

**THE EFFECT OF GIVEN CRUDE CHLORELLA TO TOTAL
CHOLESTEROL BLOOD RATES
ON BROILER CHICKEN**

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ABSTRACT

The purpose of this research was to know and proved about the effect of given crude chlorella which may decreased total cholesterol blood rates on broiler chicken. Experiment animal that used in this research were 30 DOC (Day Old Chicken) broiler chickens strain CP 707 on 37 gram body weight. The experimental design used Completely Randomized Design which contain into three treatments and ten replications. The data were analyzed with Analysis of Variance (ANOVA) continued by Duncan test. This research divided into three groups : P I was the first group which given standard feed or 0% crude chlorella in broiler chickens feed. P II was the secondary group which given 5% crude chlorella in broiler chickens feed. P III was the last group which given 10% crude chlorella in broiler chickens feed. The treatment is done on 33 days. The blood samples taken on brachialis venous. The final result showed that crude chlorella was given on broiler chickens feed with the percentage 0%, 5%, and 10% cannot decreased total cholesterol blood rates on broiler chickens.

Key words : crude chlorella, total cholesterol blood rates, broiler chicken.