

**THE POTENTIAL OF MENIRAN (*Phyllanthus Niruri* LINN) EXTRACT
FORWARDS THE FEED CONVERSION RATIO ON LAYING HENS
THAT INFECTED *Escherichia coli* BACTERIA.**

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ABSTRACT

This research aims to know the potential to extract meniran (*Phyllanthus niruri* Linn) against the feed conversion ratio on laying hens that infect bacteria *Escherichia coli*. The experimental animal used were the laying hens aged 26 weeks as many as 25 tails. P0-treatment was not given the meniran extract and infect the *Escherichia coli*, P0 + treatment was infection by *Escherichia coli* bacteria as much as 1 ml/kgBB/IM but not given the meniran extract, P1 treatment was infected by *Escherichia coli* bacteria as many as 1 ml/kgBB/IM and given a meniran extract 10% as much as 1 ml/kgBB/days/oral, P2 treatment was infected by *Escherichia coli* bacteria as many as 1 ml/kgBB/IM and given a meniran extract 20% as much as 1 ml/kgBB/days/oral, P3 treatment was infected by *Escherichia coli* bacteria as many as 1 ml/kgBB/IM and given a meniran extract 30% as much as 1 ml/kgBB/days/oral. The research conducted over the past two weeks to calculate consumption of feed and egg production. The research conducted over two weeks. Every end of week consumption of feed and egg production were calculated, then in the last week of feed conversion ratio was calculated by dividing consumption feed by egg production. The result was analyzed with *Analysis of Variance* (ANOVA) and followed by *Duncan's Multiple Range Test* (DMRT). The results of the research potential of the meniran extract of *Escherichia coli* bacterial infection can increase egg production but not increase consumption of feed, and lower feed conversion ratio ($p < 0.01$).

Keywords: *Escherichia coli*, Extract Meniran (*Phyllanthus niruri* Linn), Feed Consumption, Egg Production, Feed Conversion Ratio