

THE CORRELATION BETWEEN TOTAL NUMBERS OF WORMS WITH
EGG PERGRAM FAECES AND HISTOPATHOLOGICAL
FIGURE OF SECUM INFECTED
BY *Heterakis gallinarum*

Muhrishol Yafi

ABSTRACT

The research conducted to investigated the correlation between the total numbers of worms with egg pergram faeces and figure of secum histopathological. The total numbers of worms counted manually, the number of egg pergram faeces were counted by *Lucient Brumpt* methode and the figure of secum histopathology analyzed by scoring system. This research used thirty samples, all the sample were pure infected by *Heterakis gallinarum*. All the samples analyzed by SPSS 11.5 used Spearman correlation and simple regreition methode. The result of this research showed that the total numbers of worms were correlation with number of egg pergram faeces, the value of correlation was 0.552 with the level of significant 1%. Whereas correlation between totah numbers of worms or egg pergram faeces with figure of secum histopathology was correlated poorly.

Key word : Correlation,Heterakis,histopathology,number