PREVALENCE AND INFECTION RATE OF *Oesophagostomum* spp. ON CALVES IN TANAH MERAH SUBDISTRICT MADURA

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ABSTRACT

This study aims to determine the prevalence and infection rate of *Oesophagostomum* spp. on calves in Tanah Merah Subdistrict Madura. The research conducted in March to April 2013 with 80 samples of feces examination in Helminthology Laboratory of the Parasitology Department, Veterinary Medicine Faculty of Airlangga University. The prevalence of *Oesophagostomum* spp. was 53.75%. In the calculation of fecal egg counting (FEC) obtained the number of helminth that infect the eggs ranges from 0-500 and it was in mild stage of infection. The statistical analysis using Chi-Square test and Independent T-tests showed no significant differences (p >0.05) in the prevalence but showed significant differences (p <0.05) in infection rate of *Oesophagostomum* spp. on male and female calves. The differences in breed of calves also showed no any significant difference (p >0.05) in prevalence of *Oesophagostomum* spp. on Madura and Madurasin calves in Tanah Merah subdistrict, Madura.

**Keywords**: *Oesophagostomum* spp., Sedimentation Method, Centrifugal Floatation Method, Tanah Merah Subdistrict, Madura