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Influence of Fish Feed Containing Corn-Cob Was Fermented By *Trichoderma Sp*, *Aspergillus Sp*, *Rhizopus Oligosporus* To The Rate of Growth of Java Barb (*Puntius Gonionitus*)

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Abstract

The purpose of this research is to obtain the best formulation of corn-cob fermented by *Trichoderma viridae*, *Trichoderma reesei*, *Aspergillus oryzae*, *Rhizopus oligosporus* as material feed for java barb to enhance the growth rate of the fish.

This research had been conducted in the Laboratory of Nutrition and Feed, Faculty of Husbandry, and Wet Laboratorium, Faculty of Fisheries and Marine Science, all of Padjadjaran University. Research design applied use Completely Randomized Design, 6 treatments and 3 times replication.

The conclusion of feeding trial to java barb shown that the highest growth is found at 5 % corncob fermentation fish feed, while the highest growth rate and the lowest fish feed conversion were found in more than 5 %.

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Keywords: corncob, fermentation, protein level, fiber level, growth rate of java barb

1. Introduction

In Indonesia, corn-cob (agriculture waste) estimated to reaching 2 million tons per year, but its exploiting still a rare, only as component of feed cow and sheep. As component of feed, need to be added other material

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