



The 1st INTERNATIONAL CONFERENCE ON AGRICULTURE AND BIOINDUSTRY (ICAGRI)

Ruang Dekan Fakultas Pertanian Universitas Syiah Kuala
Jl. Tgk. Hasan Krueng Kalee, No. 3 Kopelma Darussalam,
Banda Aceh 23111 Indonesia



Parallel Session 1

Room	: ACEH 1	
Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Indera Sakti Nasution, S.TP., M.Sc	
Paper ID	Author	Title of Paper
58	Annisa Dwi Astari*, Wagiman, Makhmudun Ainuri, Muh. Prasetya Kurniawan, Ibnu Titis Budi Setiyawan	Analysis of Biogas Production Made from Oil Palm Empty Fruit Bunches (OPEFB) Using Anaerobic Batch Reactor (ABR)
26	Faris Abdurrahman*, Almawardi Muhammad, Muhammad Fahmi Ihsan, Karebet Widjajakusuma	Study on The Impact of The Existence of Bottled Drinking Water Plant Against The Water Availability in The Village, Case Study in Kebonpeuteuy Village, Gekbrong District, Cianjur Regency
59	Salfauqi Nurman*, Ruka Yulia, Irmayanti Irmayanti, Erliza Noor, Titi Candra Sunarti	The Potential of Arabica Coffee Grounds Nanoparticles as an Active Compound of Pharmaceutical Preparations
82	Delza Maridhi*, Irfan, Ismail Sulaiman	Optimization of Sago Pulp Bokasi With Addition of Adhesive and Drying Methods
99	Hifnalisa*, Abubakar, Syakur, Asmarlaili Sahar, T. Sabrina	P Status of Andisol and Its Correlation With P Content of Arabica Coffee Leaves in Bener Meriah District
83	Muhammad Rizwan*, A Rauf, Rahmawaty, E N Akub	Changes in Soil Chemical Properties in Agroforestry System at Usu Arboretum Kwala Bekala

Organized by:
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Parallel Session 1

Room	: ACEH 2	
Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Mhd. Ikhsan Sulaiman, S.TP., M.Sc.	
Paper ID	Author	Title of Paper
60	Guntarti Tatik Mulyati*, M. Maksum, B. Purwantana, M. Ainuri	Workload of Rice Harvesters in Java Indonesia
40	Lukman Hakim*, Anwar Deli, Zulkarnain	The System Dynamics Modeling of Gayo Arabica Coffee Industry Supply Chain Management
80	Zakiah Zakiah*, Agustina Arida, Fatimah Zuhra	The Effect of Asset Ownership on The Poverty in Pidie, Aceh
46	Mujiburrahmad*, Agus Nughoro, Fitria Ramadhanti, Masaya Iga	The Role of Research and Technology in Post Tsunami Shrimp Production in Aceh Province
55	Pujo Saroyo*, F N Aulia	Supply Chain Risk Analysis of Tempeh Using Modified Failure Mode and Effects Analysis
112	Muhammad Yuzan Wardhana*, Akhmad Baihaqi, A. Humam Hamid, Elly Susanti, Peggi Epaga, Edy Marsudi	Analysis of Value Added Agro Industry Arabica Export Coffee Processing in Aceh Tengah Case Study at Oro Coffee Gayo
114	Safrida Safrida*, Indra, I Zikri, R S Hajar	Analysis of Demand and Price of North Sumatera's Broiler Breeder Egg in Aceh

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Parallel Session 1

Room	: ACEH 3	
Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Ir. Eti Indarti, S.TP., M.Sc.	
Paper ID	Author	Title of Paper
117	Yusya Abubakar*, Tirni Gemasih, Murna Muzaiifa, Dian Hasni, M. Ikhsan Sulaiman	Effect of Blend Percentage and Roasting Degree on Sensory Quality of Arabica-Robusta Coffee Blend
16	Lutfi Henderlan Harahap*, Erwin Masrul Harahap, Sarifudin	The Effectivity of Fertilizaton Based on Hara Index to Increase Grain Rice Plants Production
119	Normalina Arpi*, Fahrizal, Syarifah Rohaya, Santi Zahriati	Nutritional and Sensory Properties of Shrimp Analog Made of Fresh and Saltwater Fish Surimi and Tapioca
14	Zakiah wulandari*, C Budiman, E Taufik, R Permatasari, D Febriantini	Frozen Lysozyme Characteristics of Local Poultry Egg White from Isolation and Purification by Ion Exchange Chromatography
44	Cut Nilda*, Novia Mehra Erfiza, M. Fitrah Yasqi	Consumers Purchasing Decisions on Local And National Retail Bakery Products Based on Price
39	Siska Mulyani*, N Meutia, Sufitni	The Influence of Watermelon (<i>Citrullus lanatus</i>) Juice Intake on The Kidney Of Wistar Rats (<i>Rattus novergicus</i>) Exposed to Monosodium Glutamate
13	Murna Muzaiifa*, Dian Hasni, Dewi Yunita, Febriani, Anshar Patria, Amhar Abubakar	Chemical Composition of Green and Roasted Coffee Bean of Gayo Arabica Civet Coffe (Kopi Luwak)
118	Mira Intania, Normalina Arpi*, Hasanuddin	Effect of Salt Pretreatment, Chitosan, and Storage Period on The Sensory Acceptability of Peda, Fermented Sardine (<i>Sardinella</i> sp.)

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Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Ir. Jauharlina, M.Sc.	
Paper ID	Author	Title of Paper
66	Anggoro Sukartiko*, O N Marsilani, Wagiman	Chemical Profiling of Western Indonesian Single Origin Robusta Coffee
23	Rita Andini*, Muhammad Ikhsan Sulaiman, Ryan Moulana, Ryo Ohsawa	Application of Principle Component Analysis in Differentiating the Three Types of Amaranthus Based on their Photoperiodic Flowering Response
87	Syaukani*, Husni Musannif, Samingan, Alfizar, Syakur, Samsul Muarrif, Novita, Muhammad Bahi	Morphological Description and Ecology of Termite Genus Hospitalitermes (Holmgren 1913) from Simeulue Island, Indonesia
12	Halus Satriawan*, Z Fuady	Analysis of Weeds Vegetation in Oil Palm Plantation
36	Zuyasna*, Zuraida, Andari Risliawati, Gunawan	Evaluation of Selected Soybean Mutant of Kipas Putih M4 at The Experimental Research Station Faculty of Agriculture Syiah Kuala University
19	My Thi Nguyen*, Quoc Huy Nguyen, Minh Duc Nguyen, Thi Mai Duyen To, Van Quang Nguyen	Species Composition and Distribution of Termites in Ngoc Linh Nature Reserve, Quang Nam Province, Vietnam
41	Syaukani*, Oviana Lisa, Muhammad Bahi, Samingan, Alfizar, Syakur, Novita, Dalil Sutekad	Preliminary Study of Entomopathogenic Fungi from Termite Nests

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Parallel Session 1

Room	: MEDINA 2	
Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Rita Khathir, S.TP, M.Sc	
Paper ID	Author	Title of Paper
101	Essy Harnelly*, Agus Sara, Iqbar, Nir Fathiya, Arif H Umam	Relationship of Dipterocarpaceae in Ketambe Research Station, Gunung Leuser National Park Based on Morphological Diversity of Vegetative Organs
15	Bich Ngoc Dang*, Van Hanh Trinh, Quoc Huy Nguyen, Van Tuat Le, Thi Loi Tran	New Record of a Wood-Boring Isopod Damaged <i>Sonneratia Alba</i> J. Sm in Thi Nai Lagoon, Binh Dinh Province, Vietnam
27	Jumadil Akhir*, Allaily Tarman	Potential and Opportunities For Utilization of Crown Flower Plants (<i>Calotropis gigantea</i>) in Dusun Bunot Desa Alue Naga Kecamatan Syiah Kuala Banda Aceh
35	Yulia Dewi Fazlina*, A. Karim, Syakur, Nur Fathanah	Evaluation of the Critical Level of Mangrove Ecosystems Using Spatial Technology in East Aceh Coastal Areas
38	Lola A Yanti*, Achmad, Nurul Khumaida	Resistant Mechanisms of Red Jabon Seedlings (<i>Anthocephalus macrophyllus</i> (Roxb.) Havil.) Against <i>Botryodiplodia theobromae</i> Pat. Causing Dieback Diseases

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Room	: MEDINA 3	
Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Monalisa, SP., M.Si.	
Paper ID	Author	Title of Paper
57	Suharno*, Adi D Guritno, A Fauzia	Consumer Needs and Consumer Satisfaction in the Creation of Co-working Space Café Business Concept
49	Moh Wahyudin*, Fathan Nahar Azali	Consumer Behavior in Shopping Daily Needs Through Online Store Channel
86	Panji Deoranto*, Gloria Elizabeth Malau, Mas'ud Effendi	Analysis of Factors Affecting Consumer Purchasing Decision on Aice Ice Cream in Malang City by Using Partial Least Square (PLS) Method
50	A. Desy Wahyuningrum , Novita Erma Kristanti*, K. Harto Widodo	Analysis of the Influence of Marketing Mix on the Sales Online of Processed Products Salak (<i>Sallaca zalazza</i> (Gaert.) Voss.)
51	Y R Putri , Dyah Ismoyowati*	Marketing Strategy Development for Yogyakarta Local Black Rice
75	I Zikri*, Agussabti, Safrida, E Susanti, C U Thursina	Contributing Factors to the Empowerment of Fishpond Farmer of Post Tsunami Aceh
85	Siti Asmaul SAM Mustaniroh*, Bella Eka Syahputri, Jaya Mahar Maligan	Quality Improvement Strategy for the Production Process of Raw Bitter Yam Chips (<i>Dioscorea hispida</i>) Using the Fuzzy AHP

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Room	: SERAMBI	
Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Ir. M. Aman Yaman, M.Agric	
Paper ID	Author	Title of Paper
28	Samadi*, S M Pratama, S Wajizah, A Jayanegara	Evaluation of Agro-Industrial by Products as Potential Local Feed for Ruminant Animals: Volatile Fatty Acid and NH ₃ Concentration, Gas Production and Methane Emission
18	Muhammad Daud*, M. Aman Yaman, Zulfan, Asril	Effects of Probiotic Supplementation in Rations Containing Leubiem Fish Waste (<i>Chanthidermis maculatus</i>) on the Performance of Local Ducks
17	Zein Ahmad Baihaqi*, Irkham Widiyono	The Hematological Parameters of Healthy Wonosobo Ram on Different Altitude in Sumbing Slope
47	Amhar Abubakar*, Cut Aida Fitri	New Derivation of the Inhibitory Activity Against Angiotensin Converting Enzyme (Ace) From Sweet Cheeze Whey
71	Elmy Mariana*, Cece Sumantri, Dewi Apri Astuti, Anneke Anggraeni, Asep Gunawan	Association of HSP70 Gene With Milk Yield and Milk Quality of Friesian Holstein in Indonesia
52	Samadi*, Sitti Wajizah, Allaily Tarman	Potency of Several Local Phytogetic Feed Additives as Antioxidant and Antimicrobial Sources for Non-Ruminant Animals
70	Eka Meutia Sari*, Mohd Agus Nashri Abdullah, Nusrul Haliman	Morphological Characteristics of Simeulu Buffalo in Simeulue District of Aceh Province, Indonesia

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Room	: LAMBHUK	
Time	: 24 Oktober 2019 / 14.00 – 15.30 WIB	
Moderator	: Dr. Ir. Elly Kesumawati, M.Agric.Sc	
Paper ID	Author	Title of Paper
5	Andri Kusmayadi*, Lovita Adriani, Abun, Muchtaridi, Ujang Hidayat Tanuwiria	Antibacterial Activity Test of <i>Salmonella thphimurium</i> and <i>Lactobacillus acidophilus</i> in the Formulation of Mangosteen Peel Ethanol Extract and Maltodextrin from Arenga Starch
25	Muhammad Makky*, Santosa, RA Hadiguna, A Syaputra	Improvement of Cinnamon (<i>C. burmanii</i>) Grading through Influencing Factors
42	Saslina Fitri*, Dwi Rita Anggraini, Muhammad Ichwan	Effects of gambir leaves extract (<i>Uncaria gambir</i> Roxb.) in preventing the aging process in pancreas of mice induced by D-galactose
73	Wenny Surya Murtius*, Risa Meutia Fiana, Purnama Dini Hari	Isolation and Characterization of Lipid Degraded Bacteria from Galamai Leftovers
76	Zuraida Hanum*, Yurliasni, CA Fitri, Z Maulina, Herawati, F Akmal	The Potential of Curry Leaves (<i>Muraya koenigii</i>) as Enterobacteriaceae Inhibitor on Fresh Meat
77	Muhamad Bata Bata*, E.A. Rimbawanto, S. Rahayu	Increasing of Rumen Fermentation Products and Digestibility through Urea-Zeolite Supplementation In-Vitro
103	Rita Andini*, Muhammad Ikhsan Sulaiman, Subhan Bakrie, Jumadil Akhir, Marai Rahmawati, Nura Luthfia	In-Vitro Propagation: Application of Gibberellic Acid (GA3) in Enhancing Germination in 'Dragon Blood' (<i>Daemonorops</i> sp.)

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