

Table 1. Culture media for propagation via SE of cacao genotype *CCN51*.

Composition	Initiation	Multiplication		Maturation		Germination	
	INDI ¹	INDIexp ²	CM2 ³	EM2 ⁴	EM2	MM6 ⁵	MM6
Macronutrients	DKW ⁶	DKW	MS ⁷	MS	MS	½ MS	½ MS
Micronutrients	DKW	DKW	DKW	DKW	DKW	DKW	DKW
Vitamins (mgL-1)							
Myo-inositol	100	100	100	100	100	100	100
Nicotinic acid	1	1	1	1	1	1	1
Thiamine	2	2	2	2	2	2	2
Amino Acids (mgL-1)							
Glycine	0.19	0.19	2	2	2	2	2
L-lysine	0.45	0.45					
L-leucine	0.32	0.32					
L-arginine	0.43	0.43					
L-tryptophan	0.51	0.51					
Growth Regulators (mgL-1)							
2,4,5-Trichlorophenoxyacetic acid(2,4,5-T)			1				
2,4-Dichlorophenoxyacetic acid (2,4-D)	1						
Naphthaleneacetic acid (NAA)						0.01	0.01
Kinetin (KIN)	0,25						
Adenine			0.25				
Gibberellic acid (GA ₃)						0.02	0.02
Others (g L-1)							
Activated carbon						1	1
Glucose	30	30	60			40	40
Sucrose				40	40		
Gellex™	3	3	3	3	3	4,1	4,1
PH	5.8	5.8	5.8	5.8	5.8	5.8	5.8

^{1,2} Fontanel et al. (1) culture medium with aminoacids reported by Traore (2) and glycine by Henao et al. (3); Fontanel et al. (1) culture medium with sucrose concentration reported by Garcia et al. (4) and modified by Henao et al. (3);

References

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2. Traore A. Somatic embryogenesis, embryo conversion, micropropagation and factors affecting genetic transformation.pdf. Pennsylvania State University; 2000.
3. Henao A, De-La-Hoz T, Ospina T, Atehortúa L, Urrea A. Evaluation of the potential of regeneration of different Colombian and commercial genotypes of cocoa (*Theobroma cacao* L.) via somatic embryogenesis. *Sci Hortic (Amsterdam)* [Internet]. 2018;229:148–56. Available from: <http://dx.doi.org/10.1016/j.scienta.2017.10.040>
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