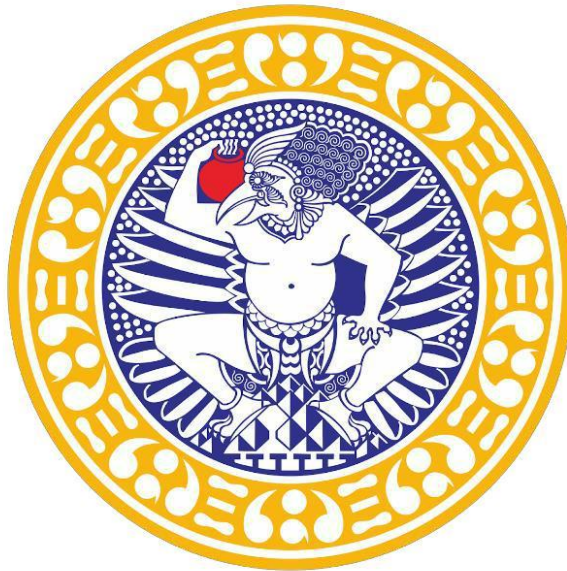


THESIS

**ECONOMIC IMPACT OF CATTLE'S LIVER
INFECTED BY *Fasciola gigantica*
AT BONDOWOSO ABATTOIR**



**BY:
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**FACULTY OF VETERINARY MEDICINE
UNIVERSITAS AIRLANGGA
SURABAYA
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ENDORSEMENT FORM

**ECONOMIC IMPACT OF CATTLE'S LIVER
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AT BONDOWOSO ABATTOIR**

Thesis

Submitted in partial fulfilment of the requirement for degree of

Bachelor of Veterinary Medicine

At

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By

DENINTA FITRI YURINDHANI
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Approval of
Supervisor Committee,



Dr. Mustofa Helmi Effendi, drh, DTAPH

Co-Supervisor



Dr. Abdul Samik, drh., M.Si

Supervisor

DECLARATION

Hereby, I declare that in this thesis entitled:

**ECONOMIC IMPACT OF CATTLE'S LIVER
INFECTED BY *Fasciola gigantica*
AT BONDOWOSO ABATTOIR**

There is no other work ever published to obtain a college degree in a certain college and according to my knowledge there is also no work or opinion ever written or published by others, except those in writing referred to this paper and mentioned in the reference.

Surabaya, January 7th 2020



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SUMMARY

DENINTA FITRI YURINDHANI. Thesis entitled Economic Impact of Cattle's Liver Infected by *Fasciola gigantica* at Bondowoso Abattoir under the guidance of Dr. Abdul Samik, drh., M.Si as the supervisor and Dr. Mustofa Helmi Effendi, drh., DTAPH as the co-supervisor.

This study aims to know how big the economic impact on the cattle liver that has been rejected due to fascioliasis infection in Bondowoso's abattoir.

This research was conducted in September 12th to October 6th 2019 with total sample of 106 livers obtained from the Bondowoso abattoir. Liver samples were examined by inspection that include visual examination and palpation. Anatomical pathology examination was done also by making incisions on each collected liver organ.

The result in this study showed that total loss liver infected by *Fasciola gigantica* was Rp 26,740,500 with prevalence 80.19%. Based on the examination of 106 samples, there were 85 samples identified positive and 21 samples were identified as negative. Consuming dewy forage and contaminated with snails was one of the causes of larval infection digestive tract worms. Management of feed and maintenance supported by regional ecology and regional topography has a role in the spread of metacercaria.

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The author acknowledges that this writing is still lack and far from perfect. Therefore, the author expects critics and recommendations that will help in the improvement of this thesis. With a humble heart, the author wishes that this research will be useful for the advancement of science and my give contribution to the veterinary medicine field and all the people who needs it.

Surabaya, January 2020

Author