

Isolation and regeneration of protoplasts from the mycelium of *Fusarium pallidroseum* – a potential biocontrol agent of water hyacinth [*Eichhornia crassipes* (Mart.) Solms]

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Abstract

A protocol for isolation of protoplast from the mycelium of *Fusarium pallidroseum*, a potential biocontrol agent of water hyacinth, was standardized. Stable and more medium sized protoplasts were obtained from 18 h old mycelium at 3 h after incubation, using 80 mg of lytic enzyme from *Trichoderma harzianum*, in 4 ml of 0.01 M citrate buffer (pH 5.85) containing 0.6 M KCl and 5 mM DTT. The protoplasts were regenerated in the regeneration medium.

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