

## A Study on the Cultural Condition of *Pleurotus ferulae*(II)

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### Abstract

This Study was carried out to investigate mycelial growth and Exo-polysaccharide production by *Pleurotus ferulae* in submerged culture. Previously, the current authors reported on the optimal pH, temperature, inoculum amount, effect of time course of *Pleurotus ferulae*. Under optimal cultural conditions in shaking culture, the optimal surface aeration and rotating speed were 50 mL and 100 rpm, respectively. The optimal agitation and aeration in 5 L jar fermenter were 100 rpm and 1.5 v.v.m, respectively.