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Growth of *Trichoderma viride* on bean (*Phaseolus*) pod solid basal medium

F. I. Okungbowa and A. Z. Ogbimi

Department of Botany, University of Benin, P.M.B. 1154, Benin City, Nigeria.
E-mail: fiokun2002@yahoo.com

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ABSTRACT

***Trichoderma viride* Pers. isolated from soil was grown on two different solid media (Potato Dextrose Agar, PDA, and Bean (*Phaseolus*) Pod Agar, BPA) impregnated separately with three nitrogen sources at room temperature (29±2 C). Growth rate was determined from the radial growth of the fungus on Petri dishes. There was no significant difference between radial growth of *T. viride* on PDA and BPA supplemented with magnesium sulphate and sodium nitrate ($p<0.05\%$). The fungus did not grow on BPA supplemented with sodium nitrite, whereas growth of the organism was observed on PDA treated likewise. Growth of the fungus on ammonium-treated BPA was comparable to the control, while no growth was noticed on PDA. On the whole, the growth of *T. viride* on BPA compared well with that on PDA ($p< 0.05\%$). This is an indication of the possible use of bean pod as a carrier medium for *T. viride* in biocontrol programmes.**

Key words: *Trichoderma viride*, mycelial growth, basal medium.