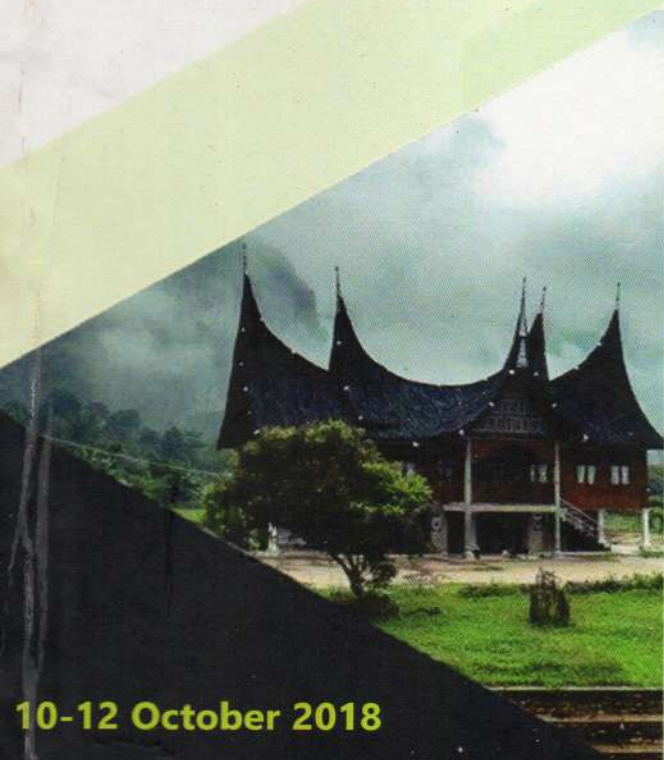


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THE 1ST INTERNATIONAL CONFERENCE
ON ANIMAL PRODUCTION FOR FOOD SUSTAINABILITY



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Kyriad Bumiminang Hotel, Padang
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**THE 1st INTERNATIONAL CONFERENCE ON ANIMAL
PRODUCTION FOR FOOD SUSTAINABILITY
(ICAPFS)**

The Future, Challenges, and Strategy for Animal Production

PROCEEDINGS

ABSTRACTS

**10-12 October 2018, Kyriad Bumiminang Hotel
Padang, West Sumatra-INDONESIA**



IOP
Publishing



Diterbitkan oleh :



The Future, Challenges, and Strategy for Animal Production

**PROCEEDINGS THE 1ST INTERNATIONAL CONFERENCE ON ANIMAL PRODUCTION FOR
FOOD SUSTAINABILITY (ICAPFS)**

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Layout:

Robi Amizar

First Published in 2018

21 x 29,7 cm; x, 159 pages

ISBN: 978-602-6953-42-1

Organized by Faculty of Animal Science Universitas Andalas

Publisher: Andalas University Press

Jl. Situjuh no.1 Padang-25129

No. Telp 0751-27066

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Performance of Crowing Kukuak Balenggek Chicken Based on Different Henroost Levels Under Intensive Management

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ABSTRACT

Kukuak Balenggek chicken (KBC) is one of the rare indigenous chickens in Indonesia which derive from West Sumatera Province. KBC has been estimated for the only one breed type crow in the word. This study aims to determine the performance of crowing KBC based on different henroost levels under intensive management. A total 14 heads of *Kukuak Balenggek* chicken were used in this reseach. The research method was used in this study, with Randomized Block Design 5 factor and 3 groups of number of crow level. The treatments were high of henroost P1(0 cm), P2 (50 cm), P3 (100 cm), P4 (150 cm) and P5 (150.cm). The variables were number of crow, the duration of the crow and the frequency of the crow. The observations were made at three time series (06.00-08-00am), (11.00-01.00pm) and (03.00-05.00pm). The result of this research showed that the number of crow was ranging 2-10 level of crow with means $4,81 \pm 2.46$. the influence of henroost high on the duration of crow in morning was significantly different ($P < 0.05$), whereas on the duration of crow in day time and afternoon was significant highlt different ($P < 0.01$). The influence of the high of henroost on the frequencies of crow in three time series was highly significant different ($P < 0.01$). The DMRT test results stated that the best leve of henroostl was 200 cm with a mean duration of crow 3.05" and frequency of crow 32.83 times / 30 minutes in the morning.

Key Words: Performance, *Kukuak Balenggek* Chicken, Henroost Level, Crow Number, Frequency of Crow



CERTIFICATE

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This is to certify that:

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for Scientific Contribution as ORAL PRESENTATION during the

**1st International Conference on Animal Production
for Food Sustainability**

Padang, West Sumatra - INDONESIA
October 10-12, 2018



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