

**THE EFFECT OF GIVING SOYBEAN MEAL IN THE RATION TO  
HISTOLOGY OF CHICKEN'S SPLEEN WHICH IS INFECTED BY  
*Eimeria tenella***

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**ABSTRACT**

The purpose of this study was to determine the effect of giving soybean meal in the ration to histology of chicken's spleen which is infected by *Eimeria tenella*. Twenty strains of broiler chickens 15 days old CP 707 were randomized into 4 treatment groups. P0 were fed basal and not infected *Eimeria tenella*. P1 fed basal added with 35% soybean meal and not infected by *Eimeria tenella*. P2 were fed basal and infected by *Eimeria tenella*. P3 were fed basal added 35% soy flour and infected by *Eimeria tenella*. Data was obtained from pulp white diameter was analyzed by ANOVA followed by BNJ test, while the histology of pulp white data were analyzed by *Kruskall Wallis* followed by *Mann-Whitney* test. The results showed that soybean meal can effect of diameter pulp white and had no effect histology of chicken's spleen for improve system immune ( $p < 0,05$ ).

Key words: soybean meal, pulp white diameter, histology of pulp white