THE PREVALENCE OF BLOOD PROTOZOA IN QUAIL (Coturnix coturnix) IN SOME SUB-DISTRICTS OF JOMBANG

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ABSTRACT

The aim of this study was to calculate the prevalence of blood protozoa infection in quail in several sub-districts in Jombang. Purposive sampling method was used to choose the quail farm in Jombang. One hundred quail blood samples were collected from three sub-districts of Jombang which were Peterongan, Jombang and Diwek. The blood smear samples were then stained using 10% Giemsa solution. The presence of the blood’s protozoa in quail was determined microscopically and found Leucocytozoon sp totally in 10 out of 100 blood samples (10%). There was no difference significantly of the presence of Leucocytozoon sp in age of the quail.

Key words: prevalence blood protozoa’s, gametocytes Leucocytozoon sp, blood smear, quail