)	2.4 (22)	2.1 (10)	2.1 (19)	1.4 (17)	1.1 (23)	0.9 (24)	11.7 (21)	G H I	94.4
AmeriStand 803	8	1.6 (22)	2.4 (24)	2.0 (19)	2.1 (21)	1.3 (23)	1.2 (20)	1.0 (17)	11.6 (22)	G H I	93.7
GrandSlam	8	1.5 (25)	2.3 (25)	1.8 (25)	2.0 (25)	1.2 (25)	1.1 (25)	1.0 (20)	10.9 (25)	I	88.4
Experimental Varieties											
FG 94T02	9	2.0 (3)	2.7 (3)	2.3 (2)	2.5 (5)	1.7 (2)	1.4 (4)	1.2 (4)	13.7 (3)	A B	111.0
FG 96T706	9	2.0 (2)	2.7 (5)	2.2 (5)	2.5 (7)	1.6 (5)	1.4 (6)	1.2 (1)	13.5 (4)	A B C	109.2
SW9812	9	1.9 (5)	2.7 (4)	2.2 (6)	2.5 (2)	1.5 (12)	1.3 (12)	1.1 (8)	13.1 (7)	A B C D E F	106.2
DS593	9	1.8 (12)	2.5 (9)	2.0 (12)	2.5 (4)	1.5 (8)	1.4 (5)	1.1 (7)	12.9 (8)	A B C D E F G	104.4
FG 96T707	9	1.9 (7)	2.5 (12)	2.1 (8)	2.3 (10)	1.6 (6)	1.4 (8)	1.1 (10)	12.8 (9)	A B C D E F G H	103.9
UC 452	9	1.8 (9)	2.5 (11)	2.1 (9)	2.2 (14)	1.5 (13)	1.3 (11)	1.1 (11)	12.5 (11)	A B C D E F G H	100.9
DS077661	8	1.6 (21)	2.4 (21)	2.0 (20)	2.0 (23)	1.3 (22)	1.2 (22)	0.9 (24)	11.5 (23)	H I	92.8
DS067092	8	1.7 (15)	2.4 (20)	1.9 (23)	2.0 (24)	1.2 (24)	1.1 (24)	1.0 (15)	11.4 (24)	H I	92.5
MEAN		1.75	2.53	2.05	2.28	1.47	1.31	1.06	12.44		
CV		13.9	10.8	11.4	12.9	19.6	14.6	14.1	11.6		
LSD (0.1)		0.24	NS	0.23	0.29	NS	0.19	0.15	1.43		

Trial seeded at 25 lb/acre viable seed at WSREC, Five Points, 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.