

**THE UTILIZATION OF RICE FLOUR WASTE AS A CORN
SUBSTITUTION TO DIGESTIBLE CRUDE FIBER
AND ORGANIC SUBSTANCE
OF MALE BROILER**

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ABSTRACT

This research aims to determine the effect of rice flour waste as corn substitution to digestible crude fiber and organic substance of male broiler. The experimental animals that used in this research are 20 day old chick (DOC) of male broiler. During the experiment chick are fed 511 feed for starter phase and mixed feed (corn, concentrate, brain dan rice flour waste) for finisher phase. Rice flour waste added with different amount (0%, 10%, 20%, 30% from corn amount) which given 3 until 4 week old. Collecting data are done in fifth week consisting consumption data, feces weight, the digestible of dry substance and organic substance. This research a used ANOVA with four experiment and five replication, with Duncan's test continued if there are significantly different. The result of this research showed that the utilize of rice flour waste as corn substitution has a significantly effect to digestible crude fiber and organic substance of male broiler, the added of rice flour waste until 20% can increased the digestibility of crude fiber, but in 30% added of rice flour waste are decrease the digestibility of crude fiber. The use rice flour waste as corn substitution until 30% not showed a significantly different about the digestibility of organic substance of male broiler.

Keywords : rice flour waste, crude fiber, organic substance, male broiler.