

## STAFF HANDBOOK

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Post : Teknologi Pakan, Mikotoksikologi.

Academic carrer : S1 UGM Peternakan  
S2 Univ. of Queensland Australia - Animal Science &  
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S3 Utah State University - Ruminant Nutrition

### Research over the last 5 years

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
1.	Strategi Pengembangan Pakan Suplemen Alternatif Sapi Perah Berbasis Bahan Lokal dan Proses Adopsi Inovasinya untuk Meningkatkan Produktivitas	2020	PTUPT, PTNBH-Kemenristekdikti
2.	Pengaruh Penyimpanan yang Berbeda Terhadap Kualitas Hay dan Pellet Hijauan	2020	Hibah Tematik Laboratorium Fakultas Peternakan UGM
3.	Kecernaan In Vitro Jerami Padi Dengan Suplementasi Tepung Gaplek dan Sumber Protein (Protein Meal dan Daun Ketela Pohon) pada Imbangan yang Berbeda	2019	RTA UGM
4.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat	2019	Penelitian Terapan Unggulan Perguruan Tinggi, Ristekdikti
5.	Strategi Pengembangan Sapi Bali Cross Angus Sebagai Penghasil Daging Premium Melalui Manipulasi Pakan	2019	Penelitian Dasar, Ristekdikti
6.	Profitable feeding strategies for smallholder cattle in Indonesia (2017-2020) Periode	2019	Australia Centre for International Agricultural Research (ACIAR)
7.	Konsumsi, Kecernaan In Sacco dan Parameter Fermentasi Rumen Sapi Peranakan Ongole dengan Pakan Basal Jerami Padi dengan Suplementasi Gaplek dan Bungkil Inti Sawit pada Proporsi yang Berbeda	2019	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
8.	Eco Efficiency dan dan Motivasi Peternak Sapi Sistem Penggemukan di Kecamatan Piyungan Bantul Yogyakarta	2019	Hibah Pascasarjana Fakultas Peternakan UGM
9.	Penurunan Toksisitas Aflatoxin B1 pada Broiler Menggunakan Kombinasi Sistein dan Metionin dalam Pakan	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
10.	Suplementasi Pakan Sumber Lemak dan Protein Terproteksi Terhadap Produksi dan Kualitas Susu Sapi Perah	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti
11.	Profitable Feeding Strategies For Smallholder Cattle in Indonesia: Kurva Respons Kenaikan Berat Badan Sapi Ongole Jantan terhadap Peningkatan Level Legume Pohon dengan Gaplek	2018	ACIAR, Australia
12.	Penelitian "Kualitas Fisik Mineral Block dengan Campuran Air dan Garam Pada Level yang Berbeda"	2018	Mandiri
13.	Keceraaan dan Karakteristik Fermentasi In Vitro Jerami Padi dengan Suplementasi Gaplek dan Protein Meal pada Level yang Berbeda	2018	Mandiri
14.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat (Tahun 2)	2018	Penelitian Terapan Unggulan Perguruan Tinggi (PTUPT), Ristekdikti
15.	Strategi Pengembangan Sapi Bali Cross Angus sebagai Penghasil Daging Premium Melalui Manipulasi Pakan	2018	Penelitian Strategis Nasional (PSNI), Ristekdikti
16.	Profil Biokimia Darah dan Hormon Steroid pada Kambing Peranakan Ettawa yang Dipelihara Secara Semi Intensif	2018	Penelitian Pendidikan Magister menuju Doktor untuk Sarjana Unggul (PMDSU), Ristekdikti
17.	Pengaruh Penggunaan Pakan Komplit Fermentasi Atau Silase Sebagai Pengganti Hijauan Pakan Terhadap Produksi dan Kualitas Susu Sapi Peranakan Fresian Holstein	2018	Hibah Tematik Laboratorium, Fakultas Peternakan UGM
18.	Komposisi Nutrien, Kualitas Fisik dan Kimia Pakan Komplit Fermentasi yang Diinokulasi dengan Inokulum Komersial Berbeda	2018	Dana Internal Laboratorium, Fakultas Peternakan UGM
19.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat (Tahun I) (Anggota)	2017	PUPT, DIKTI
20.	Pengaruh Nutrisi dan Hormon Metabolik terhadap Fertilitas pada Induk Sapi Peranakan Friesian Holstein di Peternakan Rakyat (Anggota)	2017	PMDSU
21.	Penurunan Toksisitas Aflatoxin B1 pada Broiler Menggunakan Kombinasi Sistein dan Metionin dalam Pakan (Anggota)	2017	PMDSU
22.	Suplementasi Pakan Sumber Lemak dan Protein Terproteksi Terhadap Produksi dan Kualitas Susu	2017	PMDSU

<b>No.</b>	<b>Judul Penelitian Research Title</b>	<b>Tahun Year</b>	<b>Sumber Dana Source of Funds</b>
	Sapi Perah (Anggota)		
23.	Pakan Komplit Terfermentasi: Nilai Kecernaan vs. Konservasi	2017	Tematik Laboratorium Fak. Peternakan UGM
24.	Suplementasi Sumber Energi Cepat Terdegradasi dan Asam Lemak Rantai Panjang pada Pakan Campuran Rumput-Legum: Efek pada Kecernaan, Karakteristik Fermentasi Rumen, dan Produksi Gas Metan secara In Vitro	2017	Hibah Pascasarjana Fak. Peternakan UGM
25.	Seleksi Berat Sapih untuk Menghasilkan Pejantan dan Induk Unggul pada Sapi Peranakan Ongole di Kabupaten Kebumen Jawa Tengah (Anggota dari 4 Peneliti)	2016	PUPT DIKTI
26.	Prospek Pengembangan Benih Rumput untuk Menyediakan Bibit Hijauan Makanan Ternak di Indonesia: Metode penanaman dan pemanenan yang berbeda terhadap produksi dan kualitas benih <i>Brachiaria</i> sp. (Anggota dari 4 Peneliti)	2016	DIKTI
27.	Peningkatan Produktivitas Induk Sapi Bali di Peternakan Rakyat Timor Perbatasan Berbasis Low Input Farming System (Anggota dari 4 Peneliti)	2016	STRANAS DIKTI
28.	Evaluasi Status Nutrisi dan Upaya Perbaikannya untuk Meningkatkan Produktivitas Peternakan Sapi Perah Rakyat (Anggota dari 3 Peneliti)	2016	PUPT DIKTI
29.	Suplementasi Pakan Sumber Lemak dan Protein Terproteksi Terhadap Produksi dan Kualitas Susu Sapi Perah (Anggota dari 4 Peneliti)	2016	PMDSU DIKTI
30.	Pengaruh Nutrisi dan Hormon Metabolik terhadap Fertilitas pada Induk Sapi Peranakan Friesian Holstein di Peternakan Rakyat (Anggota dari 4 Peneliti)	2016	PMDSU DIKTI
31.	Kajian Kandungan Saponin pada Beberapa Varietas <i>Brachiaria</i> dan Efeknya pada Kecernaan Pakan secara In Vitro (Anggota dari 3 Peneliti)	2016	FUNDAMENTAL, DIKTI
32.	Pengaruh Penggunaan Aditif pada Pembuatan Silase Hijauan Sorghum Vulgare terhadap Kualitas Silase yang Dihasilkan (Anggota dari 9 Peneliti)	2016	Hibah Penelitian Tematik Laboratorium Fakultas Peternakan UGM
33.	Penurunan Toksisitas Aflatoxin B1 pada Broiler Menggunakan Kombinasi Sistein dan Metionin dalam Pakan (Anggota dari 5 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM
34.	Nilai Kecernaan in Sacco dan in Vitro serta Karakteristik Fermentasi Rumen Complete Feed dari Limbah Industri Kerupuk Ikan Remang (Congresox talabon) sebagai Sumber Protein Pakan Alternatif (Ketua dari 5 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM

No.	Judul Penelitian <i>Research Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
35.	Evaluasi Metode Proteksi Bahan Pakan Sumber Lemak dan Protein terhadap Degradasi Protein dan Lemak secara In Sacco dan In Vitro (Anggota dari 5 Peneliti)	2016	Hibah Pascasarjana Fakultas Peternakan UGM

#### Community Service over the last 5 years

No.	Judul Kegiatan <i>Activity Title</i>	Tahun <i>Year</i>	Sumber Dana <i>Source of Funds</i>
1.	Pengenalan Formulasi Ransum Sederhana untuk Sapi Potong di Kelompok Ngudi Raharjo Blimbingan, Tambakrejo, Tempel, Sleman	2020	Hibah Tematik Pengabdian Laboratorium Fakultas Peternakan UGM
2.	Pengenalan Fermented Complete Feed dan Mineral Block Sebagai Upaya Peningkatan Produktivitas Ternak di Kelompok Ngudi Raharjo Blimbingan, Tambakrejo Tempel Sleman	2019	Fakultas Peternakan Universitas Gadjah Mada
3.	Pendampingan Peningkatan Nilai Ekonomi Melalui Pemanfaatan Limbah Organik dan Penguatan Kelembagaan pada Kelompok Ternak Sapi Potong di TPS Piyungan Bantul	2019	Fakultas Peternakan Universitas Gadjah Mada
4.	Pemateri Kuliah Gratis: Bagimu Petani, Kami Mengabdi "Pakan Ternak Berkualitas"	2019	Fakultas Peternakan UGM
5.	Ransum Ternak Berkualitas (Formulasi Ransum). Materi Kuliah Gratis Bagimu Petani Kami Mengabdi	2018	Fakultas Peternakan UGM
6.	Pengenalan Teknologi Pakan di Kelompok Ternak Ngudi Raharjo Blimbingan, Tambakrejo, Tempel, Sleman	2018	Hibah Pengabdian Tematik Laboratorium Fakultas Peternakan UGM
7.	Pembinaan KWT Gama Turgo Lestari (Pemeliharaan Kambing Perah)	2018	Mandiri
8.	Ransum Ternak Berkualitas (Kuliah Gratis "Bagimu Petani Kami Mengabdi")	2017	Dana Tidak Mengikat
9.	Pendampingan Peningkatan Pendapatan Peternak Kambing PE Melalui Teknologi Reproduksi dan Pengolahan Pakan Lokal pada Kelompok Ternak Akursari Samigaluh Kulonprogo	2017	Hibah Pascasarjana Fak. Peternakan UGM
10.	Pendampingan Usaha Peternakan Sapi Terpadu di Kelompok Ternak Sapi Kandang Kalimasodo, Desa Karang Dukuh, Jogonalan, Klaten	2017	Hibah Pascasarjana Fak. Peternakan UGM
11.	Penerapan Hijauan Pakan Sebagai Anthelmentik Alami pada Kambing di Kelompok Wanita Tani di Dusun Banyusoco, Playen, Gunungkidul	2017	Hibah Pascasarjana Fak. Peternakan UGM
12.	Sosialisasi Recording Online di PERKKANAS, Kulon Progo	2017	Swadaya

**Important publications over the last 5 years**

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
1.	Determination of in vitro Gas Production Kinetics by Adding <i>Leucaena leucocephala</i> and Corn Oil to the Ration in Different Ratios (CT <b>Noviandi</b> , K Kustantinah, A Irawan, BP Widyobroto, A Astuti)	2021	Iranian Journal of Applied Animal Science 11 (1), 23-31
2.	Effect of <i>Leucaena leucocephala</i> and corn oil on ruminal fermentation, methane production and fatty acid profile: An in vitro study (Irawan, A., <b>Noviandi, C.T.</b> , Kustantinah, Widyobroto, B.P., Astuti, A., Ates, S.)	2021	Animal Production Science, 2021, 61(5), pp. 459–469
3.	Effect of <i>Leucaena leucocephala</i> and corn oil on ruminal fermentation, methane production and fatty acid profile: an in vitro study (Agung Irawan, <b>Cuk Tri Noviandi</b> , Kustantinah, Budi Prasetyo Widyobroto, Andriyani Astuti, Serkan Ates)	2020	Animal Production Science, Volume 60(19), 2020: 2199-2210
4.	In vitro digestibility and ruminal fermentation profile of ruminant diet in response to substitution of mixture feedstuff protected (Wulandari,, Widyobroto, B.P., <b>Noviandi, C.T.</b> , Agus, A.)	2020	Livestock Research for Rural Development, 2020, 32(12)
5.	Behavior and blood profile in Friesian-Holstein dairy cows in the special region of Yogyakarta, Indonesia (Hudaya, M.F., Sitaresmi, P.I., <b>Noviandi, C.T.</b> , Widyobroto, B.P., Widayati, D.T.)	2020	Journal of Animal Behaviour and Biometeorology, 2020, 8(4), pp. 244–249
6.	In vitro digestibility and ruminal fermentation profile of pangola grass ( <i>Digitaria decumbens</i> ) supplemented with crude palm oil protected by sodium hydroxide (Wulandari,, Widyobroto, B.P., <b>Noviandi, C.T.</b> , Agus, A.)	2020	Livestock Research for Rural Development, 2020, 32(7)
7.	Survey of aflatoxin B1 contamination in broiler feed from small-scale farms in Special Region of Yogyakarta, Indonesia (Al Anas, M., Mira Yusiati, L., <b>Noviandi, C.T.</b> , Agus, A.)	2020	Livestock Research for Rural Development, 2020, 32(4)
8.	Effect of methionine supplementation on intestinal morphology in broilers infected with aflatoxicosis B1 (Anas, M.A., Yusiati, L.M., <b>Noviandi, C.T.</b> , Agus, A.)	2020	Livestock Research for Rural Development, 2020, 32(3)
9.	The Effect of Soybean Meal Heating Time on the in vitro (Wulandari, W., Widyobroto, B.P., <b>Noviandi, C.T.</b> , Agus, A.)	2020	Iranian Journal of Applied Animal Science, 2020, 10(4), pp. 595–601
10.	Pengaruh Pemberian Asam Amino	2020	Jurnal Ilmu Ternak

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Metionin-Sistin Pada Pakan Yang Terkontaminasi Aflatoxin B1 Terhadap Mortalitas Dan Kinerja Organ Dalam Ayam Broiler (L Purnamasari, A Agus, <b>CT Noviandi</b> )		Universitas Padjadjaran 20 (1), 46-55
11.	Nutrient Quality and in Vitro Digestibility of Bio-Ammoniated Rice Straw Bales ( <b>Cuk Tri Noviandi</b> , Dibya Ratnopama, Ali Agus, and Ristianito Utomo)	2020	Buletin Peternakan44 (3): 81-84
12.	The use of oil palm fronds as an energy source for pregnant Bali cow ration and its effect on the cow's performances (Ida Ketut Mudhita Mahosadi, Endang Baliarti, Subur Priyono Sasmito Budhi, Nafiatul Umami, <b>Cuk Tri Noviandi</b> , I Gede Suparta Budisatria)	2020	International Journal of Agriculture, Forestry and Plantation, Volume 10(10), 2020: 356-360
13.	Microenvironment identification and the feed availability for dairy cows during dry and wet seasons in the main dairy areas of Yogyakarta–Indonesia (BP Widyobroto, <b>CT Noviandi</b> , A Astuti)	2019	Journal of Animal Behaviour and Biometeorology 7 (2), 86-91
14.	The Effects of Storing Ceara Rubber ( <i>Manihot glaziovii</i> ) Leaves in Different Forms on Crude Protein and Carotene Contents (Ristianito Utomo, <b>Cuk Tri Noviandi</b> , Subur Priyono Sasmito Budhi, Ali Agus and Aryo Mufti Prananda)	2019	Pakistan Journal of Nutrition 2019, 18 (5): 212-215
15.	Physiological Response on Broiler Chicken's Liver Supplemented Amino Acid Metionine-Cystine in Feed Contaminated with Aflatoxin B1 (Listya Purnamasari, Ali Agus, <b>Cuk Tri Noviandi</b> )	2019	Journal of Livestock Science and Production 3(1): 136-147
16.	Effects of Methionine-Cysteine Amino Acid Supplementations in the Aflatoxin B1 Contaminated Diet on Broiler Production Performance (Listya Purnamasari, Ali Agus*, <b>Cuk Tri Noviandi</b> )	2019	Buletin Peternakan 43 (4): 231-236
17.	The effect of dietary protein and energy supplementation on in vitro-rumen characteristics and digestibility of Bali bulls (Tavares, L., Noviandi, C.T., Baliarti, E., Widi, T.S.M.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012048
18.	In vitro digestibility of ruminant diet in response to protected feed substitution (Wulandari,, Widyobroto, B.P., <b>Noviandi, C.T.</b> , Agus, A.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012113
19.	Nutrient intake of lactating dairy cows during the wet and dry seasons in Sleman,	2019	IOP Conference Series: Earth and Environmental Science,

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Yogyakarta (Astuti, A., Rochijan,, Widyobroto, B.P., <b>Noviandi, C.T.</b> )		2019, 387(1), 012067
20.	Response of Bali cattle compared to Bali crossed Angus on concentrate feeding (Putra, B.W., <b>Noviandi, C.T.</b> , Rusman, Widi, T.S.M., Baliarti, E.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012089
21.	Rumen fermentation characteristics of Ongole crossbred bulls in response to different inclusion levels of dried cassava chips and palm kernel cake (Latiefah, S., <b>Noviandi, C.T.</b> , Agus, A., Utomo, R., Quigley, S., Poppi, D.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012117
22.	A comparison of three highly fermentable carbohydrate sources (corn, cassava powder or cassava pulp) on in vitro digestion (Putridinanti, A.D., <b>Noviandi, C.T.</b> , Gunawan, Agus, A., Harper, K., Poppi, D.)	2019	IOP Conference Series: Earth and Environmental Science, 2019, 387(1), 012106
23.	Antibacterial and immunomodulator activities of virgin coconut oil (VCO) against Staphylococcus aureus (Widianingrum, D.C., <b>Noviandi, C.T.</b> , Salasia, S.I.O.)	2019	Heliyon, 2019, 5(10), e02612
24.	Effect of composted animal manure as fertilizer on productivity of Azolla Pinnata grown in earthen ponds (Utomo, R., <b>Noviandi, C.T.</b> , Umami, N., Permadi, A.)	2019	OnLine Journal of Biological Sciences, 2019, 19(4), pp. 232-236
25.	Kecernaan dan Karakteristik Fermentasi Rumen In vitro Ransum Ruminansia dengan Suplementasi Virgin Coconut Oil (VCO) Terproteksi (DC Widianingrum, SIO Salasia, <b>CT Noviandi</b> )	2019	Prosiding Seminar Nasional Teknologi Peternakan dan Veteriner, 168-176
26.	The Effects of Storing Ceara Rubber (Manihot glaziovii) Leaves in Different Forms on Crude Protein and Carotene Contents (Ristiano Utomo, <b>Cuk Tri Noviandi</b> , Subur Priyono Sasmito Budhi, Ali Agus and Aryo Mufti Pranand)	2019	Pak. J. Nutr., 18 (3): 211-215, 2019
27.	Dairy Cows Productivity and Socio-Economic Profile of Dairy Smallholder's Communities in Yogyakarta, Indonesia (Widyobroto, B.P., Rochijan, R., <b>Noviandi, C.T.</b> , Astuti, A.)	2018	IOP Conference Series: Earth and Environmental Science, 2018, 119(1), 012060
28.	The effect of planting material on nutrient quality and production of brachiaria spp. In Yogyakarta, Indonesia (Umami, N., Widodo, S., Suhartanto, B., Suwignyo, B., Suseno, N., <b>Noviandi, C.T.</b> )	2018	Pakistan Journal of Nutrition, 2018, 17(12), pp. 671-676
29.	Produksi Hijauan Padang Penggembalaan	2018	Prosiding Seminar Teknologi

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Alam Di Posto Administrativo Balibo Dan Atabae, Municipio Bobonaro, Timor-Leste (Luis Tavares, Endang Baliarti, Cuk Tri Noviandi, Tri Satya Mastuti Widi)		Agribisnis Peternakan (STAP) Fakultas Peternakan Universitas Jenderal Soedirman, 6: 239-242
30.	In Vitro Digestibility of Native Grass Silage Supplemented with <i>Leucaena leucocephala</i> (RA Putra, <b>CT Noviandi</b> , N Umami)	2018	Proceeding of the 2nd International Conference on Tropical Agriculture, 225-231
31.	Pengaruh Senyawa Tanin Terhadap Nilai Degradasi Berdasarkan Produksi Gas Hasil Fermentasi Beberapa Spesies Hijauan Pakan Ternak (Fajar Ajimukti Atmojo, Kustantinah Kustantinah, Zuprizal Zuprizal, Nanung Dandar Dono, Edwin Indarto, Insani Hubi Zulfa, <b>Cuk Tri Noviandi</b> )	2018	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2018 Dalam Rangka Dies Natalis ke-49 Fakultas Peternakan UGM, 62-64
32.	Nitrogen Balance of Flemish Giant Rabbit Fed <i>Azolla pinnata</i> as Substitution For Copra Meal (Ristianto Utomo, Nafiatul Umami, Cuk Tri Noviandi, Aditya Permadi)	2018	Proceedings of the 10th International Symposium on the Nutrition of Herbivores (ISNH 2018), Volume 9, Issue 3, ISSN: 2040-4700. 2-6 September 2018, Clermont-Ferrand, France, pp 566. <a href="https://symposium.inra.fr/isnh2018">https://symposium.inra.fr/isnh2018</a> . Penerbit: Cambridge University Press
33.	In vitro digestibility and ruminal fermentation characteristic of fermented rice straw supplemented with tapioca by-product, palm kernel cake, and copra meal ( <b>Noviandi C.T.</b> , Astuti A., Agus A., Utomo R.)	2018	Proceedings of the 10th International Symposium on the Nutrition of Herbivores (ISNH 2018), Volume 9, Issue 3, ISSN: 2040-4700. 2-6 September 2018, Clermont-Ferrand, France, pp 494. <a href="https://symposium.inra.fr/isnh2018">https://symposium.inra.fr/isnh2018</a> . Penerbit: Cambridge University Press
34.	The feed availability for dairy cows during dry and wet seasons in the main dairy areas of Yogyakarta–Indonesia (Widyobroto B.P., Rochijan, <b>Noviandi C.T.</b> , Astuti A.)	2018	Proceedings of the 10th International Symposium on the Nutrition of Herbivores (ISNH 2018), Volume 9, Issue 3, ISSN: 2040-4700. 2-6 September 2018, Clermont-Ferrand, France, pp 740. <a href="https://symposium.inra.fr/isnh2018">https://symposium.inra.fr/isnh2018</a> . Penerbit: Cambridge University Press
35.	Comparisons in Morphometric Performances	2018	The 4th International Seminar



No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	of Bali and BaliCross Angus Weaning Female Cattle Using Digital ImageMeasurement Technique (Bramada Winiar Putra, Novadhila Rahmi, <b>Cuk Tri Noviandi</b> , Rusman, Endang Baliarti)		of Animal Industry 2018 Bogor, August 28-30, 2018. Faculty of Animal Science, Bogor Agricultural University (FAS-IPB)
36.	Exterior and Morphometric Characteritics of Bali Cattle and Their Crossed with Angus and Ongole Grade Cattle in Bungo, Jambi Province (Rahmi, N., Baliarti, E., Panjono, Widi, T.S.M., <b>Noviandi</b> , <b>C.T.</b> , Putra, B.W. & Putra, D.T.)	2018	E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 451
37.	Growth, Production and Seed Quality of Brachiaria brizantha cv. Mg 5 Under Different Planting Space (Nafiatul Umami, Asrie Hardianing Indra Kusuma, Cuk Tri Noviandi)	2018	Buletin Peternakan Vol. 42 No. 3. Hal. 210-214.
38.	Growth Performance of Male Bali Cattle Fattening Fed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia	2017	Asian Journal of Animal Sciences Vol. 11 No. 2: 65-73, 2017. ISSN 1819-1878 DOI: 10.3923/ajas.2017.65.73
39.	The effect of duration of storage and storage method on chemical composition and in vitro digestibility of complete calf pellet .	2017	Italian Journal of Animal Science 2017; volume 16: supplement 1. Page: 100. ISSN: 1594-4077 eISSN: 1828-051X. <a href="http://tandfon.line.com/tjas">http://tandfon.line.com/tjas</a> . Publisher: Taylor & Francis Group.
40.	In Vitro Degradation and Rumen Fermentation Characteristics of Soybean Meal Protected with Different Levels of Formaldehyde	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 73-78. ISBN: 978-979-1215-29-9
41.	Chemical Composition and In Sacco Degradation of Fish Waste Meal as Alternative Protein Feed Source	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 85-89. ISBN: 978-979-1215-29-9
42.	The Effect Additional of Sodium Carbonate as Buffer in Utilization of Tofu Byproduct Lactic Acid Bacteria Fermentation as Basal Ration on Rumen Fermentation Bligon Goat During Lactation	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia.

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			Pages: 112-116. ISBN: 978-979-1215-29-9
43.	In Vitro Digestibility of Timor-Leste Native Grass Supplemented with <i>Leucaena leucephala</i> and <i>Corypha elata</i> Robx.	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 156-160. ISBN: 978-979-1215-29-9
44.	The Effect of Rhizobium Inoculation and Harvesting Time on the Quality and Biomass Productivity of Peanut Straw ( <i>Arachis hypogea</i> ) in Sandy Soil	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 178-184. ISBN: 978-979-1215-29-9
45.	Digestibility and Ruminal Fermentation Characteristic of Native Grass Silage Supplemented with Different Levels of <i>Leucaena leucocephala</i>	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 189-195. ISBN: 978-979-1215-29-9
46.	Quality of Sorghum Silage Fermented with Starch of Gebanga Flour ( <i>Corypha gebanga</i> ) and Lactic Acid Bacteria as Additives	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 196-199. ISBN: 978-979-1215-29-9
47.	In Vitro Digestibility of Fermented Rice ( <i>Oryza sativa</i> ) Straw and Cassava ( <i>Manihot utilissima</i> ) Leaves Basal Feed Supplemented with Cassava Tuber	2017	The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 205-208. ISBN: 978-979-1215-29-9
48.	Growth Performance of Male Bali Cattle Fattening Fed Ration with Different Protein Levels in Smallholder Farms, West Timor, Indonesia	2017	Asian Journal of Animal Sciences Vol. 11(2):65 - 73 · February 2017. ISSN 1819-1878 DOI: 10.3923/ajas.2017.65.73 URL: <a href="http://scialert.net/abstract/?doi=ajas.2017.65.73">http://scialert.net/abstract/?doi=ajas.2017.65.73</a> . Publisher: Science Alert
49.	In vitro digestibility of native grass silage supplemented with <i>Leucaena leucocephala</i>	2017	The 2nd International Conference on Tropical

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
			Agriculture (ICTA), 2017. Program and Abstract Book. UGM, Yogyakarta, Indonesia, 26–27 October 201. Page: 124
50.	The Effect of Organic Fertilizer on Productivity of <i>Azola pinnata</i>	2017	Present at The 5th International Seminar of Animal Nutrition & Feed Science (ISAINI), Mataram-Indonesia, 7-9 November 2017.
51.	In Vitro Degradability of Corn Stover Supplemented with Garlic ( <i>Allium sativum</i> )	2017	Present at The 5th International Seminar of Animal Nutrition & Feed Science (ISAINI), Mataram-Indonesia, 7-9 November 2017.
52.	Penambahan Ubi Kayu pada Waktu Berbeda dalam Pakan Basal Jerami Padi Fermentasi sebagai Upaya Meningkatkan Daya Cerna secara In Vitro (Addition of Cassava in the Basal Feed Based on Rice Straw Fermentation to Improve the Digestibility In Vitro on the Bali Cattle).	2017	Buletin Peternakan Vol. 41 (4): 399-406. November 2017 ISSN-0126-4400 E-ISSN-2407-876X. Penerbit: Fakultas Peternakan UGM, Yogyakarta
53.	Kecernaan In Vitro Jerami Jagung yang Disuplementasi Jahe ( <i>Zingiber officinale</i> ) pada Level yang Berbeda (Penulis ke-1 dari 6)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 31-35
54.	Pengaruh Penggunaan Aditif pada Kualitas Silase Hijauan Sorghum Vulgare (Penulis ke-2 dari 8)	2016	Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 63-69
55.	In Vitro Digestibility of Fermented Rice Straw Supplemented with Cassava Tuber and Leaves Using Ruminant Fluid of Bali Cattle (Penulis ke-1 dari 6)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
56.	Calf Birth Weight and Post Partum Estrus Bali Cow Fed Complete Feed From Palm	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Oli Plantation in Central Borneo Indonesia (Penulis ke-5 dari 8)		Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
57.	Genetic Diversity of Ongole Crossbred Cattle in Kebumen based on MC4R Gene (Penulis ke 8 dari 8)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
58.	Rumen Contents from Slaughter House as Alternative Feed for Replacing Forage in Ruminant Diets (Penulis ke-3 dari 4)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
59.	Nutrients Quality of Fermented Complete Feed Based on By-Product of Sago (Metroxylon sp.) and Cassava (Manihot esculenta Cranz) (Penulis ke-3 dari 3)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
60.	The Effects of Coconut Meat waste as Feed Alternative in Sheep Ration on Cholesterol Content and Meat Quality (Penulis ke-2 dari 4)	2016	Proceedings of The 17 <sup>th</sup> Asian-Australasian Association of Animal Production Societies Animal Science Congress, 22-25 August 2016, Fukuoka Japan
61.	Effect of Bali Cattle Urine on Legume Cover Crop Peuro ( <i>Peuraria javanica</i> ) Productivity on an East Borneo Oil Palm Plantation (Penulis ke-5 dari 8)	2016	Pakistan Journal of Nutrition 15(5): 406-411.
62.	Feed Evaluation Based on Tannin Content and Gas Production of Twelve Tropical Feedstuffs (Penulis ke-6 dari 6)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
63.	Estimation of Genetic Diversity within and among <i>Brachiaria</i> Sp. distribution Revealed by RAPD Marker (Penulis ke-4 dari 4)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
64.	Quality Sorghum Silage Added with Palm Liquid Sugar and Lactic Acid Bacteria (Penulis ke-3 dari 4)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
65.	Generative Plant Growth Characteristic Of	2016	Proceedings of the 1 <sup>st</sup> UGM

No.	Judul Publikasi <i>Publication Title</i>	Tahun <i>Year</i>	Penerbit <i>Publisher</i>
	Alfalfa ( <i>Medicago sativa</i> L.) By Additional Dolomite and Lighting Duration Treatment (Penulis ke-4 dari 7)		International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
66.	Estimation of MPPA (Most Probable Producing Ability) Value of Kebumen Ongole Crossbreed Cattle Based on Offsprings Weaning Weight (Penulis ke-4 dari 6)	2016	Proceedings of the 1 <sup>st</sup> UGM International Conference on Tropical Agriculture (ICTA), 25-26 October, 2016. Yogyakarta, Indonesia
67.	Kajian Produksi Aflatoksin B1 Kasar dari Isolat Kapang <i>Aspergillus Flavus</i> Lokal pada Media Jagung dan Jagung+Kacang Tanah (Penulis ke-3 dari 3)	2016	Buletin Peternakan Vol. 40 No. 2 (2016): 133-137. ISSN: 0126-4400

### Courses

1. Rancangan Percobaan
2. Teknik Laboratorium dan Penelitian Nutrisi Makanan Ternak
3. Teknologi dan Fabrikasi Pakan
4. Bahan Pakan dan Formulasi Ransum
5. Manajemen Industri Pakan
6. Instrumentasi Nutrisi dan Makanan Ternak
7. Fabrikasi Pakan
8. Desain Penelitian
9. Bioteknologi Pakan
10. Pengembangan Pakan Fungsional
11. Kode etik dan etika profesi insinyur
12. Profesionalisme Keinsinyuran
13. Keselamatan, Kesehatan, Keamanan Kerja dan Lingkungan
14. Studi Kasus
15. Seminar, Workshop dan Diskusi
16. Praktek Keinsinyuran

### Achievements/Awards

No.	Prestasi/Penghargaan <i>Achievements/Awards</i>	Tahun <i>Year</i>
1.	Dosen favorit (Dies Fakultas Peternakan UGM 2020)	2020
2.	Dosen dengan publikasi terbanyak (Dies Fakultas Peternakan UGM 2020)	2020