



Almidón de papa, agente gelificante alternativo en medios de cultivo para propagación in-vitro de lulo *Solanum quitoense* Lam. [

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text (article)

Analítica

Plant tissue culture is a widely technique used in propagation, being a disadvantage the high cost of the culture media used specially that of the agar, that represents a high percentage of costs. In this work, we evaluated the partial replacement of agar for potato starch of Diacol Capiro variety, in proportions of 50, 45 and 40% in culture media for lulo micropropagation *Solanum quitoense* Lam. It was observed a decrease of media consistency with an increment of potato starch. Statistical significance was found in the length of the explants, getting the best result with a gelled mix of 60-40 (agar-potato starch); other variables analyzed were not statistically significant. Finally it is concluded that potato starch can be a potential substitute as a gelling agent for vegetative propagation of lulo in media cultures

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