Table S1. Three-way ANOVA table

		Stem length			Productivity			Shoot number			Dry Weight			Fresh Weight			RGR			Water Percentage	
		Mean	S.D.		Mean	S.D.		Mean	S.D.		Mean	S.D.		Mean	S.D.		Mean	S.D.		Mean	S.D.
Culture medium (M)	MS Total (N=192)	**6.33**	**2.51**	b	**55.12**	**29.36**	b	**8.46**	**2.42**	b	**0.04**	**0.03**	b	**0.34**	**0.24**	b	**0.038**	**0.026**	b	84.90	14.74
	MSM Total (N=200)	5.52	2.25	a	**49.84**	**31.67**	ab	**8.76**	**3.74**	b	0.03	0.02	a	0.28	0.18	a	0.031	0.024	a	85.46	14.52
	G Total(N=200)	**5.91**	**2.64**	ab	43.54	25.58	a	7.33	2.77	a	**0.04**	**0.03**	b	**0.34**	**0.23**	b	**0.038**	**0.025**	b	86.47	10.06
System (S)	Solid Total (N=300)	**6.60**	2.69		**54.31**	28.76		8.23	2.91		0.04	0.03		**0.33**	0.19		**0.038**	0.025		**87.04**	10.74
	TIS Total (N=292)	5.21	2.04		44.40	29.06		8.12	3.28		0.04	0.03		0.30	0.24		0.034	0.026		84.17	15.31
Variety (V)	Criolla Total (N=300)	**7.02**	2.46		**51.78**	26.32		7.18	2.18		**0.05**	0.03		**0.40**	0.24		**0.040**	0.026		**87.23**	9.19
	Morita Total (N=292)	4.77	1.95		47.00	31.95		**9.21**	3.53		0.03	0.02		0.23	0.16		0.031	0.024		83.97	16.27
Three-way ANOVA (general linear model) (p-valor)																					
Levene Test		0.000			0.000			0.000			0.000			0.000			0.168			0.000	
Main Effects																					
Effect of Medium (M)		**0.002**			**0.001**			**0.000**			**0.001**			**0.002**			**0.008**			0.373	
Effect of System (S)		**0.000**			**0.000**			0.537			0.132			**0.012**			**0.039**			**0.004**	
Effect of Variety (V)		**0.000**			**0.022**			**0.000**			**0.000**			**0.000**			**0.000**			**0.001**	
Interactions																					
(M x S)		**0.000**			**0.000**			**0.000**			0.165			0.767			0.272			0.763	
(M x V)		**0.001**			**0.000**			**0.000**			**0.000**			**0.024**			**0.001**			0.092	
(S x V)		**0.001**			0.842			**0.001**			0.846			**0.000**			0.507			**0.000**	
(M x S x V)		0.107			0.133			0.073			**0.038**			**0.002**			0.185			**0.004**	
One-way ANOVA (general linear model) (p-valor)																					
Effect of combined treatments (VxSxM)		**0.000**			**0.000**			**0.000**			**0.000**			**0.000**			**0.000**			**0.000**	

ANOVA. In the same variable, similar letters indicate differences statistically non-significant according to the Tukey non parametric test (HSD). Significant Effect (p < 0.05) in **bold**.