

## ABSTRACT

**Prevalence Infection Worm Digestion of Manila duck  
(*Cairina Moschata*) in District  
Ngadirojo Pacitan**

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This research was aimed to know the prevalence of worm which infected the digestion tract of Manila duck. The other purpose of this research to know the different between the Manila duck worm's infection of four tradisional market in Ngadirojo Pacitan.

This research used 40 sample of Esophagus, Ventrikulus, Intestine and Cacecum of Manila duck. The examination of the sample under microscopic cell was done in the Helminthology laboratory of Veterinary Faculty of Airlangga University.

The result revealed that the prevalence of the worm infection of the digestion tract of Manila duck are 70%. The worm species consist of 20% *Ascaridia galli*, 22,5% *Heterakis sp*, 15% *Echinostoma sp* and 12,5% *Raillietina sp*. The result was analyzed using *chi-square test* showed that there is no significant different ( $p > 0,05$ ) between the tradisional market in high plain and the low plain

Keywords : Prevalence, Infection, Digestion tract, Manila duck