

**THE EFFECT OF *Eimeria tenella* INFECTION ON CECAL *Escherichia coli* POPULATION IN THE FIRST *Eimeria tenella* INFECTED AND REINFECTED BROILERS.**

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**ABSTRACT**

The purpose present into observe the effect of *Eimeria tenella* infection on cecal *Escherichia coli* population in the first *Eimeria tenella* infected and reinfected broilers. Fifteen make broilers are divided in three groups and each group consisted of 5 broilers. The first group was infected with  $1 \times 10^3$  *Eimeria tenella* at five weeks old the second group was administend with the same doss at as the first group three that five weeks old.

The third group was given as control group. Two weeks post infection of first and second of first and second groups, uspective by of caecal was taken try culture.

*Escherichia coli* the result skord that *Escherichia coli* population of first group were significantly different with the second group and also to group. *Escherichia coli* population of the first *Eimeria tenella* infected broiler group was high than *Eimeria tenella* reinfected and control group.

Key word : *Eimeria tenella*, Broiler, *Escherichia coli*.