PREVALENCE AND DEGREE OF GASTROINTESTINAL HELMINTH INFECTION ON QUAILS (*Cortunix cortunix japonica*) IN SUB-DISTRICT NGANTRU DISTRICT TULUNGAGUNG

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ABSTRACT

The aim of this research was determined the prevalence and infection degrees of gastrointestinal helminthiasis on quails in sub-district Ngantru, district Tulungagung. The research was conducted in February-March 2016 with 80 samples of stool examination in the Helmintology laboratory, Parasitology Departement Airlangga University. On examination found some kind of worms eggs, which were: *Heterakis gallinarum*, *Capillaria* sp., and *Raillietina* sp. the result of this research showed that (27.5%) of quails age 3-6 weeks and (17.5%) of quails age 6-58 weeks. According *McMaster* method, found 1-499 egg per gram was ratively mild infection degrees. On the statistical analysis showed the prevalence of quails age 3-6 weeks with quails age 6-58 weeks helminthiasis were not significantly different (p>0.05). Rather than infection degrees of quails age 3-6 weeks with quails age 6-58 weeks were not significantly different (p>0.05).

Keywords : Quail, helminthiasis, gastrointestinal, prevalence.