

The Effect of Monk Fruit (*Siraitia grosvenorii*) Flour on Broiler Chicken Performance

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ABSTRACT

*The purpose of this study was to determine the effect of monk fruit flour (*Siraitia grosvenorii*) on the performance of broiler chickens. This study was conducted from November to December 2023 at a broiler chicken farm in Antirogo District, Jember Regency. This study used a Completely Randomized Design with 5 treatments and each treatment was repeated 4 times. The percentage of monk fruit flour in feed is as follows, P0: treatment without monk fruit flour; P1: treatment with 0.5% monk fruit flour; P2: treatment with 1% monk fruit flour; P3: treatment with 1.5% monk fruit flour; and P4: treatment with 2% monk fruit flour. Data analysis used in this study was analysis of Variance (ANNOVA) with a test level of 5% which was tested using SPSS. If there is a significant difference, further testing will be carried out with Duncan Mulitple Range Test (DMRT). The results of this study indicate that the administration of monk fruit flour up to 2% does not have a negative effect but has not been able to improve the performance of broiler chickens.*

Keywords: *broiler chicken, monk fruit, performance*