

AUTHOR INDEX [Vol. 45 No. 2 June 2020]

A. Agustian	91 - 102	N. D. Khang	136 - 142
A. Haryanto	78 - 90	N. H. Qui	136 - 142
A. Jayanegara	115 - 123; 124 - 135	N. T. Dau	136 - 142
B. Guntoro	126 - 142	N. T. Linh	136 - 142
D. Desrial	115 - 123	N. V. Vui	136 - 142
D. N. D. I. Laksmi	153 - 159	N. Wijayanti	78 - 90
E. Prasetyo	143 - 152	R. Priyanto	115 - 123
E. Widiastuti	103 - 114	R. W. Astuti	78 - 90
H. I. Wahyuni	103 - 114	S. Maylinda	71 - 77
I. Isroli	103 - 114	S. Sugiharto	103 - 114
I. G. N. B. Trilaksana	153 - 159	T. A. Sartono	103 - 114
I. W. N. F. Gunawan	153 - 159	T. Ekowati	143 - 152
K. Khasrad	124 - 135	T. Yudiarti	103 - 114
K. Kususiyah	91 - 102	U. Santoso	91 - 102
L. Lendrawati	115 - 123	W. Busono	71 - 77
L. M. Sudimartini	153 - 159	W. Manalu	115 - 123
M. Handayani	143 - 152	Y. Fenita	91 - 102
M. Makmur	124 - 135	Y. Marlida	124 - 135
M. Zain	124 - 135		

ACKNOWLEDGMENT

JITAA appreciates to reviewers who have commented manuscripts for the current issue:

Agung Purnomoadi	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Asep Gunawan	: Faculty of Animal Science, IPB University, Bogor
Atien Priyanti	: Indonesian Center for Animal Research and Development, Bogor
Budi Indarsih	: Faculty of Animal Science, Mataram University, Mataram
Cece Sumantri	: Faculty of Animal Science, IPB University, Bogor
Dian W. Harjanti	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Edy Kurnianto	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Jakaria	: Faculty of Animal Science, IPB University, Bogor
Joelal Achmadi	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Khalil	: Faculty of Animal Husbandry, Andalas University, Padang
Retno Adiwinarti	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Siti Susanti	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Siwi Gayatri	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Sugiharto	: Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang
Sumiati	: Faculty of Animal Science, IPB University, Bogor
Tety Hartatik	: Faculty of Animal Science, Universitas Gadjah Mada, Yogyakarta
Vincenzo Tufarelli	: Department of DETO, Section of Veterinary Science and Animal Production, University of Bari 'Aldo Moro', Italy



JOURNAL OF THE INDONESIAN TROPICAL ANIMAL AGRICULTURE
[J. Indonesian Trop. Anim. Agric.]

Faculty of Animal and Agricultural Sciences, Diponegoro University,
 Tembalang Campus, Semarang 50275, Central Java - Indonesia
 Phone/Fax. : 62-24-7474750 ; E-mail :jppt.fpundip@gmail.com
 Web site: ejournal.undip.ac.id/index.php/jitaa



SUBSCRIPTION FORM FOR VOLUME (20.....)
 4 ISSUES A YEAR (MARCH, JUNE, SEPTEMBER, DECEMBER)

Name :

Phone/ Fax. :

E-mail :

Mailing Address :

.....

.....

.....

Date: Authorized Signature:

The annual membership fee is IDR 300,000.00 (not included mailing cost for outside of Java Island and overseas). Please return a copy of this form with your remittance to: **Titik Ekowati - Bank Negara Indonesia (BNI) 46 Cabang UNDIP Semarang, bank account 0177702361.**

Cut Here



JOURNAL OF THE INDONESIAN TROPICAL ANIMAL AGRICULTURE
[J. Indonesian Trop. Anim. Agric.]

Faculty of Animal and Agricultural Sciences, Diponegoro University,
 Tembalang Campus, Semarang 50275, Central Java - Indonesia
 Phone/Fax. : 62-24-7474750 ; E-mail :jppt.fpundip@gmail.com
 Web site: ejournal.undip.ac.id/index.php/jitaa



SUBSCRIPTION FORM FOR VOLUME (20.....)
 4 ISSUES A YEAR (MARCH, JUNE, SEPTEMBER, DECEMBER)

Name :

Phone/ Fax. :

E-mail :

Mailing Address :

.....

.....

.....

Date: Authorized Signature:

The annual membership fee is IDR 300,000.00 (not included mailing cost for outside of Java Island and overseas). Please return a copy of this form with your remittance to: **Titik Ekowati - Bank Negara Indonesia (BNI) 46 Cabang UNDIP Semarang, bank account 0177702361.**

JOURNAL OF THE INDONESIAN TROPICAL ANIMAL AGRICULTURE GUIDE FOR AUTHORS (2019)

A. Type of Contribution

Journal of the Indonesian Tropical Animal Agriculture (J. Indonesian Trop. Anim. Agric.) is called as JITAA promotes sound development of animal agriculture on Indonesian and other tropical regions of the world by publication of original research papers. The papers should not have been previously published or is not being considered for publication elsewhere. Upon acceptance of an article, the authors will be asked to transfer the copyright of the article.

B. Preparation and Submission of a Manuscript

B.1. General Rules

- a. Manuscripts should be written in English. Authors whose native language is not English are strongly advised to have their manuscripts checked by an English specialist colleague prior to submission. Manuscript submitted will be checked by the journal at a nominal cost invoiced to the author(s).
- b. Manuscripts should be written by two or more authors. Manuscripts written by single author will not be processed.
- c. Manuscripts should be typed on one side of the paper and in 1-column format with double spacing throughout.
- d. The lines at all pages should be numbered in the left margin, beginning with number 1 (one) on the top of the first page. Paper size is A4 and a 3.0 cm margin of the page is desirable. Use the font "Times New Roman" 12 pt.
- e. Manuscripts should not occupy more than 8 pages in length of journal sheet (14-18 pages of manuscript).
- f. All tables and figures should be typed on separate pages and be numbered according to their sequence in the text.
- g. Standard International (SI) units should be used. Weights and measures should be expressed in the metric system and temperatures in the Celsius scale.
- h. Files should be saved in the format of the word processing software "word for windows" or "open text document"
- i. Manuscripts should be submitted to web site (<http://ejournal.undip.ac.id/index.php/jitaa>).
- j. Manuscripts that do not fulfill the requirements will not be processed any further.

B.2. Manuscripts Structure

Manuscripts in general should be organized in the following order: Title, Abstract, Introduction, Materials and Methods, Results and Discussion, Conclusion, Acknowledgements (optional) and References. These major headings should be typed in bold-capital letters and set in the center of the page.

TITLE

Title of paper consists of no more than 20 words. Abbreviations are not permitted in the title. Title is followed by the name of the authors and complete institution address. When a paper has several authors from the different institution, contact author should be given. A running head (an abbreviated title consisting of no more than 55 characters) should also be appeared above the title.

ABSTRACT

Abstract is written in Indonesian and in English. The abstract consists of no more than 200 words. It starts with a clear statement of the objectives of the experiment that followed by

materials and methods, results and important conclusion. References are never cited in the abstract. Abbreviations that appear in the abstract should be defined when they are first used. At the end of the abstract, list up to 5 (five) keywords in alphabetical order that best describe the nature of the research.

INTRODUCTION

The introduction should provide the readers with information necessary for understanding research presented in the paper. Previous work on the topic should be summarized and objective of the current research should be clearly stated.

MATERIALS AND METHODS

The section of materials and methods should include a discussion of the methods of statistical analysis, and specify equipment source. All modifications of the methods should be explained.

RESULTS AND DISCUSSION

Results and discussion sections may be combined, or they may appear in separate section. In case of being separated, the Results section should contain only the results of the current author's study. There should be no literature comparisons. Those comparisons should appear in the Discussion section. The discussion should interpret the results clearly.

CONCLUSION

Conclusion should be written a maximum of 100 words. Recommendation can be added.

REFERENCES

All publications cited in the text should be presented in a list of references in chronological order. Use the following system for arranging the references:

a. For periodical journals

Lee, J.W., S.B. Choi, Y.H. Jung, J.F. Keown and L.D. Van Vleck. 2000. Parameter estimates for direct and maternal genetic effects on yearling, eighteen-month, and slaughter weights of Korean native cattle. *J. Anim. Sci.* 78:1414-1421

b. For proceedings of seminar, conference, symposia, etc.

Guenter, W and J.S. Sim. 1998. Production of special and modified eggs. *Proceedings, Symposium Series 2. The 8th World Conference on Animal Production, Seoul National University, Seoul, Korea, June 28-July4, 1998. P. 361-370*

c. For thesis or dissertation

Rao, S. 1997. Genetic Analysis of Sheep Discrete Reproductive Traits Using Simulation and Field Data. PhD Thesis. Virginia Polytechnic Institute and State University, Blacksburg, Virginia.

d. For standard books

Steel, R.G.D. and J.H. Torrie. 1980. *Principles and Procedures of Statistics.* McGraw-Hill Book Co. Inc. New York.

e. For multi-author book

Weekes, E.E.C. 1991. Hormonal control in glucose metabolism. In: *Physiological Aspects of Digestion and Metabolism in Ruminants.* (T. Tsuda, Y. Sasaki, and R. Kawashima, eds). Academic Press. San Diego. P.183-200

TABLES

On tables, no vertical line is used and each term should begin with a capital letter. Any important explanation to the understanding of the tables should be given as a footnote at the

bottom of the table. All tables should be explained in the text. An example of constructing table:

Table 2. Body Weight, Feeding Level and Their Interactions on Water Intake, CP Intake, Energy Intake and Live Weight Gain of Indigenous Rams

Parameters	Light Body Weight		Heavy Body Weight		Significance		
	1xM	1.5xM	1xM	1.5xM	BW	FL	INT
LWG (g/d)	-0.01	0.00	-0.03	0.05	ns	**	**
CP intake (g/d)	26.86	49.91	57.36	100.53	**	**	**
Energy intake (MJ/d)	3.12	5.79	6.66	11.67	**	**	**
TDN (g/d)	171.91	319.39	367.07	643.37	**	**	**
Water intake (ml/d)	1299.00	1412.00	1797.00	2647.00	**	*	ns

LWG = Live weight gain; M = maintenance; BW = body weight; FL = feeding levels; INT = interaction between body weight and level of feeding; **= highly significant (P<0.01); * = significant (P<0.05); ns = non significant (P>0.05)

FIGURES

Figures should be drawn on white papers and lines should be less than 1 mm wide. The left vertical and bottom horizontal lines is used. All the figures should be numbered in consecutive order. Legends should be made outside of figure.

An example of constructing figure:

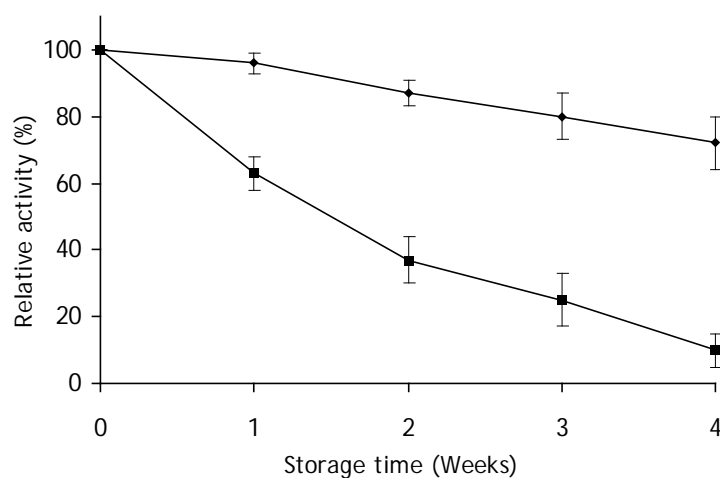


Figure 1. The storage stability of immobilized whey stored in 10 mM PB (pH 7.0) at 4°C for 4 weeks. The immobilized whey was achieved by circulating 100 ml of whey to 1.0 g of SP-FF and followed by washing to remove unbound LPO. The 100% of relative activity means the initial activity of immobilized whey right after immobilization process. The symbols represent immobilized whey (◆) and free enzyme (■). Data points are mean values based on triplicate determination. Error bars represent standard deviation of the mean.

TEXT CITATION RULE

In the body of the paper, refer to author as follows: Smith and Jones (2005). If the sentence structure requires the author's name be include in parentheses, then the proper format (Smith and Jones, 2005; McDonald, 2007) is used. Use "et al." following the first author when there are more than two authors but give all authors in the references. More than one article listed in the same sentence of the text should be in chronological order first and alphabetical order

for two publications in the same year. Citation from internet is acceptable for references having Digital Object Identifier (d.o.i).

PROOF

Authors are advised to pay attention to check the proof sheet. Proof must be sent back to the Editorial Office within 1 week of receipt. If this period is exceeded, proofs will be rechecked by the Editorial Office without the author's correction.

COPYRIGHT AGREEMENT

Authors are required to transfer copyright to Editorial Office. A form of copyright is sent to the corresponding author when article is accepted and article is not published until the complete form has been received by the Editorial Office via fax or email.

C. Miscelenaous

- c.1. The author will be charged in the following expenses:
 - (1) Revising English when the Editorial Board regard it necessary.
 - (2) Typesetting and printing of the portion of the text exceeding the length prescribed in the Item B.1.e.
 - (3) Colour printing.
- c.2. The current charge is IDR 1,500,000.00 or US\$ 100.00 for an article decided to publish.
- c.3. The corresponding author will receive 1 (one) copy of printed journal and 5 (five) copies of reprint.
- c.4. Ordering of each printed journal is IDR 75,000.00 for domestic included mailing cost.

Papers for consideration should be submitted to JITAA's website:
ejournal.undip.ac.id/index.php/jitaa



Editorial Address:
Journal of the Indonesian Tropical Animal Agriculture
Faculty of Animal and Agricultural Sciences, Diponegoro University,
Campus drh. Soejono Koesoemowardojo,
Tembalang - Semarang 50275, Central Java, INDONESIA
Phone/Fax : +62-24-7474750; E-mail: jppt.fpundip@gmail.com



List of Abbreviation of Journals

Acta Agric. Scand.	J. Agric. Food Chem.
Acta Endocrinol.	J. Agric. Sci.
Adv. Appl. Microbiol.	J. Am. Oil Chem. Soc.
Adv. Carbohydr. Chem.	J. Anim. Breed. Genet.
Adv. Biochem.	J. Anim. Physiol.
Adv. Food Res.	J. Anim. Nutr.
Adv. Genet.	J. Anim. Sci.
Adv. Lipid Res.	J. Clin. Invest.
Adv. Protein Chem.	J. Dairy Sci.
Agric. Eng.	J. Food Compos. Anal.
Agron. J.	J. Gen. Physiol.
Am. J. Anat.	J. Hered.
Am. J. Clin. Nutr.	J. Indonesian Trop. Anim. Agric.
Am. J. Clin. Pathol.	J. Nutr.
Am. J. Hum. Genet.	J. Nutr. Biochem.
Am. J. Obstet. Gynecol.	J. Physiol. (Lond.)
Am. J. Pathol.	J. Physiol. (Paris)
Am. J. Physiol.	J. Range Manage.
Am. J. Vet. Res.	J. Rech. Porcine Fr.

Anal. Biochem.
 Anal. Chem.
 Anim. Chem.
 Anim. Behav.
 Anim. Breed. Abstr.
 Anim. Feed Sci. Technol.
 Anim. Genet.
 Anim. Prod.
 Anim. Sci.
 Anim. Sci. Technol. (Jpn.)
 Ann. Hum. Genet.
 Annu. Rev. Biochem.
 Annu. Rev. Nutr.
 Annu. Rev. Pharmacol.
 Annu. Toxicol.
 Annu. Rev. Physiol.
 Appl. Environ.
 Appl. Microbiol.
 Arch. Biochem. Biophys.
 Asian-Aust. J. Anim. Sci.
 Aust. J. Agric. Res.
 Aust. J. Exp. Agric.
 Biochem. J.
 Biochemistry
 Biochem. Biophys. Acta
 Biol. Reprod.
 Biometrics
 Biometrika
 Br. J. Nutr.
 Br. Poult. Sci.
 Can. J. Anim. Sci.
 Cell
 Clin. Toxicol.
 Comp. Biochem. Physiol.
 Domest. Anim.
 Endocrinol.
 Endocrinology
 Eur. Assoc. Anim.
 Eur. Prod. Publ.
 Exp. Anim.
 Fed. Proc.
 Feedstuffs
 Fertil. Steril.
 Food Res.
 Food Technol.
 Gastroenterology
 Genetics
 Grass Forage Sci.
 Growth
 Horm. Behav.
 Immunology
 Infec. Immun.
 Ir. J. Agric. Res.
 J. Reprod. Fertil.
 J. Sci. Food Agric.
 Jpn. Poult. Sci.
 Korean J. Poult. Sci.
 Korean J. Anim. Sci.
 Korean J. Animal Reprod.
 Korean J. Dairy Sci.
 Korean J. Nutr.
 Lab. Anim.
 Lipids
 Livest. Prod. Sci.
 Meat Sci.
 Metabolism
 Methods Enzymol.
 Microbiol.
 Mol. Cell. Endocrinol.
 N. Z. J. Agric. Res.
 Nature (Lond.)
 Nature (Paris)
 Neth. J. Agric. Res.
 Neuroendocrinology
 Nutr. Abstr. Rev.
 Nutr. Metab.
 Nutr. Rep. Int.
 Nutr. Res.
 Nutr. Rev.
 Obstet. Gynecol.
 Pharmacol.
 Pharmacol. Rev.
 Physiol. Rev.
 Pig News Info.
 Poult. Sci.
 Proc. N. Z. Grassl. Assoc.
 Proc. Nutr. Soc.
 Proc. Soc. Exp. Biol. Med.
 Prof. Anim. Sci.
 Q. J. Exp. Physiol.
 Rec. Prog. Horm. Res.
 Reprod. Fertil. Dev.
 Residue Rev.
 S. Afr. J. Anim. Sci.
 Sci. Agric.
 Science
 Steroids
 Theor. Appl. Genet.
 Theriogenology
 Toxicol. Appl.
 Vet. Rec.
 Vet. Res.
 Vitam. Horm.
 World Anim. Rev.
 World's Poult. Sci. J.
 Zuchtungsbiol.

Note: Journals out the list above should be referred to the official abbreviation

eISSN 2460-6278



ISSN 2087-8273



Journal of the Indonesian Tropical Animal Agriculture



Indexed by

