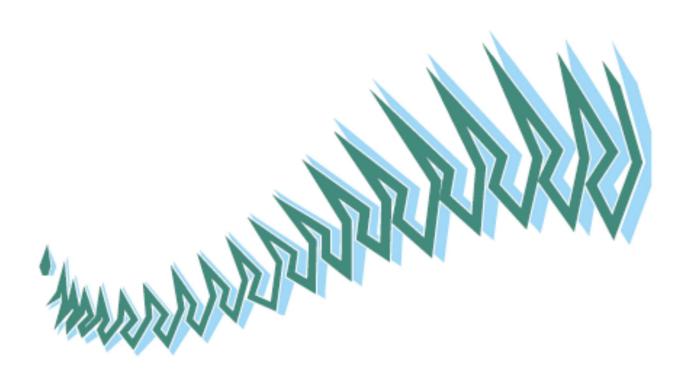
Journal of J. Indonesian Trop. Anim. Agric. plssn 2087-8273 elssn 2460-6278 the Indonesian Tropical Animal Agriculture

Accredited by DGRTPS No.: 164/E/KPT/2021 [2021-2026]

Vol. 47 No. 2 June 2022



Jointly Published by Faculty of Animal and Agricultural Sciences-Diponegoro University

and

Indonesian Society of Animal Agriculture (ISAA)

Journal of the Indonesian Tropical Animal Agriculture

J. Indonesian Trop. Anim. Agric.

pISSN 2087-8273 eISSN 2460-6278

JITAA Editorial Team

Editor in Chief

Prof. Dr. Joelal Achmadi

(SCOPUS ID = 6508225927, h-index = 6), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

Associate Editor

Prof. Dr. Agung Purnomoadi (SCOPUS ID = 6507402936, h-index = 6), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

Prof. Dr. Edv Kurnianto

(SCOPUS ID = 6603993144, h-index = 6), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

Dr. Titik Ekowati

(SCOPUS ID = 57194971663, h-index = 3), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

Retno Adiwinarti

(SCOPUS ID = 57191032648, h-index = 4), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

Dr. Sugiharto Sugiharto

(SCOPUS ID = 55829964000, h-index = 16), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

(SCOPUS ID = 57202092726, h-index = 3), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

Dr. Ari Prima

(SCOPUS ID = 57201186951, h-index = 2), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

International Editorial Board

Prof. Dr. Abdulmojeed Yakubu

(SCOPUS ID = 16481630000, h-index = 16), Faculty of Agriculture, Nasarawa State University, Keffi, Nigeria

Prof. Dr. Chalong Wachirapakorn

(SCOPUS ID = 6602450114, h-index = 17), Department of Animal Science, Khon Kaen University, Thailand

Prof. Dr. Takuro Oikawa

(SCOPUS ID = 7202442421, h-index = 11), Faculty of Agriculture, University of the Ryukyus, Japan

Prof. Dr. Sumeet Sharma

(SCOPUS ID = 55491666500, h-index = 4), Edmonton North Animal Hospital, Alberta, Canada

Prof. Dr. Vincenzo Tufarelli

(SCOPUS ID = 24282077900, h-index = 27) Department DETO, Section of Veterinary Science and Animal Production, University of Bari "Aldo Moro",

Prof. Dr. Anjas Asmara Samsudin (SCOPUS ID = 54401635800, h-index = 16), Faculty of agriculture, Universiti Putra Malaysia, Malaysia

Prof. Dr. Lili Warly

(SCOPUS ID = 6506822979, h-index = 7), Faculty of Animal Science, Andalas University, Padang, Indonesia

Dr. Sutaryo Sutaryo

(SCOPUS ID = 6504651252, h-index = 8), Faculty of Animal and Agricultural Sciences, Diponegoro University, Semarang, Indonesia

Prof. Dr. Anang Muhammad Legowo (SCOPUS ID = 56094377300, h-index = 3), Faculty of Animal and Agricultural Sciences, Diponegoro University, Indonesia

Prof. Dr. Cece Sumantri

(SCOPUS ID = 6601992915, h-index = 13), Faculty of Animal Science, Bogor Agricultural University, Indonesia

(SCOPUS ID = 7004847160, h-index = 8), Faculty of Agriculture, Gaziosmanpasa University, Turkey

Dr. Ni Wayan Kurniani Karja

(SCOPUS ID = 6602265583, h-index = 19), Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, Indonesia



cultural Sciences, Dipo Tembatang - Senarang 50275 HDONESIA Phone/Pax : 024 - 7474750 JITAA E-metic japot fluorilpogranii.com



er Mustrales the sketch of Leaves and aseds of legume and graw forming a helfolo's horn (designed by Agun;

CONTENTS

Effects of yellow mealworm larvae (<i>Tenebrio molitor</i>) and turmeric powder (<i>curcuma</i>) on laying hens performance, physical and nutritional eggs quality — A. Ait-Kaki, Y. Chebli, S. El Otmani, and N. Moula	87 - 96
Genetic diversity of fowl adenovirus serotype 8b isolated from cases of inclusion body hepatitis in commercial broiler chickens — N. M. Sohaimi, U. C. Clifford, and M. Hair-Bejo	97 - 106
Performance, carcass and meat quality of broilers raised at a high stocking density and supplemented with encapsulated <i>Cosmos caudatus</i> K. leaf extract — S. D. Pawesti, E. Widiastuti, R. Murwani, H. I. Wahyuni, T. Yudiarti, T. A. Sartono, and S. Sugiharto	107 - 118
Effect of coconut husk extract on broiler chicken performance, pH and microbial composition of digesta, and small intestine histomorpholog — R. Rusdi, A. Hasanuddin, M. Mulyati, and F. Fatmawati	119 - 127
Effect of addition of different citrus juice on the quality of se'i made from the meat of cull Bali cows with different body condition scores — G. E. M. Malelak and I. G. N. Jelantik	128 - 137
A survey of Muscovy duck production in rural areas of Tra Vinh Province, Vietnam — N. T. Linh, N. T. K. Dong, and N. V. Thu	138 - 145
Farmer's perceptions on risk and determinants of risk management strategy in integrated cattle and crops farming systems — W. Roessali, M. Mukson, S. Nurfadillah, and K. Budiraharjo	146 - 154
Sustainability of beef cattle farming production system in South Konawe Regency, Southeast Sulawesi — A. E. T. Sulfiar, B. Guntoro, B. A. Atmoko, and I. G. S. Budisatria	155 - 165
Author Index	166
Acknowledgment	167

Journal of the Indonesian Tropical Animal Agriculture [JITAA-pISSN 2087-8273 and eISSN 2460-6278, formerly Journal Pengembangan Peternakan Tropis-JPPT] is accredited by Directorate General of Research, Technology and Public Services - Ministy of Education, Culture, Research and Technology No. 164/E/KPT/2021 for a period of five years since December 27, 2021.

JITAA is jointly published by Faculty of Animal and Agricultural Sciences - Diponegoro University and Indonesian Society of Animal Agriculture in March, June, September and December. All right reserved.

JITAA is indexed by Scopus, ESCI (emerging sources citation index), ACI (Asean citation index), DOAJ (direct open access journal), Google scholar, CAB International, EBSCO, SHERPA/ROMEO, IPI (indonesian Publication index), Sinta-Science and Technology index, Feedipedia, and Crossref.

The journal receives original papers in animal agriculture which should not have been previously published or is not being considered for publication elsewhere.

The annual subscription for printed journal is IDR 500.000,00 for domestic and US\$ 60.00 for overseas per year included mailing cost.