

**PREVALENCE OF WORM DISEASE IN CATTLE
GASTROINTESTINAL PERANAKAN ONGOLE (PO) AND BRAHMAN
CATTLE IN THE SUBDISTRICT SUGIO, DISTRICT LAMONGAN**

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ABSTRACT

The purpose of this study was to determine the prevalence of worm gastrointestinal disease based on age and breed with Peranakan Ongole (PO) and Brahman cattle in the Subdistrict Sugio, District Lamongan. This research has been done on April, 25th 2012- May, 8th 2012 at Department of Parasitology Veterinary, Faculty of Veterinary Medicine, Airlangga University. This research took stool samples from 50 Peranakan Ongole (PO) and 50 Brahman cattle. Peranakan Ongole (PO) and Brahman cattle were divided into 3 age groups. The first group of 1-6 months old. The second group of 7-24 months old. The third group > 24 months old. Data were analyzed with the formula Prevalence and *Chi-Square* test to compare the relationship between age and breed of cattle. This study shows the age factor may influence the prevalence of worms, while the factor of breed did not influence the prevalence of worms.

Key word : prevalence, gastrointestinal disease, cattle.