



Program Overview

Wednesday, October 24th 2018	
07.30 – 08.30	Registration of Participants
08.30 – 09.00	Welcome Address and Opening Ceremony
Keynote Speeches and Discussion	
09.00 – 09.30	Prof. Nilda Roma Burgos, Ph. D
09.30 – 10.00	Prof Bhesh Bhandari, Ph. D
10.00 – 10.30	Prof. Ing. David Herak, Ph. D
10.30 – 11.00	Prof. Dr. Ir. Hermanto Siregar, M. Ec
11.00 – 11.30	Discussion
11.30 – 11.45	Photo Session
11.45 – 13.00	Lunch Break
Parallel Session	
13.00 – 16.00	Parallel Session I
16.00 – 16.15	Coffee Break
16.15 – 18.30	Parallel Session II
18.30 – 19.00	Closing Ceremony and Photo Session
19.00 – 20.00	Dinner

Thursday, October 25th 2018	
08.00	To Simalem Resort from Arya Duta Hotel
Full day	Field Trip
Friday, October 26th 2018	
15.00	Closing



Parallel Session

ROOM I SESSION I			
Chairman: Dr. Ir. Yaya Hasanah, MSi			
PIC :Uswatun Hasanah, SPt, MSi			
Time	Track	Title	
13.00 – 16.00	PS	Suitability land evaluation on allocated area for other purposes of oil palm plantations (<i>Elaeis guenensis jacq</i>) in Sitellu Tali Urang Julu, Pakpak Bharat District	
	PS	The evaluation of soil chemistry and soil physic on understood of camphor trees (<i>Dryobalanops aromatica colebr</i>)	
	PS	Screening for disease resistance in rice varieties against bacterial panicle blight disease (<i>Burkholderia glumae</i>) in Northern Sumatra of Indonesia	
	PS	The control of surface runoff and erosion in immature oil palm plantation	
	PS	Suppression of fusarium wilt of banana with an application of trichoderma asperellum inoculants	
		Discussion	
	PS	Phenotypic and genotypic correlation among taste attributes and weight of green bean in arabica coffee (<i>Coffea arabica L.</i>)	
	PS	Exploration and identification of aren plant (<i>Arenga pinnata merr</i>) in district of South Tapanuli	
	PS	The effect of biochar application, inorganic fertilizer, and organic fertilizer on photosynthesis gas exchange and plant growth of soybean in purple soil	
	PS	The radiosensitivity of mature callus and selection of irradiated 40 gy lamtoro (<i>Leucaena leucocephala</i>) callus on acid stress through tissue culture	
PS	Partial isolation of distal promoter sequence of the NPR1 gene from local chili pepper (<i>Capsicum annum L.</i>) genotype berangkai		
	Discussion		

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PS	Effect of salinity on spore germination, hyphal length and root colonization of the arbuscular mycorrhizal fungi
PS	Identification of the morphophysiological character of cassava (<i>Manihot esculenta crantz.</i>) based on altitude
PS	Rattan root morphology under different inorganic nitrogen fertilization
PS	Suppress weeds on rice growth methods SRI (System of Rice Intensification) with inundation and doses of rice straw mulch
PS	Sequence approach of <i>Elaeis guineensis</i> for early detection of <i>Ganoderma boninense</i> resistance
Discussion	



ROOM I SESSION II			
Chairman: Prof. Ir. T. Sabrina, MAgrSc, PhD			
PIC : Peni Patriani, SPt, MP			
Time	Track	Title	
16.15 – 18.30	PS	Appearance of agronomic characters and genetic parameters estimation on m3 generation of roselle (<i>Hibiscus sabdariffa</i> L.)	
	PS	Growth response and N uptake of two soybean varieties on inoculation of <i>Bradyrhizobium</i> sp. in Ultisol Binjai, Sumatera Utara	
	PS	The effects of potassium, nitrogen and straw compost giving to increase organic material levels and k-exchangeable rice fields and rice growth	
	PS	Response of tomato (<i>Lycopersicon esculentum</i> mill) infected by <i>Phytophthora infestans</i> (mont.) de bary with the treatment of copper and potassium phosphite on plant development	
	PS	Rice husk biochar application and the planting times effects on dry weight and water use efficiency of upland rice varieties.	
			Bacillus Stratosphericus from <i>Oryctes rhinoceros</i> Larvae as Decomposer of Oil Palm Empty Fruit Bunches
	Discussion		
	PS		Resistance test of several sweet potato genotypes against sweetpotato weevil <i>Cylas formicarius fabricus</i> (coleoptera: curculionidae) in the lowlands
	PS		In vitro test of endophytic antagonist activity for <i>Colletotrichum gloeosporioides</i> , causal agent of antracnose in cocoa
	PS		Spodoptera litura as a main pest in oil palm peat plantation
PS		Insect management with refugia plant in upland rice (<i>Oryza sativa</i> L.)	
PS		Growth pattern of fifteen upland rice varieties in shading stress	



PS	<p>The influence of attractant from coffee bean and outer skin of coffee to imago of coffee berry borer <i>hypothenemus hampei ferr.</i> (coleoptera: curculionidae) on the field</p> <hr/> <p>Discussion</p>
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ROOM II SESSION I			
Chairman: Dr. Khairunnisa Lubis, SP, MP			
PIC : Tasya Chairuna Pane, SP, MP			
Time	Track	Title	
13.00 – 16.00	PS	Transmission of virus by whitefly Bemisia tabaci from dutch eggplant Solanum betaceum cav. for cucurbitaceae plants in greenhouse	
	PS	Potential uses of marine bean (<i>Vigna marina burm.</i>) as salt tolerant legume in coastal salty land, Southeast Sulawesi, Indonesia	
	PS	Characteristic variation and Proximate Analysis of Tacca Plant (<i>Taccaleontopetaloides (L.)</i>) on Seribu Islands	
	PS	Seed biopriming with indigenous endophytic bacteria isolated from wakatobi rocky soil to promote the growth of onion (<i>Allium ascalonicum L.</i>)	
	PS	Growth performance of two superior local upland rice (<i>Oryza sativa L.</i>) lines of Southeast Sulawesi on the low light intensity	
	Discussion		
	PS	The effectiveness of cover crop as organic remediation on ex-nickel mine soil to increase soil fertility	
	PS	Morphological charaters and N uptake of Mint (<i>Menthapiperita</i>) with the growing media composition treatment	
	PS	Database resources of the national center for biotechnology information (NCBI) about Ganoderma boninense	
PS	Utilization of trichoderma viride as organic fertilizer to induce the resistance of banana seeds to Fusarium oxysporum f.sp cubense (FOC)		



PS	Analysis of changes in morphological characteristics of leaves and stems in some sweet potato cultivars (<i>Ipomea batatas L.</i>) from Simalungun and Dairi highlands planting in the lowlands
	Discussion
PS	Changes in some characters of soybean leaves inoculated with mycorrhiza in salinity stress
PS	Growth and production responses of local genotypes sweet potatoes (<i>Ipomoea batatas L.</i>) on paddy straw biochar application in the paddy fields
PS	Normal distribution of agronomic characters and plant heritability of soybean F2 hybridization between salt resistance genotype and anjasmoro variety
PS	Evaluation of land suitability on arabika coffee plantation by parametric method in lintong nihuta district
PS	The growth and yield of sweet corn (<i>Zea mays L. saccharata</i>) with anorganic and organo-bio fertilizer
	Discussion



ROOM II
SESSION II

Chairman: Irda Safni, SP, MCP, PhD

PIC : Karina Nola Sinamo, STP, MSi

Time	Track	Title
16.15 – 18.30	PS	The effect of nitrogen fertilizer, zeolite and fresh straw giving to increase total-N, cation exchange capacity (CEC) and rice crop growth
	PS	Composition and structure community of insects in organic and conventional arabica coffee plantation
	PS	Application of phosphate solubilizing fungi and sources p fertilizer on p-available and p-content of soybean (<i>Glycine max L.merill</i>) on andisol
	PS	Effect of phosphate solubilizing microorganisms and chicken manure to increase p-available and the growth of green bean (<i>Phaseolus radiatus l</i>) on andisol
	PS	The use of polyethylene glycole as simulating media of drought stress on viability of seeds varieties of cacao (<i>Theobroma cacao l.</i>) on germination stadia
		Choosing plus tree of salagundi (<i>Roudholiateysmani</i>) at Salib Kasih Tourism area
		Discussion
	PS	The efficacy of indaziflam on seed weeds vertically on the ultisol soil of palm oil plantations
	PS	Seed morphology and germination of macadamia (<i>Macadamia integrifolia</i>) from North Sumatra
	PS	Chlorophyll content and stomatal density of soybean varieties on technological package application under dry land condition
PS	Improve availability of phosphor and corn growth (<i>Zea mays l.</i>) with phosphate solubilizing microorganism and organic matter on andisol	



PS	Performance of some populations of Maize (<i>Zea mays</i> L.) on peat soil applied sludge and ash of oil palm
PS	Relationship pattern and morphological characterization of brown rice in Munte and Payung Subdistrict, Karo
	Discussion



ROOM III SESSION I		
Chairman: Ir. Revandy I. M. Damanik, MSi, MSc, PhD		
PIC : Fuad Hasan, SPt, MSi		
Time	Track	Title
	PS	Growth and yield of tomato (<i>Lycopersicon esculantum mill.</i>) as influenced by the combination of liquid organic fertilizer concentration and branch pruning
	PS	National Center for Biotechnology Information (NCBI) database search for rubber plant <i>Hevea brasiliensis</i>
	PS	Sequence analysis of Ganoderma boninense isolates from oil palm
	PS	Effect of trichoderma and organic fertilizers on vegetatif growth of black pepper (<i>Piper nigrum L.</i>) under field condition
	PS	Characterizing the vegetative and fruit of local dwarf banana cavendish from Southeast Sulawesi
		Discussion
13.00 – 16.00	PS	Effect of soil tillage methods and cattle fertilizers on increasing sweet corn (<i>Zea mays saccharate sturt</i>) production
	PS	Effect of varieties and liquid organic fertilizers on improvement rice field production
	PS	Flower morphology and inflorescence of <i>Zanthoxylum acanthopodium</i> DC from dairi, north sumatera
	PS	Identification of the morphophysiological characteristics of cassava (<i>Manihot esculenta crantz.</i>) based on altitude
	PS	Effect of salinity on spore germination, hyphal length and root colonization of the Arbuscular Mycorrhizal Fungi
		Discussion
	PS	Growth and production of soy bean varieties in response (<i>Glycine max L. Merril</i>) to waterloggingat Vegetative (V5)growthphase byapplication of GA3 and Salicylic Acid

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PS	Changes in biochemical characteristics in shadesoybean plants
PS	The effort of giving electric field for breaking dormancy and increasing germination of Andaliman (<i>Zanthoxylumacanthopodium DC</i>) Seeds
PS	Application of fertilizer Type and Dosage toward brown planthopper (<i>Nilaparvata lugens Stall.</i>) attack level on several paddy (<i>Oryza sativa L.</i>) varieties
PS	Effect of κ -carrageenan concentration on physical and Mechanical properties of vegetable leather based on kelor leaves (<i>Moringa oleifera L.</i>)
Discussion	



ROOM III SESSION II			
Chairman: Dr. Lisnawita, SP, MSi.			
PIC : Astrid Fauziah Dewinta, SStPi, MSi			
Time	Track	Title	
16.15 – 18.30	PS	Effect of <i>Benzyl Amino Purin</i> (BAP) and Gibberallin Acid (GA3) to chlorophyll and antioxidant enzymes of soybean (<i>Glycine max (L) merill.</i>) genotypes in response to inundation conditions	
	PS	Fungal diversity in rhizosphere soil of oil palm healthy and infected of <i>Ganoderma boninense</i> in Bahilang, North Sumatra	
	PS	Germination seed of cacao (<i>Theobroma cacao L.</i>) on some osmotic solutions	
	PS	Resistance response of several rice varieties against the bacterial panicle blight disease (<i>Burkholderia glumae</i>)	
	PS	Screening of plant growth promoting rhizobacteria (PGPR) isolated from rice rhizosphere to control bacterial leaf blight of rice (<i>Burkholderia glumae</i>)	
	PS	Phytochemical and Antioxidant Activity of Gaharu Leaf Tea (<i>Aquilaria Malaccensis Lamk</i>) As Raw Material of Tea from Middle Tapanuli Regency, North Sumatera Province	
	Discussion		
	PS	Palm oil plantation oriented agrosilvopastoral system development for enhancing economy	
	PS	The effect of sulfur and Rhizobium sptreatments to the growth and nodulation of <i>Mucunabracteata</i>	
	E	The diversity of tree species as feed sources of Sumatran orangutan in Bukit Lawang of Gunung Leuser National Park	
E	Critical land rehabilitation policy strategy based on community participation		
E	Soil respiration and microbial population in tropical peat under oil palm plantation		



E Mapping of land suitability for oil palm in several
land unit in Langkat Regency North Sumatra
Indonesia

Discussion



ROOM IV SESSION I			
Chairman: Prof. Ir. Edison Purba, PhD			
PIC : Raju, STP, MSi			
Time	Track	Title	
13.00 – 16.00	E	The durability of osb composite plywood with avocado, mahogany and pine woodveneers against drywood and subterranean termites	
	E	Diversity of understorey at Singkil Swamp Wildlife Reserve	
	E	Study of the biogas technology adoption as a livestock waste management among smallholder farmers in Indonesia	
	E	Community's characteristics and participation in the urban parks preservation in Makassar, Indonesia	
	E	The role of forest restoration in conserving mangrove plant at eastern coast of North Sumatra	
	Discussion		
	E	Mapping of land suitability for oil palm in several land unit in Langkat Regency North Sumatra Indonesia	
	E	Effect of zeolite, volcanic sand and sea water on bulk density of peat soil and growth of rice	
	E	Profiles of temperature, salinity, dissolved oxygen, and ph intidal lakes	
	E	Productivity of oyster mushrooms (<i>Pleurotus ostreatus</i>) on media corncobs mixed with sawdust	
	E	Model distribution of poisonous plants as conservation biopesticides sources in Batang Gadis National Park, Mandailing Natal, North Sumatera	
	Discussion		
	E	The effect of glue spreads and adhesive type on quality of laminated board from oil palm trunk	
	E	Environmental performance, voluntary disclosure and corporate value	
E	Preferences of Sumatran orangutan nesting tree at Bukit Lawang Forests of Gunung Leuser National Park		



E	Diversity of plant community at Gunung Ledang, Malaysia
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E	Layer interaction adsorption isotherms model of mango seed as biosorbent in reducing free fatty acid and peroxyde value in crude palm oil refining
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Discussion	
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ROOM IV SESSION II			
Chairman: Dr. Eri Yusni, MSc			
PIC : Mai Suriani, SKel, MSI			
Time	Track	Title	
16.15 – 18.30	MFS	Diversity and habitat condition of tor fish (<i>Tor spp.</i>) in the upstream of Wampu Watershed, North Sumatra, Indonesia	
	MFS	Proximate carcass composition with different cahpo4 and body conformation of red tilapia	
	MFS	The gonad maturity level of Tor Fish (<i>Tor spp.</i>) in Upstream Wampu Watershed Langkat Regency of North Sumatera	
	MFS	Biodiversity flora and fauna in tropical tidal lake	
	MFS	Developing detoxification and purification technologies of ponds with pesticide residue for organic tiger shrimp farming development	
	MFS	Community structure of echinoderms in seagrass ecosystem of Pandaratan Beach, Tapanuli Tengah Regency, North Sumatera	
	Discussion		
	MFS	Assessment of one-year mangrove reforestation using <i>Rhizophora apiculata</i> seedlings in Lubuk Kertang village, North Sumatra	
	MFS	Elasmobranch catch composition of North Sumatera Fishers	
	MFS	Identification of Ectoparasites in Fry Tilapia (<i>Oreochromis niloticus</i>) in aquaculture pond	
	MFS	Characteristics of surimi gel from <i>Oreochromis mossambicus</i> in different aquaculture areas	
	MFS	Cpue analysis of Skipjack Tuna (<i>Katsuwonus pelamis</i>) at The Sibolga Nusantara Fishery Port	



MFS	Relationship between coral reef ecosystem and coral fish communities in Unggeh Island, Central Tapanuli Regency
	Discussion



ROOM V SESSION I			
Chairman: Ir. Diana Chalil, MSi, PhD			
PIC : R. B. M. Ibrahim Fatoni, SPi, MSi			
Time	Track	Title	
13.00 – 16.00	AE	Dynamics of hanwoo industry hanwoo under liberalization of beef trade policy in South Korea	
	AE	The implementation of a profit sharing system between beef cattle farmers and the maiwa breeding center in Enrekang, South Sulawesi, Indonesia	
	AE	Attitude of beef cattle farmers to biosecurity adoption	
	AE	Impact of food commodity price fluctuation on inflation in the North Sumatera Province	
	AE	Factors affecting the production of arabica coffee of smallholder plantations in Dairi Regency	
	Discussion		
	AE	Interrelated model of farmer behavior and agricultural resources in development of ginger agribusiness at the on-farm level	
	AE	Economic valuation of mangrove forests at Kuala Besar village of Secanggang Subdistrict of Langkat District	
	AE	Gross margin analysis of the biosystem integration of ettawa crossbred goat and forestry plants in Yogyakarta Indonesia	
	AE	Exploration of the potential of upland rice agribusiness development in South Konawe District, Southeast Sulawesi	
AE	Participation in empowerment institutions and factors influencing rural household income		



Discussion	
AE	Analysis potential and strategy of cattle development based on feed resources In Tanjungbalai North Sumatera Regency
AE	The influence of price of pesticide to it's application
AE	Is irrigated farm more efficient than non-irrigated no-tillage farm and non-irrigated conventional farm for a sample of kansas corn farmer?
AE	Climate change adaptation strategies for in-field conservation practices by irrigated farm
AE	Deficit irrigation for rice farming with production risk due to weather variability
Discussion	



ROOM V SESSION II			
Chairman: Rulianda P. Wibowo, SP, MEc, PhD			
PIC : Muhammad Khaliqi, SP, MSI			
Time	Track	Title	
16.15 – 18.30	AE	Measuring technology sustainability status of local beef cattle under extensive rearing systems in the dry land area, Indonesia	
	AE	Supply chain management of tuna fish (<i>Thunnus sp.</i>) in order to enhancement fishermen welfare in Pacitan Regency: Case study on the small enterprise of eza mandiri	
	AE	Factors affecting revenue of cocoa farmers in Biru-Biru District, Deli Serdang Regency, North Sumatra	
	AE	The affecting factors analysis of the soybean import volume in Provinsi Sumatera Utara	
	AE	The effect of capital expenditure and gross fixed capital formation on income disparity in west coast region of North Sumatera	
	AE	Concentration of beef market in East Tenggara Timur (ent) Province – Indonesia	
	Discussion		
	AE	The implementation of government rice reserve policy : Based on presidential instruction on rice policy	
	AE	Analysis Probability Value of Risk and Its Influence on Agribusiness of Citrus Cultivators (Case: Parbuluan IV Village, Parbuluan District, Dairi Regency)	
	AE	Economic analysis of using duckweed as feed supplement in the commercial rations of native chickens	
AE	Supply Chain Analysis of Papaya in Central Market, Medan Tuntungan Sub-District, Medan City		
AE	Diversification of products derived from maize for the sustainable welfare of the people in Gorontalo province, Indonesia		



AS Analysis of the effect of upsus pajale on the decision of farmers in soybean commodity planting (Case study : Desa Sumberejo, Kecamatan Pagar Merbau, Kabupaten Deli Serdang)

Discussion



ROOM VI SESSION I			
Chairman: Prof. Dr. Ir. Darma Bakti, MS			
PIC : Nazif Ichwan, S.TP, M.Si			
Time	Track	Title	
13.00 – 16.00	AS	Content of fiber fraction complete feed silage based waste corn (<i>Zea mays</i>) in the fermentation process with local microorganism "Probiotic Moiy1".	
	AS	Physical, chemical and in vitro digestibility quality of oil palm midrib fermented by <i>Phanerochaete chrysosporium</i>	
	AS	Effect of bioaktivator use on corn cobs as a complete feed on performance and digestibility of local sheep	
	AS	Farmer's decision in selecting the bulls for artificial insemination in Central Java	
	AS	The effect of giving mannan extract from palm kernel cake to pathology and histopathology liver and intestine which infected by <i>Salmonella thypimurium</i> .	
	Discussion		
	AS	Nutrient quality of oil palm frond fermented by local microorganism (MOL) with different dosage and incubation time	
	AS	Implementation of palm kernel cake complete feed wafers based on weaning Ongole crossbreed	
	AS	Biogas slurry application on <i>Sesbania grandiflora</i> : A microbial transportation to improve plant quality	
	AS	Reproductive and morphological performances of Stallions in District of Karo, North Sumatera, Indonesia	
AS	Performance of finisher broiler chickens fed maggot meal as a supplement in their commercial diets		
Discussion			

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AS	Reproductive Performance of Buffalo-Cows with Various Synchronization Protocols in Kampar Regency of Riau Province
AS	Growth performance of weaner rabbits fed dried Moringa oleifera leaf meal
AS	Ettawah crossed bred performance on Hibiscus rosa-sinensis leaves supplementation in daily ration
AS	Addition of Andaliman to shelf life of beef nugget
AS	Causing factors of declining trend on Samosir Panorusan Goat population as Endangered Species in Samosir Island
Discussion	



ROOM VI SESSION II			
Chairman: Dr. Ir. Ma'ruf Tafsin, MSi			
PIC : Achmad Sadeli, SPt, MSc			
Time	Track	Title	
16.15 – 18.30	AS	The effect of Panorusan Samosir Goat characteristics on its selling price in Sub-district Pangururan, Samosir Regency	
	AS	Synergism of cellulolytic bacteria in consortium as starter culture agent "MOIYL" for fiber feed	
	AS	Chemical composition of elephant grass (<i>Pennisetum purpureum</i>) dan benggala grass (<i>Panicum maximum</i>) in Silvopastoral System in Jambula, Ternate, Indonesia	
	AS	Potency of <i>Fibraureatinctora</i> extract as Anti-Bacterial Agents towards pathogenic bacteria	
	AS	Effect of various feed additives administration on performance and hematological parameters of local chickens (<i>Gallus domesticus</i>)	
	AS	Physicochemical and organoleptic characteristics of aceh beef and brahman cross beef in cold temperature storage of 4oc	
	Discussion		
	AEn	Comparing energy demand of densified briquettes of ground and unground hazelnut husks under compression loading	
	AEn	Rapid determination of glucose concentration in anaerobic acidification cultures by Gluco-Biosensor	
	AEn	Control system design of rats repellent in paddy field base on ultrasonic sound waves using microcontroller ATMega328	
AEn	A rating-curve method for determining debit for dry season in micro-scale watersheds		
AEn	Design of curcuma chips dryer by utilizing the waste heat of commercial refrigerator condenser		



AEn	Repetitive loading of unroasted bulk palm kernels using UCTM for analysing optimum percentage kernel oil recovery and energy demand Discussion
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**ROOM VII
SESSION I**

Chairman: Riswanti Sigalingging, STP, MSi, PhD

PIC : Putri Chandra Lubis, STP, MSi

Time	Track	Title
13.00 – 16.00	AEn	Utilization of biomass waste for grain drying in rotary dryer tools hybrid type
	AEn	Design and test of rotary typed grain dryer with biomass and combined energy
	AEn	Effect of packaging fillers materials on the quality of papaya fruit (<i>Carica papaya L.</i>)
	AEn	Drying characteristic of unhulled rice in biomass energy and combination rotary dryer
	AEn	Utilization of solar power as dc water pump movement in hydroponic plants
	Discussion	
	AEn	Near infrared spectroscopy: fast, robust and non-destructive method to determine Vitamin C of Intact Mango
	AEn	Effect of strand length on oriented strand board quality made from tali bamboo (<i>Gigantochloa apus Kurz</i>).
	AEn	Oil palm water balance; a tools for analysing oil palm water footprint and root water uptake distribution in root zone
	AEn	Study on the convective drying of a potato cube
	AEn	Experimental study on candleberry shell and areca palm fiber as a solid fuel for boiler
	Discussion	
	FS	A survey on fungal infection and toxigenicity <i>Aspergillus flavus</i> strains isolated from poultry feed
	FS	A survey on <i>Aspergillus chevalieri</i> infection isolated from poultry feed
FS	Effect of ratio of andaliman (<i>Zanthoxylum acanthopodium</i>) with garlic and aging time on the quality of sambal tuk tuk	
FS	Organoleptic properties of functional powdered drink products based on palm sugar	



FS	The effectiveness of lactic acid bacteria level on sineresis and acidity of fermented milk added wartel (<i>Daucus carrota L</i>) porridge
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Discussion



ROOM VII SESSION II			
Chairman: Ir. Hotnida Sinaga., MPhil, PhD			
PIC : Delima Lailan Sari, STP, MSc			
Time	Track	Title	
16.15 – 18.30	FS	Effect of solid and liquid palate cleanser toward the effectiveness of chili's spicy sensation neutralization	
	FS	The utilization of nutmeg seed (<i>Myristica fragrans bout</i>) extract as an antimicrobial on tempeh sausage	
	FS	Modified cassava flour (mocaf) content of cassava (<i>Manihot esculenta crantz</i>) in North Sumatra	
	FS	Aloe vera and lemon juice capability in decreasing formaldehyde content in tofu Sumedang with cold storing	
	FS	Effect of pre-treatment in the making of purple-fleshed sweet potato flour towards cake characteristics	
	FS	Chemical characteristic of pumpkin seed oils	
	Discussion		
	FS	The effect of pre-treatment in Orange-Fleshed Sweet Potato Flour (OFSP) manufacturing process on cake's quality	
	FS	The influence of solid and liquid palate cleansers toward the neutralization effectiveness of chili's spicy sensation	
	FS	Glycerolysis-Interesterification of chicken-palm stearin blend: Effect of solvent and chicken stearin to palm stearin ratio	
FS	The effect of pre-treatment in themaking of purple-fleshed sweet potato flour oncookies' quality		
FS	The influence of coagulation agents and cooking period on the quality of dali ni horbo		



FS The effect of addition of andaliman (*Zanthoxylum
acanthopodium DC*) on the quality of andaliman
condiment

Discussion



ROOM VIII SESSION I		
Chairman: Prof. Dr. Ir. Elisa Julianti, MSi		
PIC : Karina Nola Sinamo, STP, MSi		
Time	Track	Title
13.00 – 16.00	PS	The potency of liquid smoke and clove oil to reduce the population of seed-borne <i>Burkholderia glumae</i> on rice seeds
	FS	Formulation of instant porridge based on moringa leaves as a functional food for nursing mother
	FS	Physicochemical characterization of water-soluble polysaccharide of <i>Pachyrhizus erosus l.</i> with fermentation assisted extraction method
	FS	Potential of natural antioxidants of black cumin seed (<i>Nigella sativa</i>) and sesame seed (<i>Sesamum indicum</i>) extract by microencapsulation methods
	Discussion	
	AEn	Design and graphical model simulation of rice (<i>Oryza sativa l.</i>) dapog system seedling machine
	AEn	Design of filler and compactor for oyster mushroom growing medium (baglog)
	AEn	Model of mechanization implementation on the handling of Oil Palm Fronds (OPF) waste into compost and mulch in Aceh Province, Indonesia
AEn	Application of elementary hydrology model for the assesment of watershed health at Progo Hulu Watershed	



AEn

Crop coefficient and water requirement
for Oil Palm (*Elaeis guineensis jacq.*) on
the nursery based on Radiation
Evaporation Method

Discussion



ROOM VIII SESSION II			
Chairman: R. B. M. Ibrahim Fatoni, SPi, MSi			
PIC : Muhammad Khaliqi., SP, MSi			
Time	Track	Title	
16.15 – 18.30	MFS	Biology and growth of Asiatic Hard Clam (<i>Meretrix meretrix</i>) population in Tanjung Balai, North Sumatera	
	E	Introducing of a silvofishery pond on sapling and seedling density based in Lubuk Kertang Village, North Sumatera	
	AS	Effect of fasting time before slaughtering on body weight loss and carcass percentage of bali cattle	
	AS	Carcass composition of fat tailed sheep at different slaughter weight	
	AS	Spermatozoa separation method with different percoll composition on motility, abnormalities and mortality of local goat sperm	
	Discussion		
	AE	Short run and long run demand elasticity of shallot in north sumatera province	
	AE	The impacts of harvest on farmers term of trade (Case study: Hamparan Perak Subdistrict, Deli Serdang Regency, Indonesia)	
	AE	Indonesian tuna position in the international market	
	AE	Comparing farming income prospects for cocoa and oil palm in Asahan District of North Sumatera	
Discussion			