

**THE PREVALENCE OF HELMINTHIASIS IN DIGESTIVE TRACT OF
BEEF CATTLE IN LOW LAND AND HIGH AREAS IN BOGOR
REGENCY**

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ABSTRACT

The purposes of this research were to know the prevalence of helminthiasis, type of worms and infection level in low land and high areas also the influence of age and sex of cattle on digestive tract worms infection of beef cattle in low land and high areas in Bogor Regency. Sample of faeces were taken randomly. The number of faeces samples were 120 determined by using natif, sedimentation and float methods. The result indicate that helminthiasis prevalence was 45% for low land and 65% for high areas. The type of worm found were Nematode class, they were *Bunostomum* spp., *Oesophagostomum* spp., *Mecistocirrus* spp., *Trichostrongylus* spp., *Trichuris* spp., *Toxocara* spp. The result of Chi-square test showed that age has an effect, and sex has not an effect to the helminth infection.

Key words: *Prevalence, helminth, beef cattle.*