

عنوان مقاله:

CELLULASE ENZYMES PRODUCTION FROM PISTACHIO HULL BY DIFFERENT STRAINS OF TRICHODERMA FUNGI

محل انتشار:

اولین کنفرانس بین المللی ایده های نو در کشاورزی (سال: 1392)

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خلاصه مقاله:

Six strain of Trichoderma (T. viride, T. harzianum, T. reesei, T. longibrachiatum, Trichoderma spp.135 and Trichoderma spp.64) were isolated and used for extracellular enzyme production. By product of Pistachio was used to enzyme production and extracellular protein production and endo-glucanase, exoglucanase, β -glucosidase and FPase activity was investigated. T. harzianum produces high levels of endo-glucanase, Exoglucanase and total cellulase, which can be further improved by controlled culture conditions. This strain can be a good candidate for obtaining cellulases from lignocellulosic by products of pistachio hull

کلمات کلیدی:

Trichoderma spp., Pistachio hull, cellulase, enzyme activity

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