LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW*
KARYA ILMIAH : JURNAL ILMIAH

Judul Jurnal Ilmiah (Artikel)	:	Productivity and Profitability Layer Chicken Farm Using Small Scale Feed Mill Production in Sidrap Regency, South Sulawesi, Indonesia
Jumlah Penulis	:	4 orang
Status Pengusul	:	penulis ke-3
Identitas Jurnal Ilmiah	:	a. Nama Jurnal : International Journal of Poultry Science b. Nomor ISSN : eISSN: 1994-7992; pISSN: 1682-8356 c. Volume, nomor, bulan tahun : Vol.12 (11) : 660-665, 2013 d. Penerbit : Science Alert e. DOI artikel (jika ada) : http://dx.doi.org/10.3923/ijps.2013.660.665 f. Alamat web jurnal : https://scialert.net/abstract/?doi=ijps.2013.660.665 g. Terindeks di SCOPUS
Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat)	:	☑ Jurnal Ilmiah Internasional/ ~~Internasional bereputasi~~ ☐ Jurnal Ilmiah Nasional Terakreditasi ☐ Jurnal Ilmiah Nasional Tidak Terakreditasi

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c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9			0,4*8/3=1,07
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	9			0,4*6/3=0,8
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Nilai Pengusul = 3,21				

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2. **Ruang lingkup dan kedalaman pembahasan**: ruang lingkup bahasan cukup baik. Kedalaman pembahasan cukup dan cukup komprehensif, dengan referensi juga cukup baik.

3. **Kecukupan dan kemutahiran data/informasi dan metodologi**: data dan referensi cukup mutakhir. Hasil penelitian didukung metodologi penelitian yang cukup informatif. Manuskrip membahas tentang pabrik pakan ayam skala kecil untuk mendukung produktivitas dan keuntungan peternak ayam layer. Manuskrip membahas hasil survey dengan cakupan tema dan jumlah sampel yang terbatas. State of art atau novelty penelitian kurang meyakinkan, yang sederhana.

4. **Kelengkapan unsur dan kualitas terbitan/jurnal:** kelengkapan unsur artikel baik; kualitas jurnal Int. J Poult Sci. dengan SJR 0.338 (tahun 2013), copy manuskrip dapat dilacak pada web jurnal dan www.dx.doi.org. Beberapa pustaka acuan yang digunakan tidak mudah diakses secara internasional.

Semarang, April 2020

Reviewer 1

Prof.Dr.Ir. Joelal Achmadi, M.Sc.
NIP 19590813 198603 1 002
Jabatan : Guru Besar
Unit kerja : Fak. Peternakan dan Pertanian Undip

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b. Ruang lingkup dan kedalaman pembahasan (30%)	9			7
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9			8
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	9			8
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4. Kelengkapan unsur dan kualitas terbitan:
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Semarang, April 2020
Reviewer 2

Prof. Dr. Ir. Vitus Dwi Y.B.I., M.S., M.Sc.
NIP 19590615 198503 1 004
Jabatan : Guru Besar
Unit kerja : Fak. Peternakan dan Pertanian

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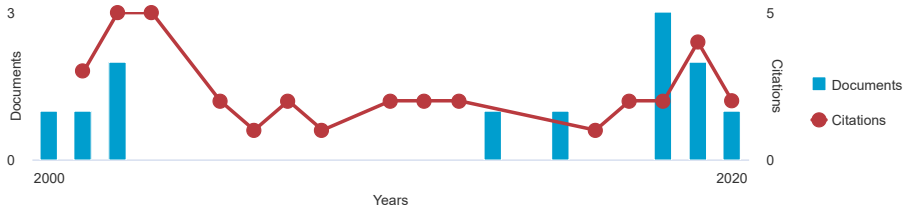

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Exploration of anthelmintic activity of Cassia spp. extracts on gastrointestinal nematodes of sheep *Open Access*	Wahyuni, S., Sunarso, S., Prasetiyono, B.W.H.E., Satrija, F.	2019	Journal of Advanced Veterinary and Animal Research	0
Interrelationship development model of farmers with small scale feed mill *Open Access*	Irma, S.S., Prasetiyono, B.W.H.E., Siregar, A.R., Ali, N., Dahniar	2019	IOP Conference Series: Earth and Environmental Science	0
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International Journal of Poultry Science
Volume 12, Issue 11, 2013, Pages 660-665

Productivity and profitability layer chicken farm using small scale feed mill production in Sidrap regency, South Sulawesi, Indonesia (Article) (Open Access)

Irmasusanti[a], Isbandi[b], Prasetiyono, B.W.H.E.[b], Siregar, A.R.[c]

[a]Sulawesi Barat University, Majene, West Sulawesi, Indonesia
[b]Diponegoro University, Semarang, Indonesia
[c]Hasanuddin University, Makassar, Indonesia

Abstract

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The objective of this research was to determine differences in productivity and profitability of layer poultry farm that used small scale feed mill production quality Indonesia National Standard (SNI) and not based on SNI. The research survey was conducted to 30 layer farmers in Sidrap district that used feed produced by small scale factory by interview and observation. Primary and secondary data obtained were used to answer the research objective. Respondences characteristic, productivity, revenue, production costs and income were recorded for two months. Descriptive statistic and one sample t-test were used to analyze the data. Layer chicken farmer that used small scale feed mill produced generally raising chickens with business scale less than 5,000 chickens. Quality of productivity and productivity of layer chicken farm that used small scale mini feed mill produced was suited to SNI, significantly different (p>0.01) compared to one that wasn't based on SNI. © Asian Network for Scientific Information, 2013.

SciVal Topic Prominence

Topic: Newcastle Disease Virus | Hemagglutination | Poultry

Prominence percentile: 10.665

Author keywords

Feed mill | Layer | Productivity | Profitability | Small scale | SNI

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Original language: English
DOI: 10.3923/ijps.2013.660.665
Document Type: Article
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1 Cahyono, B.T.
(1996) *Dasar-dasar Pemasaran*
Jakarta: Badan Penerbit IPWI

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eISSN: 1994-7992
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Effect of Either Powder or Encapsulated Form of Garlic and *Phyllanthus niruri* L. Mixture on Broiler Performances, Intestinal Characteristics and Intestinal Microflora

M.H. Natsir, Hartutik , O. Sjofjan and E. Widodo

International Journal of Poultry Science Volume 12, Number 11, 676-680, 2013

[Abstract] [Fulltext PDF] [References]

Cestode Parasites of Free-Range Chickens (*Gallus gallus domesticus*) in the North-Eastern of Algeria

Medjouel Ilyes and Benakhla Ahmed

International Journal of Poultry Science Volume 12, Number 11, 681-684, 2013

[Abstract] [Fulltext PDF] [References]

International Journal of Poultry Science

Year: 2013 | Volume: 12 | Issue: 11 | Page No.: 639-646

DOI: 10.3923/ijps.2013.639.646

Nephritis Associated with a S1 Variant Brazilian Isolate of Infectious Bronchitis Virus and Vaccine Protection Test in Experimentally Infected Chickens

Filipe Santos Fernando, Maria de Fatima da Silva Montassier, Ketherson Rodrigues Silva, Cintia Hiromi Okino, Elisabete Schirato de Oliveira, Camila Cesario Fernandes, Marcio de Barros Bandarra, Mariana Costa Mello Goncalves, Mariana Monezi Borzi, Romeu Moreira dos Santos, Rosemeri de Oliveira Vasconcelos, Antonio Carlos Alessi and Helio Jose Montassier

Abstract: Infectious bronchitis virus (IBV) induces a significant negative impact on poultry production worldwide, specially due to the continuous emergence of viral variants. This virus causes damage to the respiratory tract, and depending on the virus strain, affects and damages the urogenital system. The objective of this study is to characterize the pathotype and the cross-immunity with regard to Massachusetts vaccine strain (H120) of a Brazilian IBV field isolate (IBVPR-05) previously S1 genotyped as a variant. The pathogenicity test was conducted on two experimental groups of specific pathogen free chickens; one was vaccinated with attenuated Massachusetts H120 strain and the other remained non-vaccinated. Three weeks after vaccination, both groups were challenged with IBRPR-05. The tracheal ciliostasis, and the viral load, histopathology and immunohistochemistry in trachea and kidney samples were evaluated. The viral loads, measured by quantitative real time RT-PCR, were higher in kidney than in trachea, and the most prominent histopathological changes were found in the kidneys. The renal lesions were characterized by the presence of nephritis with intense inflammation, tubular epithelial cell degeneration and necrosis. The H120 vaccine induced a partial protection against the infection of trachea and kidney tissues by this variant isolate. Thus, the Brazilian variant isolate IBVPR-05 was characterized in this study as a nephropathogenic pathotype and as a protectotype differing from Massachusetts vaccine strain of IBV. This indicates the importance to determine these biologic characteristics of other Brazilian variant IBV isolates, in order to implement more effective control measures of IBV infection in this country.

How to cite this article:

Filipe Santos Fernando, Maria de Fatima da Silva Montassier, Ketherson Rodrigues Silva, Cintia Hiromi Okino, Elisabete Schirato de Oliveira, Camila Cesario Fernandes, Marcio de Barros Bandarra, Mariana Costa Mello Goncalves, Mariana Monezi Borzi, Romeu Moreira dos Santos, Rosemeri de Oliveira Vasconcelos, Antonio Carlos Alessi and Helio Jose Montassier, 2013. Nephritis Associated with a S1 Variant Brazilian Isolate of Infectious Bronchitis Virus and Vaccine Protection Test in Experimentally Infected Chickens. *International Journal of Poultry Science, 12: 639-646.*

International Journal of Poultry Science

Year: 2013 | Volume: 12 | Issue: 11 | Page No.: 628-634

DOI: 10.3923/ijps.2013.628.634

Evaluation of Drip Test Sampling Plan in Carcasses of Frozen Broilers

Daisy Viviane Silva Santos, Ludmilla Santana Soares e Barros, Maria Tereza Leal Vargas Mascarenhas and Katia Cerqueira Lima

Abstract: Current assay evaluated the efficacy of the Drip Test Sampling Plan according to Brazilian legislation. The experiment was carried out in a poultry slaughterhouse under the official state supervision office, located in Recôncavo da Bahia, Brazil, between September 2011 and February 2012. Sample was prepared and its batch number was identified by the number of the truck to be unloaded on that day. One hundred and five samples were collected, with 10 chickens in each batch, for Internal Control Method. On the day after freezing, the Drip Test was conducted in 90 batches with 12 chickens each, totalizing 1.080 frozen chickens, according to the batch that had been analyzed the day before. Variables that involved the process were controlled by the industry's quality sector. The Drip Test was carried out according to the official methodology laid down by 210/1998 Ordinance of the Ministry of Agriculture, Livestock and Food Supply and compared to double the sampling plan. Results showed that the sample standard with an average of 6 carcasses was efficient when compared to the 12-carcass average.

How to cite this article:

Daisy Viviane Silva Santos, Ludmilla Santana Soares e Barros, Maria Tereza Leal Vargas Mascarenhas and Katia Cerqueira Lima, 2013. Evaluation of Drip Test Sampling Plan in Carcasses of Frozen Broilers. *International Journal of Poultry Science, 12: 628-634.*

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International Journal of Poultry Science

Year: 2013 | Volume: 12 | Issue: 11 | Page No.: 681-684

DOI: 10.3923/ijps.2013.681.684

Cestode Parasites of Free-Range Chickens (*Gallus gallus domesticus*) in the North-Eastern of Algeria

Medjouel Ilyes and Benakhla Ahmed

Abstract: A study was carried out on 144 local chickens (*Gallus gallus domesticus*), from rural area of El-Tarf to determine the prevalence of cestode parasites in the intestinal tract of the chickens. The overall prevalence rate was 88.19%, in the El-Tarf poultry. At least one species of cestodes was found on every chicken examined. Seven species of cestodes were identified in all; they had the following prevalences: *Raillietina echinobothrida* (83.33%), *Raillietina tetragona* (68.75%), *Raillietina cesticillus* (29.16%), *Hymenolepis carioca* (12.5%), *Choanotaenia infundibulum* (11.8%), *Davainea proglottina* (11.11%) and *Amoebotaenia cuneata* (4.16%). This study showed that there was no significant difference (p>0.05) between the prevalence of cestodes in relation to age and sex.

How to cite this article:

Medjouel Ilyes and Benakhla Ahmed, 2013. Cestode Parasites of Free-Range Chickens (*Gallus gallus domesticus*) in the North-Eastern of Algeria. *International Journal of Poultry Science, 12: 681-684.*

DOI: 10.3923/ijps.2013.681.684

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28 February, 2017

Ali Mohammed:

excellent write up at least it gives me a fore site.

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International Journal of Poultry Science

Year: 2013 | Volume: 12 | Issue: 11 | Page No.: 622-627

DOI: 10.3923/ijps.2013.622.627

Continuing Multiplication of *Salmonella enteritidis* Strains in Egg Yolk During Refrigeration at 7.2°C

Richard K. Gast and Rupa Guraya

Abstract: The continuing attribution of human illness caused by ***Salmonella enteritidis*** to the consumption of contaminated eggs has led to widespread implementation of risk reduction programs for commercial egg production, often emphasizing prompt refrigeration of eggs to prevent bacterial multiplication to dangerously high levels. However, microbial growth may not cease immediately inside warm eggs after transfer to refrigerated storage. The present study compared the abilities of 8 *S. enteritidis* strains (of 4 phage types) to continue multiplying in experimentally contaminated egg yolk during the first 24 h after transition from warm to refrigeration temperatures. After 15 mL samples of egg yolk were inoculated with 10 CFU/ml of *S. enteritidis*, they were incubated at 37°C for 16 h and then transferred into refrigeration at 7.2°C for 24 h. Bacterial cell concentrations were determined following 37°C incubation and again after both 8 and 24 h at 7.2°C. All 8 *S. enteritidis* isolates multiplied significantly during 16 h of incubation, reaching an overall mean of $\log_{10}$ 8.790 CFU/ml. After refrigeration, the observed mean values for cell concentrations in yolk samples were log10 8.780 CFU/mL at 8 h and log10 8.849 CFU/mL at 24 h. For 3 of 8 strains, a significant ($p<0.05$) increase in cell concentrations in egg yolk occurred during 24 h of refrigeration. These results support the importance of prompt egg refrigeration for minimizing the numbers of *S. enteritidis* in marketed table eggs, although refrigeration at 7.2°C may not immediately or completely arrest multiplication by all strains.

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