

HELMINTHIASIS PREVALENCE AT DIGESTIVE TRACT OF BEEF CATTLE IN PANGLUNGAN VILLAGE SUB DISTRICT WONOSALAM DISTRICT JOMBANG

Hari Setiyono

ABSTRACT

The purposes of this research were to know heminthiasis prevalence, type of worms and infection level also influence of age and breed to digestive tract worms infection of beef cattle in Panglungan village Wonosalam Jombang. The cattle used in this research were Peranakan Ongole (PO) and Import breeds. Sample of cattle were divided in to Three age levels and taken by random. The method used was Survey. The number of faecal samples were 140 determind by using natif, sedimentation and float methods. The result indicate that helmintiasis prevalence was 59,3 %. Worm type found were 10 genuses that include to Trematode and Nematode class. They were *Fasciola* spp, *Oesophagustomum* spp, *Bunostomum* spp, *Toxocara* spp, *Strongyloides* spp, *Trichuris* spp, *Mecistocyrus* spp, *Gaigeria* spp, *Haemonchus* spp and *Trichostrongylus* spp. The infection level was light, according to the TCPGT rate which found $204,82 \pm 182,69$. According to the result of Chi – Square test can be concluded that age has an effect, and breed has not an effect to worms infection.

Key words : Prevalence, helminth, beef cattle.