

**PREVALENCE AND DEGREE OF GASTROINTESTINAL HELMINTH  
INFECTIONS IN GOATS IN SUB-DISTRICT RENGEL, DISTRICT  
TUBAN**

Marisa Rahmanti

**ABSTRACT**

The aim of this study is to determine the prevalence of gastrointestinal helminthiasis in goats (n=67) at Rengel Sub-District, Tuban, East Java. Native, sedimentation and floatation techniques were used to examine the sample. The results showed that 70.1% (47/67) of goats were infected with three different species of nematodes including *Haemonchus contortus* (50.7%), *Oesophagostomum* spp. (47.7%) and *Trichuris ovis* (43.3%), in relatively light degree of infection (ranging from 0 – 500 EPG). It can get both single or mix infection. The analysis has shown the correlation between the prescription of anthelmintic, age and geographical location factors with the prevalence of helminthiasis in goats.

**Keywords:** goat, helminthiasis, gastrointestinal, prevalence