



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 & 2

TIME	SCHEDULES	ACEH 1	ACEH 2	ACEH 3	MEDINA 1	MEDINA 2	MEDINA 3	Serambi	Lambhuk
13.30-14.00	Invited Session	Prof. Dr. Ir. Darusman, M.Sc.	Dr. Ir. Adi Joko Guritno, M.Si	Dr. -Ing. Sri Haryani, M.Sc.	Dr. Ir. Rina Sriwati, M.Si	Dr. Ir. Ashabul Anhar, M.Sc.	Dr. Ir. Agussabti, M.Si	Prof. Dr. Ir. Eka Meutia Sari, M.Sc.	Prof. Dr. Ir. Sabaruddin, M.Agr.Sc.
14.00-15.30	Parallel Session 1	Environmental and Waste Management + Sustainable Agriculture (Soil Science)	Supply and Value Chain	Food Science	Biodiversity	Forestry	Enterprenuer and Commercialisation	Animal Husbandry	Agricultural Biotechnology
	Moderator	Dr. Indera Sakti Nasution, S.TP., M.Sc	Dr. Mhd. Ikhsan Sulaiman, S.TP., M.Sc.	Dr. Ir. Eti Indarti, S.TP., M.Sc.	Dr. Ir. Jauharlina, M.Sc.	Dr. Rita Khathir, S.TP, M.Sc	Dr. Monalisa, SP., M.Si.	Dr. Ir. M. Aman Yaman, M.Agric	Dr. Ir. Elly Kesumawati, M.Agric.Sc
15.30-16.00		COFFEE BREAK							
16.30-18.00	Parallel Session 2	Sustainable Agriculture	Rapat APTA	Food Science	Biodiversity + Sustainable Agriculture	Sustainable Agriculture	Rapat TIM INTI	Animal Husbandry	Agricultural Biotechnology + Biomaterial and Bioindustry + Sustainable Agriculture (Agricultural engineering)
	Moderator	Dr. Ir.Husni, M.Agric.Sc		Dr. Ir. Normalina Arpi, M.Sc.	Dr. Ir. Yusya' Abubakar, M.Sc.	Dr. Ir. Zuyasna, M.Sc		Prof. Dr. Ir. Eka Meutia Sari, M.Sc	Dr. Darwin, S.TP., M.Sc

Organized by:
Agriculture Faculty, Universitas Syiah Kuala
and Indonesian Association of Agro-Industry
Technologist (APTA)

Conference Date: 24-26 October 2019
Conference Venue: Hermes Palace Hotel, Banda Aceh, Indonesia
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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, Makmudun 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

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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 Epa, 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 Fertilization 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 norvegicus</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 Coffee (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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Parallel Session 1

Room	: MEDINA 1	
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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Parallel Session 1

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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Parallel Session 1

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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Parallel Session 1

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 Meet
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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Parallel Session 2

Room	: ACEH 1	
Time	: 24 Oktober 2019 / 16.30 – 18.00 WIB	
Moderator	: Dr. Ir. Teuku Alvisyahrin, M.Sc	
Paper ID	Author	Title of Paper
65	Nafis Khuriyati*, D A Nugroho, N A Wicaksono	Quality Assessment of Chilies (<i>Capsicum annuum</i> L.) by Using Smartphone Camera
67	Muhammad Prasetya Kurniawan*, Adi Djoko Guritno, Bambang Purwantana, Wahyu Supartono	Production Cost Approach and Material Flow Cost Accounting as a Step Towards Increasing Responsibility, Efficiency and Sustainability (RES): The Case of Palm Oil Mill in Banten, Indonesia
106	Hartati Oktarina*, Ian Singleton	Can Nano-Silver Products Endanger Beneficial Soil Fungi ?
116	Elly Kesumawati*, Denny Apriyatna, Marai Rahmawati	The Effect of Shading Levels and Varieties on the Growth and Yield of Chili Plants (<i>Capsicum annuum</i> L.)
37	Sugianto Sugianto*, Riska Adinda, Muhammad Rusdi, Hairul Basri, Syakur, Muhammad Iqbal	Rice Crop Phenology Analysis during Rendeng Season Using Remote Sensing Data: An EVI-2 Ratio Approach of Aceh Besar Regency Rice Field
24	Faris Abdurrahman*, Adilla Pratama, A Majiidah, F Nadaa, A Putri, H Ridhowati	Development Agriculture Potential Areas Based on Sharia Perspective, Case Study of Lengkonng Jaya Village, Regency of Tasikmalaya
33	Rahmaddiansyah*, Mujiburrahmad, Zakiah, Suci Afridila, Fitri Dhamy Alansa	Analysis of the Level of Interest in Entrepreneurship for Students at the Syiah Kuala University's Faculty of Agriculture
34	Mira Yunilasari*, Sufardi, Zaitun	Effects of Biochar and Cow Manure on Soil Chemical Properties and Peanut (<i>Arachis hypogaea</i> L.) Yields in Entisol

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Time	: 24 Oktober 2019 / 16.30 – 18.00 WIB	
Moderator	: Dr. Ir. Normalina Arpi, M.Sc.	
Paper ID	Author	Title of Paper
30	Rita Hayati*, Efendi, Fadillah Rahmadana	Determination of the Best Treatment of the Harvesting, Physicochemical Properties, Organoleptic Test Using the Effectiveness Index Method on the Aceh Local Rice Genotype M7
104	Rita khathir*, Raida Agustina, S Hartuti, Azmil	Improving Fermented Virgin Coconut Oil Quality by Using Microwave Heating.
56	Sri Haryani*, R W Hifdha, Hafidh Hasan, Syarifah Rohaya, Martunis	Optimizing The Sterilization Process of Canned Yellowfin Tuna Through Time and Temperature Combination
45	Dian Hasni*, Cut Nilda, Yusriana, Dwi Izziya Annabila, Yayang Yuliandri Asna	A Comparative Study of Sensory Quality of Sie Reuboh (an Acehnese Cooked Meat) Based on Its Cooking Ware
95	Yuliani Aisyah*, E Murlida, T A Maulizar	Effect of the Edible Coating Containing Cinnamon Oil Nanoemulsion on Storage Life and Quality of Tomato (<i>Lycopersicum esculentum</i> Mill) Fruits
61	Sri Amelia*, Nenni D A Lubis, Ridwan Balatif, Muhammad Fakhrrur Rozi, Sukma Purnama Sidhi	Antibacterial Effect of Andaliman (<i>Zanthoxylum acanthopodium</i>) Against Raw Common Carp (<i>Cyprinus carpio</i> Linnaeus)
93	Dzarnisa*, Zuraini, Indani, Zaudhatul	Organoleptic Characteristics of Fruit Goat Milkkefir as an Effort to Improve Early Childhood Nutrition
97	Rachman Jaya*, Fenty Ferayanti, Idawanni, Yusriana	Hedonic Analysis of Sensory Characteristic Rice of Padi Gogo (Dry Land Paddy) at Aceh Province
115	Zaidiyah, Y M Lubis*, C A R G Putri, S Rohaya	Physicochemical Properties of Local Variety Sweet Potato Based Bread Using Sourdough Starter From Pineapple Juice
121	Rasdiansyah*, Murna Muzaifa, Zaidiyah, Ria Monica	The Physicochemical Characteristics of Brownis Partially Substituted with Sago Starch (<i>Metroxylon</i> sp.)

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Parallel Session 2

Room	: MEDINA 1	
Time	: 24 Oktober 2019 / 16.30 – 18.00 WIB	
Moderator	: Dr. Ir. Yusya' Abubakar, M.Sc.	
Paper ID	Author	Title of Paper
62	Muhammad Ikhsan Sulaiman*, Nursinta Nasrianti, Rita Andini, Darmadi, Cut Erika	Effect of Fruit Size, Solvent and Extraction Methods on Resin Extractability of <i>Daemonorops</i> sp. (Jernang)
74	Meutia Zahara*	Identification, Morphology, and Stomatal Type of Zingiberaceae as Medicinal Plants in Banda Aceh, Indonesia
91	Muhammad Adriyan Fitra*, Z Thomy, Samingan, E Harnelly, H I Kusuma	The Potency of Mushrooms as Food Alternative in the Forest Park Conservation of Pocut Meurah Intan, Saree, Aceh Besar
63	La Karimuna*, Haliwu Halim, Azhar Ansi, Wa Ode Ernawati Marfi, La Samaruddin	Yields of Maize (<i>Zea mays</i> L.) and Peanut (<i>Arachys hypogaea</i> L.) in Intercropping System Treated by Biotechnology Bokashi Plus Fertilizer Under Early Growth of Teak Plantation in Napabalano District, Muna Regency, Indonesia
48	Romano Roma Sembiring*, Uristiati, Lukman Hakim, Suyanti Kasimin	Specific Zone and Development Strategy of Local Coconut Plantation in Aceh Besar Regency
64	Marista Vonna*, Hasanuddin, Siti Hafsah	Phytochemical Test Fraction N- Hexane Allelopathy Goat Weed Extracts (<i>Ageratum conyzoides</i> L) on the Growth of Thorn Spinach (<i>Amarantus spinosus</i> L.)
89	Syafruddin*, Syamsuddin, Syakur, Jumini, Halimursyadah, Hasanuddin	The Effect of Mycorrhizal Dose Interactions with Varieties on Growth and Yield of Chili (<i>Capsicum annum</i> L.) in Andisol Soil Bener Meriah

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Parallel Session 2

Room	: MEDINA 2	
Time	: 24 Oktober 2019 / 16.30 – 18.00 WIB	
Moderator	: Dr. Ir. Zuyasna, M.Sc	
Paper ID	Author	Title of Paper
84	Mardhiah Hayati *, Sabaruddin, Efendi, A Anhar	Morphological Characteristics And Yields of Several Sweet Potato (<i>Ipomoea batatas</i> L.) Tubers
107	Mardhiah Hayati*, E Kesumawati, Z Oktaviani	The Response of Shallot Growth and Yield (<i>Allium ascalonicum</i> L.) Due to Gibberelline Concentration and NASA Liquid Organic Fertilizer Interval
92	Indra Indra*, S Safrida, E. Marsudi	Analysis of Production and Input Efficiency of Tiger Shrimp Pond in Aceh Jaya District, Indonesia
94	Siti Hafisah*, Yusnizar, Nura, Marai Rahmawaty	Improvement of Resistance to <i>Fusarium oxysporum</i> and Chilli of Local Aceh Production With Rizobateria Inoculation
113	Basri A. Bakar*, Nazariah, Abdul Azis, Yenni Yusriani, Idawanni, Yohanes Geli Bubu, Fachruddin	The Analysis of Selection of Upland Rice Variety in East Aceh District
111	Ashabul Anhar*, Ainun Marliah, Erita Hayati, Nura	Combine Organic and Inorganic Fertilizer Increases Yield of Cucumber (<i>Cucumis sativus</i> L.)
120	Khairun Nisa*, L Siringo-ringo, Zaitun, Muyassir	Utilization of Biochar Residu Agricultural Waste and Jerami Compost on Changes of Soil Chemical Properties, Fiber Applications and Results of Rice Plant
126	Rikky Herdiyansyah*, Anis Tatik Maryani	Testing Fertilizer and Shade for Growth and Production of Patchouli (<i>Pogostemon cablin</i> blanco, Benth) in Penerokan Village

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Parallel Session 2

Room	: SERAMBI	
Time	: 24 Oktober 2019 / 16.30 – 18.00 WIB	
Moderator	: Prof. Dr. Ir. Eka Meutia Sari, M.Sc	
Paper ID	Author	Title of Paper
69	M Aman Yaman*, Erina Erina, Zulfan Zulfan, Yunasri Usman, Cut Aida Fitri, Herawati Latif	Increase in Egg Production, Egg Quality and Immunity of Local Chicken Resulted by Cross-Breeding
79	Firdus Firdus*, A Abas Muhammadar, Samadi Samadi, M Ali Sarong, Siska Melissa, Aura Intan, Boihaqi Boihaqi, Muhammad Nasir	The Effect of Feeding with the Addition of Activated Charcoal on Feed Conversion and Survival of Juvenile Giant Trevally (<i>Caranx ignobilis</i>)
78	Yurliasni Yurliasni* Cut Intan Novita, Zuraida Hanum, Herawati Latif	Optimizing the Quality and Antimicrobial Ability of Yogurt Through a Combination of Starter and Dates Puree at Different Levels
109	Nafiatul Umami*, M P Dewi, S Widodo, B Suhartanto, N Suseno, A Agus	Effect of Planting Densities and Fertilization Levels on the Production and Quality of Chicory Intybus in Yogyakarta, Indonesia
123	Asih Kurniawati*	Improvement of Ruminant Feed Fermentation by Addition of Eucalyptus Based Mix Essential Oil
122	Asih Kurniawati*, Wahyu Eka Saputra, Latifah Mahardillah, Chusnul Hanim, Lies Mira Yusiati	Nutrient Digestibility on Ruminant Fermentation In Vitro with Addition of Rumen Modifier Based on Clove (<i>Syzygium aromaticum</i> . L.) and Fennel (<i>Foeniculum vulgare</i>) Essential Oil
124	Andriyani Astuti*, Nurul Al-Amin, Tri Satya Mastuti Widi	Carcass Characteristics of Male New Zealand White Rabbits Fed Pellet Contains Different Level of Leucaena Leaf Meal
125	Andriyani Astuti*, Jaka Prayoga, Asih Kurniawati	Quality of Rabbit Complete Pellet Feed With Different Level of Leucaena Leaf Meal

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Parallel Session 2

Room	: LAMBHUK	
Time	: 24 Oktober 2019 / 16.30 – 18.00 WIB	
Moderator	: Dr. Darwin, S.TP., M.Sc	
Paper ID	Author	Title of Paper
29	Farida Hanum Hamzah*, Nirwana Hamzah, Irdoni HS	Concentration of CaO Catalyst from Chicken Eggshell in Transesterification Process of Pangi Seed Oil Biodiesel
100	Eti Indarti*, Marwan, W D Wanrosli	Effect of Temperature on the Silylation of Nanocrystalline Cellulose from Oil Palm Empty Fruit Bunch with 3-aminopropyltriethoxysilane.
98	Basri A. Bakar*, Fachruddin Fachruddin	The Study of Technology Adoption on Integrated Crop Management (ICM) of Paddy Rice in Aceh Province Aceh
105	Indera Sakti Nasution*, Mutia Rizki Iskandar, Dewi Srijayanti	Internet of Things: Automatic Sprinklers in Prototyping Greenhouse Using Smartphone Based Android
108	Rezekinta Sembiring*, Mardhiah Hayati, Elly Kesumawati	Formation of Potato Microtubers (<i>Solanum tuberosum</i> L.) by Using BAP and Coconut Water in In vitro
110	Afri Yani*, Vina Maulidia, Alfizar, Rina Sriwati	Endophytic Bacteria (Genus: <i>Pseudomonas</i> spp.) Isolated From Aceh Bamboo Root as Biological Agent Againsts Nematode <i>Meloidogyne</i> spp
88	Kurnia Harlina Dewi*, Dita Liyoni, Laili Susanti	A Study of Changes in The Quality of Lemea Block in Various Types of Packaging Materials During Storage

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