



Article

In Vitro Establishment of 'Delite' Rabbiteye Blueberry Microshoots

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Supplementary materials

Table S1. Number of explants evaluated after contamination in experiment 1 in each of the treatments (cytokinin type by concentration) on initial in vitro shoot culture of 'Delite' rabbiteye blueberry. Abbreviation: n^o (number).

Number of explants evaluated in each treatment (n ^o)							
Cytokinin	Concentration						
	2.5 μ M	5 μ M	10 μ M	20 μ M	30 μ M	40 μ M	50 μ M
ZEA	37	35	39	39	39	39	40
2iP	38	38	38	38	37	36	40
BAP	37	38	37	39	39	39	39
KIN	38	38	40	39	40	37	39

Table S2. Results of the two-way ANOVA of experiment 1 studying the influence of cytokinin type and concentration on survival (%), shoot formation (%), number of shoots (n^o), length of shoot (mm) and number of leaves (n^o) on initial in vitro shoot culture of 'Delite' rabbiteye blueberry. Abbreviations: CV: coefficient of variation; DF, degrees of freedom; SS, sum of squares; MS, mean squares.

Evaluation	Source	DF	SS	MS	F ratio	p-value
Survival	Cytokinin type	3	1,255.80	418.60	343.45	<0.0001
	Cytokinin concentration	6	77.44	12.91	10.59	----
	Interaction (type X concentration)	18	57.01	3.17	2.60	0.0018
	Error	84	102.38	1.22		
CV (%): 16.2%	Total	111	1,492.63			
Shoot formation	Cytokinin type	3	1,634.83	544.94	956.68	<0.0001
	Cytokinin concentration	6	157.89	26.32	46.20	----
	Interaction (type X concentration)	18	230.77	12.82	22.51	<0.0001
	Error	84	47.85	0.57		
CV (%): 18.9%	Total	111	2,071.34			
Number of shoots	Cytokinin type	3	20.13	6.71	150.13	<0.0001
	Cytokinin concentration	6	3.54	0.59	13.19	----
	Interaction (type X concentration)	18	4.81	0.27	5.98	<0.0001
	Error	84	3.76	0.04		
CV (%): 35.5%	Total	111	32.24			
Shoot length	Cytokinin type	3	97.97	32.66	250.76	<0.0001
	Cytokinin concentration	6	4.50	0.75	5.76	----
	Interaction (type X concentration)	18	32.14	1.79	13.71	<0.0001
	Error	84	10.94	0.13		
CV (%): 31.9%	Total	111	145.56			
Number of leaves	Cytokinin type	3	122.86	40.95	424.80	<0.0001
	Cytokinin concentration	6	6.49	1.08	11.22	----
	Interaction (type X concentration)	18	20.75	1.15	11.95	<0.0001
	Error	84	8.10	0.10		
CV (%): 27.3%	Total	111	158.20			