**Efektifitas Penggunaan Media Alternatif pengganti Murashige dan Skoog (MS) pada Kultur *in-Vitro* Iles-iles (*Amorphophallus muelleri* B).** Effective use an alternative media replacement Murashige and Skoog (MS) in Culture *in-Vitro* Iles-iles (*Amorphophallus muelleri* B).

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## *ABSTRACT*

*Iles-iles (A.muelleri B)is a plant source of high fiber nutrient and it has a great potential to be developed. This nourishment can be used as food and industrial. The problem that arise in the cultivation of iles-iles are seeds(bulbil) can not be obtained because of the emergence of bulbil in conjunction when harvesting iles-iles, seedling are not uniform and can only be cultivated in the raring season. This Research was carried out in November 2013 - April 2014 at laboratory of Biosain State Polytechnic Of Jember. The reseach was compiled using CRD (Completely Random Design) with two factors first factor was types of media and second factor was different as in hormone concentrations(BAP) The purpose of this study is to find the alternative media as a substitute of M.S media. The result of the research showed that the treatment of the types of media influence on the development of iles-iles, but not for the treatment of hormone consentrations (BAP). The results also indicate that there is no interactive between the types of media and difference of hormone concentrations. Therefore further experiments needs to be investigated to find the substitute media of MS.*

***Key words:*** *Culture In-vitro, Iles-iles, Alternatif media, PPC, BAP.*