

**PREVALENCE AND INTENSITY OF NEMATODE INFECTION ON  
THE CROSSBREED HORSE IN DETASEMEN KAVELERI BERKUDA  
PARONGPONG BANDUNG WEST JAVA**

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**ABSTRACT**

This survey study was aimed to determine the prevalence of nematodosis and intensity on the Crossbreed Horse in Detasemen Kaveleri Berkuda Parongpong Bandung West Java. The benefits of this research are to contribute giving additional information about prevalence, intensity, and relation among prevalence with age, sex, and stable. Fecal samples were tested by native, sedimentation, and floatation methods. The examination was found some kind of worm eggs, which are: *Trichonema* sp., *Strongylus* spp., *Dictyocaulus arnfieldi* (lung worm). The result showed that the prevalence of nematodosis was 12.03%. In the calculation of worm eggs per gram feces of Crossbreed Horse in Detasemen Kaveleri Berkuda that have relatively moderate infection were 1123EPG and result of analyze with ANOVA showed no real different with function of horse. The result of statistical analysis using *Chi-Square* test showed no significant differences in prevalence with age and sex ( $p>0.05$ ). The result of statistical using *Chi-Square* test showed significant differences in prevalence with stable in Denkvud ( $p<0.05$ ).

Keyword : prevalence, intensity , nematodosis, crossbreed horse