ACKNOWLEDGEMENT

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MEDIA PETERNAKAN
Journal of Animal Science and Technology
(Revised Edition 2017)

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1. Manuscripts must be original, have not been published previously in any scientific journal, that manuscripts are not being submitted for publication elsewhere, and will not be submitted to any media during the review process, unless the authors have officially withdrawn the manuscripts from Media Peternakan. The statement must be stated in a statement of originality and copyright release form (Form A). Media Peternakan uses Similarity Check powered by iThenticate to prevent any suspected plagiarism in the manuscripts.

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3. Manuscripts encompass a broad range of research topics in tropical animal sciences: breeding and genetics, reproduction and physiology, nutrition, feed sciences, agrostology, animal products, biotechnology, behaviour, welfare, health, livestock farming system, integrated farming system, socio-economic, and policy.

4. The journal is published 3 (three) times a year, i.e. April, August, and December.

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3. Manuscripts should be typed using Times New Roman fonts at 12 points.

4. Manuscripts should be typed double spaced except for Title, Tables, Title of Graphs/Figures, and appendix typed single spaced. Manuscripts are prepared in A4 paper, margins on all four sides are 3 cm, and total number of pages is 12-20.

5. Tables, Graphs, and Figures should be placed after the References of the manuscript.

6. Use page numbers and line numbers.

7. Manuscripts content should be arranged as the following order: Title, Name of the author(s) and their institutions, Abstract, Introduction, Methods (for Socio-Economic), Materials and Methods (for non Socio-Economic), Results, Discussion, Conclusion, Acknowledgment (if any), References.

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1. Title must be brief, clear, specific and informative which reflect the article content. The length of the title maximum 14 words. Each word of the title should be started with capitalized letter.

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3. Name of institution(s) where the research was conducted must be accompanied with full address including institution/department, city, and country, and e-mail.

4. Abstract must be written in Bahasa and English, in single paragraph and no more than 250 words. Abstracts contain clear statement of introduction, objective, methods, results, significance of finding, and conclusion, with no references cited.

5. Keywords should be written in no more than 5 (five) words or phrases.

6. Introduction describes a brief background of the research, novelty, state of the arts, and objective(s). It should be written efficiently and supported by references. Extensive discussion of relevant literatures should be included in the discussion, not in the introduction.

7. Materials and Methods

a. It should be written clearly and completely containing a clear description of biological, analytical, and statistical procedures; so they can be repeated by other researchers. References of original methods/procedures must be stated and all modifications of procedures (if any) should be explained. Diets and animal conditions (breed, sex, age, body weight, and weighing conditions [i.e., with or without restriction of feed and (or) water]) also should be described clearly and fully.

b. Authors should state clearly information of commercial product and equipment used in the research, such as commercial name, product/equipment specification, city, and country.

c. Appropriate statistical methods should be used, although the biological mechanism should be emphasized. The statistical model, classes, blocks, and experimental unit must be designated. Consultation with a statistician is recommended to prevent any incorrect or inadequate statistical methods.

8. Results

a. Data should be presented in Tables or Figures when feasible. There should be no duplication of data in Tables and Figures. Sufficient and comprehensive data followed with some index of variation (e.g., SD, SE, etc.) and significance level (e.g., P<0.01) should be presented to give a complete information and allow the reader to interpret the results of the experiment.

b. The text should explain or elaborate the tabular data, but numbers should not be repeated extensively within the text.
9. Discussion should be consistent and should interpret the results clearly and concisely, address biological mechanism and their significance, supported with suitable literatures. The discussion should show relevance between the results and the field of investigation and/or hypotheses. Results that already described in the RESULTS section should not be repeated in the DISCUSSION section.

9. Conclusion should be written briefly in single paragraph, but reflects the experimental results obtained. Implication of results should be added stating what the findings of this research imply for animal production and/or biology.

10. Acknowledgement (if any) to person(s) or institution(s) who help the experiment should be stated.

11. References: We suggest authors to use reference management software like EndNote (http://endnote.com/downloads/styles), Mendeley (https://www.mendeley.com/features/reference-manager/), etc., to prepare citations and the list of references.

   a. References should be the last 10 year publication, with minimum 80% of journal.

   b. Citing a citation, such as Morris in Miftah et al. (2008), and using ‘Anonym’ as reference are not allowed.

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   d. The electronic publications are only allowed to use, if those are published by a competent source, such as journal and government or private institution. The accessed date should be put after the last sentence.

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   f. References should be listed alphabetically by the author(s) last name(s) and the year of publication. For books, the order is all author(s), year, title of the book, name and place of publisher. For journals, author(s), year, title of the article(s), journal name, volume and number of publication, and pages. Journals should be abbreviated according to the conventional abbreviation used by Pubmed (http://www.ncbi.nlm.nih.gov/nlm-catalog/journals). For article in a book: author(s), year, title of the article, editor(s), book title, name and place of publisher. Some examples of references are presented below:

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Journal


Article in a Book

Electronic Publications


TABLES, FIGURES, AND GRAPHS

1. Table:
   a. Tables should be prepared using Microsoft Word Table function, select Insert>Table and follow the instruction. Please do not separate cells into rows and columns by using tabs and spaces. Herewith a sample table constructed correctly:

      | Column head | Column head | Column head | Column head |
      |-------------|-------------|-------------|-------------|
      | Row head    | Row head    | Row head    | Row head    |

   b. Tables should be clear and could stand alone (giving a complete information and could be understood without referring to the body of manuscript). All tables should be cited in the text and should not duplicate data already given in the text or in figures.

   c. The title should be brief and clear. Only the initial word is capitalized, typed above the table, and numbered using Arabic number. The title for socio-economic should be completed with research time and location.

   d. Separating lines should be made horizontal (three lines) to separate head of column (treatment) and data, and closing line.

   e. Data should be completed with standard deviation (SD), standard error (SE), or coefficient of variation (CV) to figure out its variation.
f. Footnote for statistical analysis should be written: “Means in the same column/row with different superscript differ significantly (P<0.05) or highly significant (P<0.01).”

g. Each abbreviation or symbols should be described in footnote.

2. Figure and Graph

a. Title should be brief and clear, located under the Figure or Graph. Only the initial word is capitalized and numbered with Arabic number.

b. Symbols and description of Figure and Graph should be defined in title that would give a complete information and could stand alone.

c. Figures should be prepared and the types are readable at the final size of publication, one column (8 cm wide) or full-page width (17 cm wide). Use Palatino Linotype and Times New Roman font types only. A minimum type size of 8 points (after reduction) should be used. Please also remove unnecessary backgrounds and grid lines from graphs.

d. For bar charts, should be made in 2-dimension and should use stripes as fill patterns, not a solid or block shading. Each axis should have a description and a unit.

e. For line graphs, use a minimum stroke weight of 1 point for all lines. If multiple lines are to be distinguished, use solid, long-dash, short-dash, and dotted lines; avoid the use of gray or shaded lines. Please use the following symbols to identify curves and data points: □, ■, ○, ▲, △, ◊, ♦, +, and ×.

f. Figures must have good resolution. Preferred format for figures are Word, JPEG, and PDF. Minimum resolution is 300 dpi for color and grayscale figures and 600 dpi for line art. Please consider that color figures/images for print journal will be charged separately.

ADDITIONAL NOTES

1. Nomenclature for Latin words consisting of 2 or 3 words is typed in italic and used for plants, animals, insects, microorganisms, and diseases. Full name of chemicals is used for the first time. General name or generic can also be used.

2. Units of measurements use International System (IS).

3. Abbreviations are written using standard Media Peternakan, as follows:

- °C degree Celsius
- ANOVA analysis of variance
- ATP adenosine triphosphate
- cal calorie
- cfu colony-forming unit
- CoA coenzyme A
- CP crude protein (N x 6.25)
- CV coefficient of variation
- d day(s)
- DM dry matter
- DNA deoxyribonucleic acid

Example of Table, Figure, and Graph

Tabel 1. The average of feed consumption, water consumption, egg production, and feed conversion of laying quail during 8 weeks treatment

<table>
<thead>
<tr>
<th>Variables</th>
<th>T0</th>
<th>T1</th>
<th>T2</th>
<th>T3</th>
<th>T4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed consumption (g/quail/d)</td>
<td>19.94± 0.61a</td>
<td>19.99±0.66a</td>
<td>19.40± 0.65a</td>
<td>19.49± 0.49a</td>
<td>18.49± 0.44b</td>
</tr>
<tr>
<td>Water consumption (mL/quail/d)</td>
<td>52.23± 6.96c</td>
<td>62.94±5.33a</td>
<td>68.28± 5.44a</td>
<td>60.27± 4.65a</td>
<td>80.16± 5.33a</td>
</tr>
<tr>
<td>Egg production (%)</td>
<td>58.78± 2.72a</td>
<td>59.04±1.79a</td>
<td>59.57± 1.92a</td>
<td>55.76± 4.74a</td>
<td>45.05± 2.07a</td>
</tr>
<tr>
<td>Egg mass (g/quail)</td>
<td>524.80±27.32a</td>
<td>531.96±6.31a</td>
<td>521.23±16.42a</td>
<td>511.58±37.49a</td>
<td>409.23±24.42a</td>
</tr>
<tr>
<td>Feed conversion</td>
<td>2.41± 0.39a</td>
<td>2.92±0.12a</td>
<td>2.24± 0.08a</td>
<td>2.10± 0.15a</td>
<td>2.06± 0.09a</td>
</tr>
<tr>
<td>IOFC (Rp/egg)</td>
<td>158.31±11.89a</td>
<td>159.41±8.18a</td>
<td>165.96± 7.65a</td>
<td>146.33±22.61a</td>
<td>99.50± 6.97a</td>
</tr>
</tbody>
</table>

Note: T0= Control diet (without piperine), T1= T0 + piperine 15 mg/kg BW, T2= T0 + piperine 30 mg/kg BW, T3= T0 + piperine 45 mg/kg BW, T4= T0 + piperine 60 mg/kg BW. Means in the same row with different superscripts differ significantly (P<0.05).

Figure 1. BseDI restriction profile of cytochrome b PCR product amplified from samples. (A) M= 100 bp ladder size standard; 1= pork (100%); 2= (beef 75% : pork 25%); 3= (beef 90% : pork 10%); 4= (beef 95% : pork 5%); 5= (beef 97% pork 3%); 6= (beef 99% : pork 1%); 7= beef 100%. (B) M= 100 bp ladder, 1= pork (100%); 2= (chicken 75% : pork 25%); 3= (chicken 90% : pork 10%); 4= (chicken 95% : pork 5%); 5= (chicken 97% : pork 3%); 6= (chicken 99% : pork 1%); 7= chicken (100%).
Figure 2. Relationships between dietary condensed tannin concentration and organic matter digestibility (OMD) (○-, full regression line; OMD= 701.2 – 1.19 CT, P<0.001, R²= 0.701) and crude protein digestibility (CPD) (◊-, dashed regression line; CPD= 559.7 – 1.59 CT, P<0.001, R²= 0.730) in the in vivo studies.

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Background

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http://journal.ipb.ac.id/index.php/mediapeternakan
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