THE PREVALENCE OF ENDOPARASITE AND HEMATOLOGICAL STATUS OF GOAT IN TANGGUNGGUNUNG AND PAKEL SUB – DISTRICT, TULUNGAGUNG DISTRICT

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ABSTRACT

This study was conducted to determine the prevalence of goat endoparasites from two different sub-districts and with different management, then some positive samples were examined for hematological status of goat. This research was conducted since March - May using 100 blood and faeces samples of goat. The results proved the difference of prevalence, Tanggunggunung District positive of 30% endoparasites from 50 samples and Pakel District positive 56% from 50 samples. Type of endoparasites Oesophagostomum sp., Moniezia sp., Strongyloides sp., Haemonchus sp., Trichuris sp., Eimeria sp and Isospora sp. Blood hematological values from a number of positive samples showed no symptoms of anemia but showed differences in the mean for two different races and high levels of leukocytes in the District of Tanggunggunung 18.1x10³/L and 16.9x10³/L in Pakel District. The results were analyzed using the chi-square test and had significant differences in each sub-district (p <0.05)

Keywords: prevalence, hematological status, endoparasite in goat, management system