

Aberystwyth University

Achieving hybridisation between Miscanthus species

Awty-Carroll, Danny; Iurato, Antonella; Scordia, Danilo; Schwarz, Kai Uwe; Scalici, Giovanni; Robson, Paul; Mos, Michal; Webster, Richard; Cosentino, Salvatore; Clifton-Brown, John; Shafiei, Reza

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tel: +44 1970 62 2400
email: is@aber.ac.uk

Supplemental table 1: Analysis of the seed produced by Trial 1 in the second year. Up to two plants per replicate have been averaged depending on survival.

Ratio	Weight (mg)			Length (mm)			Width (mm)			Seed Area (mm ²)		
	Mean	±	SE	Mean	±	SE	Mean	±	SE	Mean	±	SE
1st year												
1.5:1	0.87	±	0.13	2.17	±	0.13	0.90	±	0.05	1.70	±	0.15
2:1	1.01	±	0.05	2.30	±	0.00	0.93	±	0.03	1.85	±	0.05
2.5:1	0.97	±	0.06	2.28	±	0.08	0.90	±	0.00	1.82	±	0.08
3:1	0.95	±	0.01	2.28	±	0.03	0.90	±	0.00	1.80	±	0.00

†Trail a plant seed data for 2017. HSD shown when significant. (n = 2)

Supplemental table 2: The seed analysis for 2 years of the two-factor trial c.

Main treatment	Year Sub treatment	Weight (mg)			Width (mm)			Length (mm)			Seed Area (mm ²)						
		Mean	±	SE	Mean	±	SE	Mean	±	SE	Mean	±	SE				
3rd year																	
Misting	Nitrogen																
Control	Control	1.05	±	0.03	<i>b-a</i>	0.94	±	0.02	<i>b-</i>	2.36	±	0.03	<i>b-</i>	1.93	±	0.03	<i>c-</i>
Control	Low	0.88	±	0.01	<i>b-b</i>	0.89	±	0.01	<i>b-</i>	2.24	±	0.01	<i>b-</i>	1.74	±	0.02	<i>c-</i>
Control	High	1.03	±	0.03	<i>b-b</i>	0.98	±	0.02	<i>b-</i>	2.35	±	0.03	<i>b-</i>	1.93	±	0.04	<i>c-</i>
Ground mist	Control	1.07	±	0.04	<i>b-a</i>	0.98	±	0.02	<i>a-</i>	2.35	±	0.02	<i>b-</i>	1.95	±	0.05	<i>b-</i>
Ground mist	Low	1.08	±	0.03	<i>b-b</i>	0.98	±	0.01	<i>a-</i>	2.36	±	0.02	<i>b-</i>	1.98	±	0.03	<i>b-</i>
Ground mist	High	0.96	±	0.03	<i>b-b</i>	0.95	±	0.01	<i>a-</i>	2.30	±	0.04	<i>b-</i>	1.88	±	0.05	<i>b-</i>
3m mist	Control	1.14	±	0.01	<i>a-a</i>	0.98	±	0.01	<i>a-</i>	2.40	±	0.02	<i>a-</i>	2.01	±	0.02	<i>a-</i>
3m mist	Low	1.10	±	0.03	<i>a-b</i>	0.98	±	0.02	<i>a-</i>	2.42	±	0.02	<i>a-</i>	2.04	±	0.02	<i>a-</i>
3m mist	High	1.05	±	0.07	<i>a-b</i>	0.98	±	0.01	<i>a-</i>	2.39	±	0.01	<i>a-</i>	2.02	±	0.02	<i>a-</i>
4th year																	
Drought	Nitrogen																
Control	Control	0.99	±	0.05		0.88	±	0.03		2.17	±	0.05		1.65	±	0.03	
Control	Low	1.00	±	0.00		0.88	±	0.03		2.20	±	0.00		1.65	±	0.03	
Control	High	1.01	±	0.03		0.88	±	0.03		2.18	±	0.03		1.68	±	0.06	
50%	Control	0.91	±	0.05		0.88	±	0.03		2.12	±	0.05		1.55	±	0.06	
50%	Low	1.08	±	0.03		0.90	±	0.00		2.28	±	0.03		1.82	±	0.05	
50%	High	1.03	±	0.05		0.90	±	0.00		2.22	±	0.05		1.72	±	0.03	
25%	Control	1.14	±	0.03		0.93	±	0.03		2.25	±	0.03		1.78	±	0.03	
25%	Low	1.06	±	0.03		0.90	±	0.00		2.25	±	0.03		1.75	±	0.05	
25%	High	0.95	±	0.03		0.85	±	0.03		2.18	±	0.03		1.60	±	0.04	

† Seed results from Trial c for years 2017 & 2018. LSD shown when significant, first and second factor separated with a dash. (n = 3)