

## **EFFECT OF SEMICONDUCTOR LASERPUNCTURE SHOOTING DOSE ON FEED CONVERSION RATIO OF *BROILER* CHICKEN**

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### **ABSTRACT**

The aim of this research is to find out the effective dose of semiconductor laserpuncture shooting to decrease feed conversion ratio of *broiler* chicken. This research used 32 samples of *broiler* chicken. And then these samples were divided into four groups. The *broiler* chicken was maintained for 35 days, and then after one week treatment group of *broiler* chicken was shot by laserpuncture. The laserpuncture shooting was done four times with seven days interval shooting. The results of this research showed that the most effective dose was 0,2 joule could decrease 24% feed conversion ratio. The second effective dose was 0,4 joule that could decrease 16 % . The last effective dose was 0,5 joule, this dose could decrease feed conversion ratio until 12%. The conclusion of this research was if amount of the dose was higher than effective dose, it would give lower effect of decreased feed conversion ratio of *broiler* chicken.

**Key words** : Broiler chicken, dose, laserpuncture, feed conversion ratio