

## List of Paper based on Sub-Theme

### [1] SUSTAINABLE AGRICULTURE

SUB-THEME	Author (s)	COUNTRY	Title
SA-01	<b>Hasanuddin<sup>1</sup>, Gina Erida<sup>1</sup>, Siti Hafsa<sup>1</sup>, and Rahmayani<sup>1</sup></b> <i><sup>1</sup>Department of Agrotechnology, Faculty of Agriculture, University of Syiah Kuala Banda Aceh-Indonesia. E-mail:hasanuddin@unsyiah.ac.id</i>	INDONESIA	The Application of Glyphosate Herbicide Dosages and Its Effect on Characteristics Of <i>Eleusine Indicaweed</i>
SA-02	<b>Yulnafatmawita Hermansah</b> <i><sup>1</sup>Department Soil Sci., Andalas University, Kampus Unand, Padang, 25163, Indonesia. Corresponding author: yulna_fatmawita@yahoo.com</i>	INDONESIA	Chemical Characteristics of Soils Based on Toposequence under Wet Tropical Area in Bukit Sarasah Padang
SA-03	<b>I Gusti Made Arjana<sup>#</sup>, Yohanes Parlindungan Situmeang<sup>#</sup>, I Nengah Suaria<sup>#</sup>, and Ni Komang Sulasmini Mudra<sup>#</sup></b> <i><sup>#</sup>Faculty of Agriculture, Warmadewa University, Denpasar, Bali E-mail: igm.arjana@gmail.com; ypsitumeang63@gmail.com</i>	INDONESIA	Effect of Plant Material and Variety for Production and Quality Chrysanthemum
SA-04	<b>I Gede Mangku P</b> <i>Faculty of Agriculture Warmadewa University, Denpasar-Bali, Indonesia E-mail: pasek_mangku@yahoo.com</i>	INDONESIA	Stabilisation Of Strawberry Puree By Adding Of Ascorbic Acid And Sodium Acid Pyrophosphate (Sapp) During Processing
SA-05	<b>Purnama Dini Hari</b> <i>Faculty of Agricultural Technology-Andalas University. INDONESIA. E-mail: purnamadini@gmail.com</i>	INDONESIA	The Growth Rate of Various Commercial Mushroom Grown on Artificial Mediums and Spawn Made of Waste Materials
SA-06	<b>Nurbailis and Martinus*</b> <i>*Department of Plant Protection, Agriculture Faculty, Andalas University, Padang West Sumatera, Indonesia</i>	INDONESIA	Colonisation Ability of <i>Trichoderma viride</i> T1sk on several Banana Cultivar Roots and its Effect Against Fusarium Wilt Disease
SA-07	<b>Yulmira Yanti<sup>1*</sup>, Trimurti Habazar<sup>2</sup>, Chainur Rahman Nasution<sup>3</sup></b> <i><sup>1</sup> Faculty of Agriculture, Andalas University, Limau Manis, Padang, 25163, Indonesia . E-mail: yy.anthie79@gmail.com; trimurtihabazar@yahoo.com rahman.nasution1995@gmail.com</i>	INDONESIA	Phenylalaninelyase Enzyme activity of rhizobacterial introduced soybean's seedlings, which the ability to induce the resistance of soybeans toward bacterial pustule ( <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> ).
SA-08	<b>Reni Lestari<sup>1</sup>, L. Agus Sukamto<sup>2</sup>, Winda Utami Putri<sup>1</sup>, Popi Aprilianti<sup>1</sup> and Sri Wahyuni<sup>1</sup></b> <i><sup>1</sup>Center for Plant Conservation Botanic Gardens-Indonesian Institute of Sciences <sup>2</sup>Research Center for Biology-Indonesian Institute of Sciences Email : reni_naa@yahoo.com, reni001@lipi.go.id</i>	INDONESIA	Evaluation and Selection of Lowland and Midland West Java Avocado ( <i>Persea americana</i> Mill.) for All Year Round Fruit Availability

SA-09	<b>Mohammad Agita Tjandra</b> <i>Faculty of Agricultural Technology-Andalas University, Indonesia</i> <i>E-mail: moh.agita@gmail.com</i>	INDONESIA	Prediction of Rotating Force on Vanes of Irrigation Water-scooped Wheel
SA-10	<b>Alnopri, Bandi Hermawan</b> <i>University of Bengkulu . E-mail: alnopri_bkl@yahoo.co.id;</i> <i>bandi.unib@gmail.com</i>	INDONESIA	Sustainability for Growth and Productivity of Arabica Coffee in Lowland Regions of Bengkulu Province
SA-11	<b>Ni Made Delly Resiani, I WayanSupartha</b> <i>Udayana University Graduate Program, Denpasar 80362 Bali, Indonesia</i> <i>Email: dellyresiani@yahoo.co.id</i>	INDONESIA	The Abundance And The Effectiveness Of Parasitoid <i>Tetrastichusschoenobii</i> ferr (Hymenoptera: Eulopidae) In Control Of Yellow Rice Stemborersin Tabanan Regency, Bali
SA-12	<b>Ni Putu Anom Sulistiawati, Rai, I. N, Santosa IGM, Astarini I. A</b> <i>Faculty of Agriculture, Warmadewa University; Faculty of Agriculture, Udayana University; Faculty of Agriculture, Udayana University. Biology Department, Faculty of Mathematics and Natural Sciences, Udayana University.</i> <i>email: anomsulis@yahoo.co.id</i>	INDONESIA	Cause Abscission Of Citrus Flowers And Fruit On Plants ( <i>Citrus Nobillisvar, Microcarva</i> L)
SA-13	<b>Ni Made Delly Resiani, I WayanSupartha</b> <i>Udayana University Graduate Program, Denpasar 80362 Bali, Indonesia</i> <i>Email: dellyresiani@yahoo.co.id</i>	INDONESIA	The Diversity, Dominance And Pattern Invasion Of Egg Parasitoid Yellow Rice Stemborers (Lepidoptera:Pyralidae) In Badung Regency, Bali
SA-14	<b><sup>1</sup>Adel Reyhanitabar, <sup>2</sup>Saber Heidari, <sup>3</sup>Sahin Oustan</b> <i>University of Tabriz-Islamic Republic of IRAN. E-mail: <sup>1</sup>areyhani@tabrizu.ac.ir;</i> <i><sup>2</sup>s.heidari@tabrizu.ac.ir; <sup>3</sup>oustan@hotmail.com</i>	IRAN	The Comparison Of Dgt, Dmt-Hfo And Olsen Methods For Assessment Of Plant Available Phosphorus In Soils
SA-15	<b>Nur Asniyati Abdul Halim<sup>1</sup>, Jamilah Syafawati Yaacob<sup>1, 2*</sup> and Norzulaani Khalid<sup>1, 2</sup></b> <i><sup>1</sup>Institute of Biological Sciences, Faculty of Science, University of Malaya, 50603 Kuala Lumpur, Malaysia. <sup>2</sup>Center for Research in Biotechnology for Agriculture, University of Malaya, 50603 Kuala Lumpur, Malaysia</i> <i>*Corresponding author: jamilahsyafawati@um.edu.my</i>	MALAYSIA	Evaluation of somaclonal variation in <i>Ananas comosus</i> var. MD2 grown <i>in vitro</i>
SA-16	<b>Muhammad Ishfaq Khan<sup>1,*</sup>, Imtiaz Khan<sup>1</sup> and Rahamdad Khan<sup>1</sup></b> <i><sup>1</sup>Department of Weed Science the University of Agriculture Peshawar-Pakistan</i> <i>Corresponding Author's Email: mishfaq@aup.edu.pk</i>	PAKISTAN	Testing Of Johnsongrass ( <i>Sorghum Halepense</i> ) For Its Allelopathic Potensial Against Crops Seeds
SA-17	<b>Le Thi Khoe<sup>(1)</sup>, Tran Van Mi<sup>(2)</sup></b> <i><sup>(1)</sup>: Division of Pomology, Southern Horticultural Research Institute (SOFRI) Vietnam. P.O. Box 203 My Tho-Tien Giang-Vietnam.</i> <i><sup>(2)</sup>: Head of Division of Agriculture and Rural Development Tri Ton, An Giang, Vietnam. Corresponding Author: ltkhoe@yahoo.com.vn</i>	VIETNAM	Early Evaluation of Compatibility between Commercial Citrus Varieties and Kaffir Lime ( <i>Citrus hystrix</i> ) and Carrizo Citrange ( <i>C. sinensis</i> Osb. x <i>P. trifoliata</i> L. Raf.) Rootstocks at Mekong Delta, Vietnam
SA-18	<b>Nghia Nguyen, Sang Do, Bang Nguyen</b> <i>Cantho University, Viet Nam</i> <i>corresponding author : nknghia@ctu.edu.vn</i>	VIETNAM	Effect Of Biomixture Containing Used Coffee Ground And Milled Egg-Shells On The Yield Of Okra ( <i>Abelmoschus Esculentus</i> Moench) And Soil Fertility Under Greenhouse Conditions

SA-19	<b>Dinh T. Nhan<sup>#</sup>, Nguyen P. C. Tu<sup>*</sup>, Truyen N. D. Hue<sup>**</sup></b> <i>Faculty of Fisheries, Nong Lam University, Linh Trung Ward, Thu Duc District, Ho Chi Minh City. <sup>#</sup> E-mail: thenhandinh@yahoo.com; <sup>*</sup> npctu@hcmuaf.edu.vn; <sup>**</sup> nhahue2707@yahoo.com</i>	VIETNAM	208/ Effect of C/N Ratios on Water Quality and Growth Performance of Pacific White Shrimp <i>Litopenaeus vannamei</i> in Nursery Stage
SA-20	<b>Hoang Thai Dinh<sup>1</sup>, Long Viet Nguyen<sup>2*</sup>,</b> <i><sup>1</sup>Department of Industrial and Medicinal Plant Science, Faculty of Agronomy, Vietnam National University of Agriculture, Hanoi 10000, Vietnam. <sup>2</sup>Department of Food Crop Science, Faculty of Agronomy, Vietnam National University of Agriculture, Hanoi 10000, Vietnam <sup>*</sup>Corresponding author: nvlona@vnua.edu.vn</i>	VIETNAM	Effects of Salinity Stress on Growth and Yield of Quinoa ( <i>Chenopodium quinoa Willd</i> )
SA-21	<b>Yohandri Bow<sup>#</sup>, Edy Sutriyono<sup>*</sup>, Subriyer Nasir<sup>##</sup>, Iskhaq Iskandar<sup>**</sup></b> <i><sup>#</sup> Chemical Engineering Department, State Polytechnic of Sriwijaya, Palembang, 30139, Indonesia . E-mail: yohandribow@gmail.com. <sup>*</sup>Geology Department, Sriwijaya University, Palembang, 30139, Indonesia. <sup>##</sup>Chemical Engineering Department, Sriwijaya University, Palembang, 30139, Indonesia <sup>**</sup> Physics Department, Mathematics and Natural Science Faculty, Sriwijaya University, Palembang, 30139, Indonesia</i>	INDONESIA	Molecularly Imprinted Polymers (MIP) Based Electrochemical Sensors For Detection Of Endosulfan Pesticide
SA-22	<b>Muhammad Makky<sup>#</sup></b> <i><sup>#</sup> Department of Agricultural Engineering, FATETA, Andalas University, Padang 25163, West Sumatera, Indonesia. E-mail: muh_makky@yahoo.com</i>	INDONESIA	Multi-modal Bio-metrics Evaluation for Non-destructive Age States Determination of Tomato Plants ( <i>Solanum lycopersicum</i> )
SA-23	<b>Amrizal Saidi<sup>1)</sup>; Eti Farda Husin<sup>1)</sup>; Azwar Rasyidin<sup>1)</sup>; Eddiwal<sup>2).</sup>; and Ismon L<sup>3)</sup></b> <i>Faculty of Agriculture, University of Andalas Padang Western Sumatra Indonesia<sup>1)</sup>. Faculty of Agriculture, Islamic University of Western Sumatra Padang Indonesia<sup>2)</sup>; BPTP (Institute for Agricultural Technology of West Sumatra) Padang Indonesia<sup>3)</sup>. E-mail: amrizal.saidi@gmail.com</i>	INDONESIA	Effect of Arbuscular Mycorrhiza Fungi (AMF) and The Organic Material To The Glomalin Production And Soil Physical Properties And Nutrient Uptake By Corn
SA-24	<b>Zulfadly Syarif, Resti Adriyawati, Warnita</b> <i>Agronomy, Faculty of Agriculture, Andalas University E-mail: syarif_zulfadly@yahoo.com</i>	INDONESIA	The Influence Of Media Composition And Concentration Of Coconut Water On The Growth Tangerine ( <i>Citrus Nobilis</i> L) Shoot Cuttings
SA-25	<b>Takashi Oku</b> <i>Department of Life Sciences, Prefectural University of Hiroshima, Shobara, 727-0023, Japan. E-mail: toku@pu-hiroshima.ac.jp</i>	JAPAN	Molecular biology of pathogenicity in <i>Xanthomonas oryzae</i>
SA-26	<b>Rahayu, H., Yulian and Supanjani</b> <i>Faculty of Agriculture Bengkulu University, Bengkulu INDONESIA E-mail: yulian_38226@yahoo.com</i>	INDONESIA	Rooting of Mini-Cuttings of guava cultivars ( <i>Psidium guajava</i> L.) Treated with IBA under Misting Irrigation

SA-27	<p><b>Dwi Wahyuni Ganefianti<sup>1*</sup>, Sri Hendrastuti. Hidayat<sup>2</sup> and Muhamad Syukur<sup>3</sup></b>  <sup>1</sup>Department of Agriculture Production, Faculty of Agriculture, University of Bengkulu. Bengkulu, Indonesia. <sup>2</sup>Agronomy and Horticulture Department, Faculty of Agriculture, Bogor Agricultural University.  <sup>3</sup> Plant Protection Department, Faculty of Agriculture, Bogor Agricultural University. Indonesia. *Corresponding author: ganefianti_crp@yahoo.com</p>	INDONESIA	Genetics study of Resistance to Begomovirus on Chili Pepper by Hayman's Diallel Analysis
SA-28	<p><b>Honorio M. Soriano Jr., Norman G. De Jesus, Rafael R. Rafael, Emmanuel Pangilinan, Cesar Orpiada, Estrella C. Zabala, Regina D. Loria, Ernesto D. Supan, Filomena K. Reyes, Celso Reyes, and Angelina C. De Jesus</b>  Pampanga State Agricultural University, Magalang, Pampanga, 2011, Philippines. E-mail : angelinadejesus644@yahoo.com.ph</p>	PHILIPPINES	Alternative Low-Input Agriculture Systems: A Sustainable Agriculture Production System Model of Pampanga State Agricultural University In Central Luzon, Philippines
SA-29	<p><b>Regina D. Loria, Norman G. De Jesus, Filomena K. Reyes, and Honorio M. Soriano Jr</b>  Pampanga State Agricultural University, Magalang, Pampanga, 2011, Philippines. E-mail: loria.regina@yahoo.com</p>	PHILIPPINES	Tamarind ( <i>Tamarindus indica</i> linn.) and Sweet Sorghum ( <i>Sorghum bicolor</i> L.Moench): their Potential Utilization in Phytotherapy
SA-30	<p><b>Davoud Zarehaghi, Mehdi Nasiry, Mohammad Reza Neyshabouri, Sirous Hassennejad</b>  Dept. of Soil Science, University of Tabriz, Islamic Republic of Iran. E-mail: davoudhaghi@tabrizu.ac.ir; m_nasiry65@yahoo.com; neyshmr@hotmail.com  Dept. of Plant Ecophysiology, University of Tabriz. Islamic Republic of Iran. E-mail: sirous_hassennejad@yahoo.com</p>	IRAN	Some weeds community percent in response to pumice application on soil under water stress conditions
SA-31	<p><b>Shahin Oustan* , Ozra Mohammadi* , Mohammad Moghaddam# , Adel Reyhanitabar*</b>  *Soil Science Department, University of Tabriz, Tabriz, 51666-14766, Iran E-mail: oustan@hotmail.com #Plant Biotechnology and Breeding, University of Tabriz, Tabriz, 51666-14766, Iran E-mail:mmoghaddam@tabrizu.ac.ir</p>	IRAN	Atrazine Sorption-Desorption Properties in Some Soils of North and North-West of Iran
SA-32	<p><b>Soleiman Jamshidi#, Siamak Salahi *</b>  # Department of Plant Protection, Islamic Azad University, Miyaneh Branch, Miyaneh Iran. E-mail: s.jamshidi@m-iau.ac.ir  * Department of Plant Protection, Islamic Azad University, Miyaneh Branch, Miyaneh Iran. E-mail: salahi@m-iau.ac.ir</p>	IRAN	Symptomological Variation in Persian Walnut Anthracnose Caused by <i>Ophiognomonia leptostyla</i>
SA-33	<p><b>Hendra Alfi#, Benny Warman#, Irfan Suliansyah*, Etti Swasti*, Sobrizal<sup>1</sup></b>  # Payakumbuh Agricultural Polytechnic, Sarilamak 26271, Indonesia. * Faculty of Agriculture, Andalas University, Padang 25163, Indonesia. <sup>1</sup> PAIR-BATAN, Jakarta, Indonesia. E-mail: hendraalfi@yahoo.com</p>	INDONESIA	Genetic Improvement in West Sumatera Landraces to get The Early Maturing Mutants by Induced Mutations
SA-34	<p><b>Budi Setyawan, Irfan Suliansyah, Aswaldi Anwar, Etti Swasti</b>  Faculty of Agriculture, Andalas University, Padang 25163, Indonesia E-mail: budicnm@gmail.com.</p>	INDONESIA	Preliminary Trial of 11 New Hybrid Maize Genotype to The Resistance on Java Downy Mildew ( <i>Peronosclerospora maydis</i> )

SA-35	<b>Benny Warman<sup>#</sup>, Irfan Suliansyah<sup>*</sup>, Ety Swasti<sup>*</sup>, Auzar Syarif<sup>*</sup>, Hendra Alfi<sup>#</sup></b> <i><sup>#</sup>Payakumbuh Agricultural Polytechnic, 26271. <sup>*</sup> Faculty of Agriculture, Andalas University, Padang 25163, Indonesia. E-mail: warman.benny@yahoo.co.id</i>	INDONESIA	Selection and Semi-Dwarf Allele Mutants Segregation Pattern as the Result of Gamma Ray Irradiation of West Sumatera Black Rice
SA-36	<b>Irfan Suliansyah<sup>#</sup>, Irawati Chaniago<sup>#</sup>), Hendra Alfi<sup>*</sup></b> <i><sup>#</sup>Department of Agroecotechnology, Faculty of Agriculture Andalas University Padang 25163, Indonesia. <sup>*</sup> Payakumbuh Agricultural Polytechnic, Sarilamak 26271, Indonesia. E-mail: irfan.suliansyah@yahoo.com</i>	INDONESIA	Attempts To Create Wheat ( <i>Triticum Aestivum</i> L.) Superior High-Yielded Variety Through Mutation Breeding
SA-37	<b>Wiskandar<sup>#</sup>, Amrizal Saidi<sup>*</sup>, Yulnafatmawita<sup>*</sup> and Aprisal<sup>*</sup></b> <i><sup>#</sup> posgraduate, Andalas University, Indonesia. E-mail: wiskandarjk@yahoo.co.id <sup>*</sup> Soil science Department, Faculty of Agriculture, Andalas University, Indonesia</i>	INDONESIA	The Optimization Of Fly Ash And Organic Matter On Productivity Coal Tilling Land, Growth And Maize Yield
SA-38	<b>Hidrayani</b> <i>Faculty of Agriculture-Andalas University. Padang, INDONESIA</i>	INDONESIA	Biology Of <i>Tetrastichus Bontispae</i> Ferriere (Hymenoptera: Eulophidae) Parasitoid Of <i>Brontispa Longissima</i> Gestro
SA-39	<b>Imtiaz Khan</b> <i>Faculty of Plant Protection Sciences- Weed Science Department, Agriculture University Peshawar- Pakistan, Email: imtiazkhan@aup.edu.pk</i>	PAKISTAN	Weeds Can Work As Bio-Herbicides In Wheat Crop: A New Approach Of Eco-Friendly Weed Management
SA-40	<b>Cindy Paloma, Hendris Syah Putra, Ami Sukma Utami</b> <i>Socio Economic Department, Agricultural Faculty, Andalas University E-mail: cindypaloma@gmail.com</i>	INDONESIA	The Development of Organic Agriculture in Sumatera Barat (Study Case in Padang Pariaman District)
SA-41	<b>Reni Mayerni, Triswardani and Nasrez Akhir</b> <i>Faculty of Agriculture, Andalas University, West Sumatera, Indonesia corresponding author : reni_mayerni@yahoo.com</i>	INDONESIA	Flower Phenology of Clone Ramindo 1 Rami Plant ( <i>Boehmeria Nivea</i> (L.) Gaud
SA-42	<b>Fahrurrozi, Zainal Mukhtar, Dwatmadji, Nanik Setyowati, Sigit Sudjatmiko, Mohammad Chozin</b> <i>Faculty of Agriculture, University of Bengkulu. Indonesia E-mail: fahrurrozi@unib.ac.id, muktamar1959@yahoo.com</i>	INDONESIA	Growth and Yield Responses of Three Sweet-corn ( <i>Zea mays</i> L. var. Saccharata) Varieties to Local-based Liquid Organic Fertilizer
SA-43	<b>A. Romeida<sup>#</sup>, D.W. Ganefianti<sup>#</sup>, Rustikawati<sup>#</sup></b> <i><sup>#</sup> Agriculture Faculty, Bengkulu University. Bengkulu, 38000, Indonesia. E-mail: atrapbt@yahoo.co.id</i>	INDONESIA	Embryogenic Callus Induction Of Pencil Orchid <i>Papilionanthe hookeriana</i> Rchb.f. Through In Vitro Culture
SA-44	<b>Zainal Mukhtar<sup>1</sup>, Dora Putri<sup>2</sup>, Nanik Setyowati<sup>2</sup></b> <i><sup>1</sup> Soil Science Department, University of Bengkulu, Bengkulu 38371, Indonesia E-mail: muktamar1959@yahoo.com. <sup>2</sup> Agronomy Department, University of Bengkulu, Bengkulu 38371, Indonesia. E-mail: doraputri.web@gmail.com; nanik_srg@yahoo.com</i>	INDONESIA	Reduction of Inorganic Fertilizer for Sustainable Agriculture: Organic Fertilizer Effect on Growth and Yield of Green Mustard

SA-45	<b>Mai Vu Duy, Nguyen Thanh Hoi, Le Vinh Thuc, and Nguyen Quoc Trang</b> <i>College of Agriculture and Applied Biology, Can Tho University-VIETNAM</i> <i>Email: mvduduy@ctu.edu.vn</i>	VIETNAM	Influence Of Cellulomonas Flavigena, Azospirillum Sp. And Pseudomonas Sp. On Rice Growth And Yield Grown In Submerged Soil Amended With Rice Straw
SA-46	<b>Eka Candra Lina<sup>#</sup>, Dadang<sup>*</sup>, Syafrida Manuwoto<sup>*</sup>, Gustini Syahbirin<sup>1</sup></b> <i>Faculty of Agriculture, Andalas University, West Sumatera, Indonesia</i> <i>E-mail : Trijata1012@yahoo.com. <sup>*</sup> Department of Chemistry, Bogor Agricultural University, Bogor 16680, <sup>1</sup>Department of Chemistry, Bogor Agricultural University, Bogor 16680</i>	INDONESIA	The safety and Effectiveness of Mixed Extracts Formulation from <i>Teprosia vogelii</i> and <i>Piper aduncum</i> against Cabbage Pest in the Field
SA-47	<b>Gusmini<sup>#,*</sup>, Kazuyuki Nishimura<sup>#</sup>, Adrinal<sup>*</sup>, Takumi Ikeda<sup>#</sup>, Tomio Itani<sup>#</sup></b> <i><sup>#</sup>Prefectural University of Hiroshima, Shobara, 727-0023 Japan; <sup>*</sup> Faculty of Agriculture, Andalas University, Padang, 25163 Indonesia. E-mail : nini_memey@yahoo.com.sg</i>	INDONESIA	Rice growth, N uptake and biomass production as effect of nitrogen animal manure compost applied in forage rice ( <i>Oryza sativa</i> L.) cultivation
SA-48	<b>Adrinal<sup>1</sup>, Darmawan<sup>1</sup>, B. Rusman<sup>1</sup>, Gusmini<sup>1</sup> and. T. Masunaga<sup>2</sup></b> <i><sup>1</sup>Soil Department, Fac. of Agriculture, Andalas University</i> <i><sup>2</sup> Faculty of Life and Environmental Science, Shimane University, Japan</i> <i>E-mail : adrinal81@gmail.com</i>	INDONESIA	Improving traditional paddy soil quality Through Biochar Application in Pasaman District, West Sumatera, Indonesia
SA-49	<b>Syafrimen Yasin, Gusnidar, Irfan Suliansyah, Juniarti and Yulnafatmawita</b> <i>Department of Soil Science, Faculty of Agriculture Andalas University, Indonesia</i> <i>corresponding author : syafrimenyasin@yahoo.com</i>	INDONESIA	Role of Organic Matter on Soil Chemical Characteristics of Limed Soil in Alahan Panjang and Wheat ( <i>Triticum aestivum</i> L.) Production: Residue Effects at the Second Cropping Season
SA-50	<b>Yohandri Bow<sup>*</sup>, Hairul<sup>#</sup>, Ibnu Hajar<sup>*</sup></b> <i><sup>*</sup> Chemical Engineering Department, State Polytechnic of Sriwijaya, Palembang, 30139, Indonesia E-mail: yohandriBow@gmail.com, ibnubaray@gmail.com</i> <i><sup>#</sup>Electrical Engineering Department, Sriwijaya University, Palembang, 30139, Indonesia</i>	INDONESIA	Molecularly Imprinted Polymers (Mip) Based Pvc-Membrane-Coated Graphite Electrode For The Determination Of Heavy Metals
SA-51	<b>Hendris Syah Putra, Cindy Paloma, Ami Sukma Utami</b> <i>Socio Economic Department, Agricultural Faculty, Andalas University email: hendrisagri@gmail.com</i>	INDONESIA	The Military Role for Organic Agriculture Development In West Sumatera ( a Study Case in Padang Pariaman District)
SA-52	<b>Nalwida Rozen ,Gusnidar, and Nurhajati Hakim</b> <i>Faculty of Agriculture, University of Andalas Padang.</i> <i>E-mail : nalwida_rozen@yahoo.co.id</i>	INDONESIA	Grant Of Organic Fertilizer Plus At Titonia With Micro Fertilizer to Improve Methods Of Sri
SA-53	<b>Reflinaldon</b> <i>Faculty of Agriculture, University of Andalas Padang.</i> <i>E-mail : reflinaldon@yahoo.com</i>	INDONESIA	Mites Attacking Citrus in West Sumatera

SA-54	<b>Aprizal Zainal, Aswaldi Anwar, Sudarsono, Satriyas Ilyas, Giyanto</b> Faculty of Agriculture-Andalas University. Padang, INDONESIA, E-mail: ap_zainal@yahoo.com	INDONESIA	Molecular Characterization of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> Based on Serine Protease and 16S rRNA Gene Sequences
SA-55	<b>Maria Selvaggi<sup>1</sup>, Federica Ioanna<sup>2</sup>, Francesco Pinto<sup>3</sup>, Cataldo Dario<sup>4</sup></b> <sup>1</sup> Univeristy of Bari "Aldo Moro-ITALY. E-mail: maria.selvaggi@uniba.it; <i>biaxy@libero.it</i> ; francesco.pinto@uniba.it ; cataldo.dario@uniba.it	ITALY	Analysis of a sequence nucleotide polymorphism of STAT5A gene in Garganica goat breed
SA-56	<b>Nor Ashikin, A., M. W. Puteri Edaroyati* and H. Siti Aishah</b> Department of Crop Science, Faculty of Agriculture, UPM Serdang, Selangor *Correspondence email: putri@upm.edu.my	MALAYSIA	Growth Performance and Yield of Roselle ( <i>Hibiscus sabdariffa</i> L.) Grown under Soilless Culture System in Response to Water Availability
SA-57	<b>Warnita and Benni Satria</b> Faculty of Agriculture-Andalas University-Padang. Indonesia	INDONESIA	Potato Cultivation Technology to Produce Tuber Seed Potatoes G1 Quality Through Application of Organic Fertilizer and Pruning
SA-58	<b>Indra Dwipa</b> Faculty of Agrcuture-Andalas University. Indonesia	INDONESIA	Resistance Test Of West Sumatra Brown Rice Germplasm And Resistance Test To Fe Stress
SA-59	<b>Gustian, Sudarsono, Hajrial Aswidinnoor and Jumanto Harjosudarmo</b> Faculty of Agricultural Technology-Andalas University. Padang, Indonesia	INDONESIA	Genetic Transformation Mediated <i>Agrobacterium</i> And Transgenic Soybean Regeneration Containing Cp Pstv Genes
SA-60	<b>Mardhiyetti<sup>1</sup>, Zulfadly Syarif<sup>2</sup>, Novirman Jamarun<sup>1</sup>, Irfan Suliansyah<sup>2</sup></b> <sup>1</sup> Department of Husbandry, Andalas University, Padang, 25163, Indonesia. E-mail: Mardhiyetti@ymail.com. <sup>2</sup> Department of Agriculture, Andalas University, Padang, 25163, Indonesia	INDONESIA	Regeneration of <i>Sesbania grandiflora</i> using hipokotyl as explants
SA-61	<b>Zainal Muktamar<sup>#</sup>, Fahrurrozi*, Dwatmadji<sup>1</sup>, Nanik Setyowati*, Sigit Sudjatmiko*, Muhammad Chozin*</b> <sup>#</sup> Soil Science Department, University of Bengkulu, Bengkulu 38371, Indonesia E-mail: muktamar1959@yahoo.com. <sup>*</sup> Agronomy Department, University of Bengkulu, Bengkulu 38371, Indonesia. E-mail: rozi38125@yahoo.com; nanik_srg@yahoo.com; nanik_srg@yahoo.com; s1g1t_s@yahoo.com; m_chozin@hotmail.com. <sup>1</sup> Animal Production Department, University of Bengkulu, Bengkulu 38371, Indonesia. E-mail: dwatmadji2008@yahoo.com	INDONESIA	Selected Macronutrients' Uptake by Sweet Corn under Different Rates of Liquid Organic Fertilizer in Closed Agriculture System
SA-62	<b>I Dewa Nyoman Sudita<sup>#</sup>, I Gede Mahardika*, I Wayan Suarna* and I.B. Gaga Partama*</b> <sup>#</sup> Faculty of Agriculture, Warmadewa University, Denpasar, Bali, Indonesia <sup>*</sup> Postgraduate Husbandry Science Program, Udayana University, Denpasar, Bali, Indonesia. corresponding author : dewasudita@yahoo.com	INDONESIA	Analysis of Feed for Digestibility Bali Cattle Cow in Group Program 'Simantri' in Bali on Different Topographic

SA-63	<b>Ketut Irianto</b> <i>Faculty of Agriculture, Warmadewa University, Bali, Indonesia</i> <i>corresponding author : iriantoketut@yahoo.co.id</i>	INDONESIA	Fertilizer Raw Material Production of Activated Sludge Wastewater Treatment Process Results Conventional
SA-64	<b>Etti Swasti and Nurwanita Ekasari Putri</b> <i>Faculty of Agriculture, Andalas University, West Sumatera, Indonesia</i> <i>corresponding author : ettiswasti@faperta.unand.ac.id</i>	INDONESIA	Variability of Protein Content in Some Local Red Rice cultivars from West Sumatera Indonesia
SA-65	<b>P.K Dewi-Hayati, Sutoyo, and Teguh Prasetyo</b> <i>Faculty of Agricultural, Andalas University, West Sumatera, Indonesia</i> <i>corresponding author : pkdewihayati@yahoo.com</i>	INDONESIA	General and Specific Combining Ability for Maize Yield in A Diallel Cross Under Three Environments
SA-66	<b>Musthofa Lutfi, Anifatul Baroroh, Wahyunanto Agung N</b> <i>Department of Agricultural Engineering, University of Brawijaya, Malang, Indonesia. E-mail : lutfi@ub.ac.id</i>	INDONESIA	Performance Testing of Organic Planting Bag for Woody Plants Seedlings
SA-67	<b>Wahyunanto A. Nugroho, Fatma R. Nurlaili, Yusuf Hendrawan, Bambang D. Argo</b> <i>Department of Agricultural Engineering, Brawijaya University, Indonesia</i> <i>corresponding author : wahyunanto@ub.ac.id</i>	INDONESIA	Effect of Growth Promoting Bacteria on the Growth Rate and Lipid Content of Microalgae <i>Chorella sp</i> in Sludge Liquor of Anaerobic Digester of Dairy Manure
SA-68	<b>Fajri Anugroho# and Makoto Kitou*</b> <i># Faculty of Agricultural Technology, University of Brawijaya, Malang, Indonesia. * Faculty of Agriculture, University of the Ryukyus, Okinawa, Japan</i> <i>corresponding author : fajri.anugroho@ub.ac.id</i>	INDONESIA JAPAN	Effect of Inorganic-N Distributions Derived from Hairy Vetch-Mulched and Incorporated Soils on Corn Growth
SA-69	<b>Masahiko Gemma#, Nguyen Ngoc Thuy*, Le Thanh Loan*</b> <i># Waseda University, 1 Chome-104 Totsukamachi, Shinjuku, Tokyo 169-8050, Japan. * Nong Lam University, Ho Chi Minh City, Vietnam</i> <i>corresponding author : gemma@waseda.jp</i>	JAPAN VIETNAM	Sustainability in Rice Production in Vietnam: A Risk Behaviour Perspective
SA-70	<b>Le Thi Khoe</b> <i>Division of Pomology, Southern Horticultural Research Institute (SOFRI), Vietnam. corresponding author : ltkhoe@yahoo.com.vn</i>	VIETNAM	Early Performance of Duong Mandarin ( <i>Citrus reticulata</i> Blanco) on Three Rootstocks under Acid Sulfate Soil Fields at Mekong Delta of Vietnam
SA-71	<b>Renny Eka Putri#, Azmi Yahya*, Nor Maria Adam<sup>1</sup>, Samsuzana Abd Aziz*</b> <i># Department of Agricultural Engineering, Faculty Agricultural Technology, University Andalas, West Sumatera, Indonesia. * Department of Biological and Agricultural Engineering, Faculty Engineering, University Putra Malaysia, 43400 Sedang, Selangor D. E., Malaysia. <sup>1</sup> Department of Mechanical Engineering, Faculty Engineering, University Putra Malaysia, 43400 Sedang, Selangor D. E., Malaysia. corresponding author : renny.ekaputri@yahoo.co.id</i>	INDONESIA MALAYSIA	Performance Evaluation of Yield Monitoring System for Rice Combine Harvester in Selangor, Malaysia



## [2] AGRICULTURE AND ENVIRONMENT (AE)

SUB-THEME	Author (s)	COUNTRY	Title
AE-01	<b>Nurpilihan Bafdal, Sophia Dwiratna NP, Kharistya Amaru</b> <i>Soil and Water Engineering Laboratory, Department of Agriculture Engineering Padjadjaran University, e-Mail : nurpillihanbafdal@yahoo.com; dwiratnasophia@gmail.com; kharistya@unpad.ac.id</i>	INDONESIA	Design Model of Runoff Management Integrated Farming on Dryland Agriculture in West Java, Indonesia
AE-02	<b>Steve Déry</b> <i>(Associate Professor, Laval University), Saithong Phommavong (National University of Laos, Vientiane), Nguyen Ngoc Thuy (Nong Lam University, Thu Duc) and Somkhit Boulidam (National University of Laos, Vientiane)</i> Main contact: S. Déry, Département de géographie Pavillon Abitibi-Price, 2405, rue de la Terrasse, Local 3167 Université Laval, Québec (Québec) Canada, G1V 0A6 Téléphone: 1-418-656-2131 (poste 5107). Courriel: Steve.Dery@ggr.ulaval.ca	CANADA	A New Geographical Organization on Mountainous Margins of Laos and Vietnam: A Comparative Analysis of How Agricultural Changes Differentiate Integration and Adaptation
AE-03	<b>I Putu Sujana</b> <i>Faculty of Agriculture Mahasaraswati University, Denpasar, Indonesia e-Mail : janaputu@yahoo.com</i>	INDONESIA	The Effect Combination of Dose Biochar with Dose Organic Matters on Soil Characteristics and Maize Plants Growth on Land Degraded by Garments Liquid Waste
AE-04	<b>Tri Martial# and Mhd. Asaad*</b> <i># Faculty Agriculture, Universitas Islam Sumatera Utara, Medan, Indonesia. Email: trimartial@uisu.ac.id. * Faculty Agriculture, Universitas Islam Sumatera Utara, Medan, Indonesia. Email: mhd.asaad@uisu.ac.id</i>	INDONESIA	The Concept of Land and Tree Tenure-Based <i>Dalihan Natolu</i> Customs for Tree Management in South Tapanuli, North Sumatra
AE-05	<b>Dwinardi Apriyanto, Nadrawati, Tri Sunardi, Dotti Suryati</b> <i>Plant Culture Department, University of Bengkulu, Jl. Wr. Supratman, Bengkulu, 38371A, Indonesia. E-mail: dwi_nardi@unib.ac.id or kangdwi2010@gmail.com</i>	INDONESIA	<i>Is Steinernema carpocapsae</i> effective against lima bean pod borer attacking Groundnut?
AE-06	<b>Kiman Siregar</b> <i>Agricultural Engineering Department of Syiah Kuala University Jl. Tgk. Hasan Krueng Kalee No.3 Banda Aceh, Indonesia. E-MAIL: ksiregar.tep@unsyiah.ac.id</i>	INDONESIA	Strategy to Reduce GHG Emission and Energy Consumption at Process Production of Biodiesel Using Catalyst From Crude Palm Oil (CPO) and Crude Jatropha Curcas Oil (CJCO) in Indonesia
AE-07	<b>Khandra Fahmy<sup>1</sup>, Kohei Nakano<sup>2*</sup>, Fidela Violalita<sup>3</sup></b> <i><sup>1</sup>Department of Agricultural Engineering, Faculty of Agricultural Technology, Andalas University, Padang-25163, Indonesia <sup>2</sup>The United Graduate School of Agricultural Science Gifu University, JAPAN <sup>3</sup>Department of Food Technology, Agricultural Polytechnic State of Payakumbuh. * e-mail address: knakano@gifu-u.ac.jp</i>	INDONESIA JAPAN	Influence of Low Oxygen and High Carbon Dioxide on Suppression Chilling Injury in Cucumber Fruit at Various Relative Humidity Conditions

AE-08	<b>Henny Purwaningsih<sup>a,*</sup> Dyah Iswantini Pradono<sup>A</sup>, Trivadilla<sup>a</sup>, Muhammad Hamdani</b> <i><sup>a</sup> Department of Chemistry, Bogor Agricultural University, Bogor 16680, email: hennyphu@ipb.ac.id</i>	INDONESIA	Biosensor for Arsenic (III) Determination in Water Analysis using Modified Carbon Paste Electrode
AE-09	<b>Dwi Rustam Kendarto, Sophia Dwi Ratna Nur Perwitasari, Nurpilihan Bafdal, Kamaludin</b> <i>Soil and Water Engineering Laboratory, Faculty of Agricultural Industry Technology Padjadjaran University. E-mail: dwirustamkendarto@gmail.com; sophee_d@unpad.ac.id; nurpilihanbafdal@yahoo.com</i>	INDONESIA	Water Quality Study: Identify Rain Water Harvesting Potential at Padjadjaran University Area of Jatinangor Site
AE-10	<b>Bandi Hermawan#</b> <i># Department of Agricultural Cultivation, Bengkulu University, WR. Supratman Street, Bengkulu, 38178, Indonesia. E-mail: bandi.unib@gmail.com</i>	INDONESIA	Sustainable Agroforestry Models for Proposed Food Production in Post-Mined Land Sites of South Sumatera
AE-11	<b>Enggar Apriyanto<sup>1</sup> and Puji Harsono<sup>2</sup></b> <i><sup>1</sup> Department of forestry, University of Bengkulu, Indonesia <sup>2</sup> Departmen of Agronomy, University of Bengkulu, Indonesia E-mail: enggavan@yahoo.com</i>	INDONESIA	Integration of Sugar Palm (Arenga pinnata) And Sorghum For Optimizing Land Use In High Land
AE-12	<b>Aprisal, Asmar, Ayu Seriosta and Masyuhuri Hamidi</b> <i>Faculty of Agriculture-Andalas University.Padang, INDONESIA. Email: aprisalunand@yahoo.co.id,</i>	INDONESIA	The Effect Of Reed's Land Clearing Method Toward Amount Of Nutrient Element Brought By Soil Erosion And Crop Yield On Critical Land At Singkarak Catchment Area
AE-13	<b>Irawati Chaniago*, Sutoyo, Aries Kusumawaty, Irfan Suliansyah, Rizki A. Siregar</b> <i>Department of Agroecotechnology, Andalas University, Padang 25163 – Indonesia.*) Corresponding author: ichaniago@faperta.unand.ac.id; irawatichaniago@yahoo.com</i>	INDONESIA	Sorghum ( <i>Sorghum bicolor</i> L. Moench) early growth in response to AI stress: In Search for AI-tolerant sorghum genotypes
AE-14	<b>N. Aliasghar zad, Z. Afshari, N. Najafi</b> <i>Department of Soil Science, University of Tabriz, Tabriz, 51664-16471, Iran . E-mail: n-aliasghar@tabrizu.ac.ir E-mail: zafshari1390@yahoo.com/ n-najafi@tabrizu.ac.ir</i>	IRAN	Carbon Sequestration by Glomeral Fungiin Soil Is Influenced by Phosphorus and Nitrogen Fertilization
AE-15	<b>Hussnain Mukhtar</b> <i>Environmental Engineering and management, Asian Institute of Technology, 58 Moo 9,Paholyothin Highway Klong Luang, Pathumthani , Bangkok, 12120, Thailand. E-mail: agricultureenvironment33@gmail.com</i>	THAILAND	Water-Nutrient-Food Nexus: The Use of Untreated Wastewater for Sustainable Food Production in Urban Wetlands
AE-16	<b>Ira Wahyuni Syarfi and Ami Sukma Utami</b> <i>Socioeconomic Departement, Agricultural Faculty, Andalas University, Padang, 25000, Indonesia. Email: irakenedi@yahoo.com irawahyunisyarfi@faperta.unand.ac.id and amiutami88@gmail.com</i>	INDONESIA	Agroforestry Model of Smallholder Farmers for Sustainable Agriculture In West Sumatera

AE-17	<b>Chinh Tran Thien</b> <i>Posts and Telecommunications Institute of Technology-Hanoi, Vietnam</i>	VIETNAM	Solution for Environmental Control and Management to Serving Sustainable Development of Aquaculture
AE-18	<b>Nguyen Tan Chung<sup>1,*</sup>, Tran Mong Kha<sup>1</sup>, Phan Xuan Anh<sup>1</sup></b> <sup>1</sup> <i>Biotechnology Department, Nong Lam University in Ho Chi Minh city</i> <i>*Corresponding author: Email: ntchung@hcmuaf.edu.vn, Tel: (+84) 903647171, Biotechnology Department, Nong Lam University in HoChiMinh city - Room Bio316, Building A1,Linh Trung Ward, Thu Duc District, Ho Chi Minh City.</i>	VIETNAM	Establishment of A Constructed Wetland to Treat Swine Wastewater
AE-19	<b>Le Quoc Tuan, Nguyen Ngoc Thao Suong</b> <i>Faculty of Environment and Natural Resources, Nong Lam University, Vietnam. E-mail: quoctuan@hcmuaf.edu.vn</i>	VIETNAM	Assessing situation and proposing solution for restruction of plant and animal to adapt climate change up to 2030 in Long An province
AE-20	<b>Nguyen Van Hue<sup>1</sup>, Le Quoc Tuan<sup>2</sup>, Dang Van Khanh<sup>3</sup>, Tran Hoa Duan<sup>3,*</sup></b> <sup>1</sup> <i>Hue University of Agriculture and Forestry</i> <sup>2</sup> <i>Nong Lam University – Ho Chi Minh City</i> <sup>3</sup> <i>The Centre for Pharmaceutical, Cosmetics and Food Quality Control of Thua Thien Hue province, E-mail: quoctuan@hcmuaf.edu.vn</i>	VIETNAM	Bio-transformation of a mixture of 1,2,3- and 1,2,4-trichlorobenzene by anaerobic mixed cultures from dioxin-contaminated soil and sediments in vietnam
AE-21	<b>Hong Nguyen Thi<sup>1</sup>; Truc Phan Thi Thanh<sup>2</sup>, Liem Nguyen Duy<sup>2</sup>, Loi Nguyen Kim<sup>2</sup></b> <sup>1</sup> <i>Ha Noi Science University-VIETNAM. E-mail: nguyenthihong.hus@gmail.com</i> <sup>2</sup> <i>Nong Lam University Ho Chi Minh City. E-mail: E-mail: ptt.truc@yahoo.com</i>	VIETNAM	Optimal Selection Of Number and Location of Meteo-Hydrological Monitoring Networks on Vu Gia- Thu Bon River Basin
AE-22	<b>Au Nguyen Thi Tinh<sup>1</sup>; Trang Tran Thi Thao<sup>2</sup>.</b> <sup>1</sup> <i>University of Technical Education, Ho Chi Minh City VIETNAM. Nong Lam University Ho Chi Minh City Vietnam E-mail: tinhau@hcmute.edu.vn</i>	VIETNAM	Impact of Climate Change on Water Flow of Đăk B'la River Basin, Vietnam
AE-23	<b>Muhamed Sharizal bin Sirrajudin; Razak Wahab; Mohd Sukhairi Mat Rasat</b> <i>Faculty of Earth Science, Universiti Malaysia Kelantan, Jeli Campus, 17600, Jeli, Kelantan. Corresponding author : sharizal26@yahoo.com</i>	MALAYSIA	Properties of Fuel Pellets from Oil Palm Fronds of Agricultural Residues through Environmental Treatment
AE-24	<b>Ali Asghar Jafarzadeh<sup>1</sup>, Hossein Rezaei<sup>1</sup>, Ahmad Alijanpour<sup>2</sup>, Farzin Shahbazi<sup>1</sup>, Khalil Valizadeh Kamran<sup>3</sup></b> <sup>1</sup> <i>Department of Soil Science, College of Agriculture, University of Tabriz- Iran. E-mail: ajafarzadeh@tabrizu.ac.ir, hosseinrezaei@tabrizu.ac.ir, shahbazi@tabrizu.ac.ir.</i> <sup>2</sup> <i>Department of Forestry, College of Natural Resources, Urmia University- Iran. E-mail: a.alijanpour@urmia.ac.ir.</i> <sup>3</sup> <i>Department of GIS and Remote Sensing, College of Geography and Planning, University of Tabriz-Iran. E-mail: valizadeh@tabrizu.ac.ir</i>	IRAN	Effect of Slope Position on Soil Properties and Types Along an Elevation Gradient of Arasbaran Forest, Iran
AE-25	<b>Hery Suhartoyo<sup>1*</sup> and Puji Harsono<sup>2</sup></b> <sup>1</sup> <i>Forestry Department, University of Bengkulu</i> <sup>2</sup> <i>Agronomy Department, University of Bengkulu, Bengkulu, Indonesia. E-mail: hery_suhartoyo@yahoo.com</i>	INDONESIA	Potency of Agroforestry system intervention in optimizing post-mined landuse: Case of coal mined site at Tanjung Enim, South Sumatra

AE-26	<b>Hanilyn A. Hidalgo</b> <i>College of Economics and Management, Central Bicol State University of Agriculture, Pili, Camarines Sur 4418, Philippines. E-mail : hanilyn77@yahoo.com</i>	PHILIPPINES	Vulnerability Assessment of Agri-ecotourism Communities as Influenced by Climate Change
AE-27	<b>Doc Lap Tran and Van Ngai Nguyen</b> <i>Department of Agricultural Economics, Faculty of Economics, Nong Lam University, Ho Chi Minh City, Vietnam E-mail: tdlap@hcmuaf.edu.vn</i>	VIETNAM	Optimizing water management of multiple-use reservoirs for fish harvesting in southeast Vietnam
AE-28	<b>Hoang Thi Thuy, Vo Van Ngoan<sup>2</sup>, Le Anh Tuan<sup>3</sup></b> <i><sup>1</sup>Faculty of Natural Resources and Environment, Nong Lam University of Ho Chi Minh City, Vietnam. E-mail: htthuy@hcmuaf.edu.vn <sup>2</sup>Department of Natural Resources and Environment of Ben Tre Province, Vietnam .E-mail: vanngoan_vo@yahoo.com. <sup>3</sup> Research institute for Climate change (DRAGON)- Can Tho University, Can Tho city, Vietnam.E-mail: latuan@ctu.edu.vn</i>	VIETNAM	Cultivation Models Coping With Climate Change For The Coastal Sand Dunes In The Mekong River Delta
AE-29	<b>Hoàng Thị Thủy<sup>1</sup>- Đinh Diệp Anh Tuấn<sup>2</sup>- Lê Văn Dũ<sup>3</sup> - Hồng Minh Hoàng<sup>2</sup>- Võ Văn Ngoan<sup>4</sup>- Lê Anh Tuấn<sup>2</sup></b> <i><sup>1</sup> Faculty of Natural Resources and Environment- Nong Lam University of HCM City; Vietnam. E-mail: htthuy@hcmuaf.edu.vn. <sup>2</sup> Research Institute for Climate change – Can Tho University, Can Tho, Vietnam. Email: latuan@ctu.edu.vn <sup>3</sup> College of Environment and Natural Resources – Can Tho University.<sup>4</sup> Office for Climate change – Ben Tre province</i>	VIETNAM	Risks And Challenges of Climate Change to The Domestic Water Sources of Local People in The Hau River Estuary – Soc Trang Province
AE-30	<b>Fadli Irsyad, Eri Gas Ekaputra</b> <i>Faculty of Agricultural Technology, Andalas University, Padang, West Sumatera 25163, Indonesia. E-mail: fadliirsyad_ua@yahoo.com</i>	INDONESIA	Analysis of the production potential of paddy fields for Sustainability of food security in the Pasaman Barat District
AE-31	<b>Edwin</b> <i>Graduate University of Andalas Padang; Andalas University Padang. Indonesia E-mail: edwinanas@gmail.com</i>	INDONESIA	Spatial and Temporal Analysis of Land Use Change for 10 years (2004-2014) in Sub-Watershed Sumpur Singkarak
AE-32	<b>Eri Gas Ekaputra, Fadli Irsyad</b> <i>Faculty of Agricultural Technology-Andalas University. Padang, Indonesia</i>	INDONESIA	Development Zero Runoff Model in Palm Oil Plantation for Water Resources Conservation
AE-33	<b>F. Shahabzi, I. Sahabnaghdi, M.R. Neyshabouri, Sh. Oustan</b> <i>Soil Science Department, Faculty of Agriculture, University of Tabriz, Iran.</i>	IRAN	Assessing leaching of saline-sodic soils affected by Kaveh-Soda factory effluent using georeferenced maps in Maragheh-Bonab plain
AE-34	<b>Isril Berd, Amrizal Saidi and Skunda Diliarosta</b> <i>Faculty of Agricultural Technology-Andalas University. Padang, Indonesia</i>	INDONESIA	Reclamation Study Of Soil Fertility That Land Undergo The Flooding Water Of Massang River West Sumatra

AE-35	<b>Apriwan<sup>#</sup>, Anita A. Sinulingga<sup>*</sup></b> <i><sup>#</sup> Department of International Relations, University of Andalas, Padang, 25163, Indonesia. E-mail: apriwan@fisip.unand.ac.id. <sup>*</sup> Department of International Relations, University of Andalas, Padang, 25163, Indonesia. E-mail: nanisinulingga@gmail.com</i>	INDONESIA	<i>Nagari Community Based Approach in Adopting REDD+ Scheme in West Sumatera Indonesia</i>
AE-36	<b>Mizanur Rahman Bhuiyan</b> <i>Soil Science Discipline. Khulna University. Khulna- 9208. Bangladesh E-mail: prof.mizan@yahoo.com</i>	BANGLADESH	<i>Agroforestry And Soil Conservation In The Hilly Areas Of Bangladesh</i>
AE-37	<b>Delvi Yanti</b> <i>Faculty of Agricultural Technology-Andalas University. INDONESIA. E-mail: delviyanti23@gmail.com</i>	INDONESIA	<i>The Use of Solar Cell in Ground Water Irrigation to Support Agricultural Cultivation in Rainfed Field</i>
AE-38	<b>Eryani, I. Gst. Agung Putu<sup>#</sup>, Santosa, I. Gst. Ngurah<sup>*</sup></b> <i><sup>#</sup> Faculty of Technic, Warmadewa University, Denpasar-Bali, 80239, Indonesia . E-mail: eryaniagung@gmail.com. <sup>*</sup>Faculty of Agriculture, Udayana University, Denpasar-Bali, 80255, Indonesia E-mail: santosaign@yahoo.com</i>	INDONESIA	<i>River Estuary Water Manangement for The Preparation of Agricultural Land Sustainability in Coastal Area Bali Province</i>
AE-39	<b>Ha Anh Hoang; Nguyen Ngoc Thuy</b> <i>Nong Lam University Ho Chi Minh City-VIETNAM E-mail: hoanghaanh@hcmuaf.edu.vn</i>	VIETNAM	<i>Vulnerability of rice production in Mekong River Delta under impacts from floods, salinity and climate change</i>
AE-40	<b>Yaherwandi</b> <i>Faculty of Agriculture-Andalas University. E-mail: yaherwandi@faperta.unand.ac.id</i>	INDONESIA	<i>Coccinellidae Diversity as Aphids Predators in Some of Agricultural Ecosystems in West Sumatera, Indonesia</i>
AE-41	<b>Leila Kalsum</b> <i>Polytechnic State of Sriwijaya-INDONESIA E-mail: elak87chem@yahoo.com</i>	INDONESIA	<i>An Estimate Model of CO2 and CH4 Emissions Related to Peat Characteristics</i>
AE-42	<b>Astrina Yulianti, Enti Sirnawati, Amalia Ulpah</b> <i>Indonesian Center for Agricultural Technology Assesment and Development, Indonesia. E-mail: astr1na@yahoo.com</i>	INDONESIA	<i>Introduction Technology of Crop Calendar-Information System (CC-IS) for Rice Farming as A Climate Change Adaptation in Indonesia</i>

**[3] AGRICULTURE AND ENERGY**

THEME	Author (s)	COUNTRY	Title
E-01	<b>Ho Thanh Ba<sup>a</sup>, Timothy K. Roberts<sup>b</sup>, Steven Lucas<sup>b</sup></b> <i><sup>a</sup> Faculty of Environment and Natural Resources, Nong Lam University, HCMC, Vietnam. <sup>b</sup> The Tom Farrell Institute for The Environment, University of Newcastle, Australia. E-mail: thanhbamt@hcmuaf.edu.vn; Tel. +61 413786538</i>	VIETNAM AUSTRALIA	Small-scale household biogas digesters as a viable option for energy recovery and global warming mitigation- Vietnam case study.
E-02	<b>Duong Nguyen Khang<sup>1</sup>, Nguyen Thanh Nhan<sup>1</sup> and Chu Manh Thang<sup>2</sup></b> <i><sup>1</sup> Nong Lam University, Ho Chi Minh City, Vietnam. <sup>2</sup> National Institute of Animal Science. E-mail: duongnguyenkhang@gmail.com</i>	VIETNAM	Effects of forage, seasonal and harvesting time on in vitro methane production and microbial population
E-03	<b>Thoranis Deethayat, Tanongkiat Kiatsiriroat</b> <i>Chiang Mai University, Thailand. E-mail : thoranisdee@gmail.com</i>	THAILAND	A Study on Modular Organic Rankine Cycle with Biodiesel for Power Generation in Small Community
E-04	<b>Attakorn Asanakham, Supakrit Ngammuang, Tanongkiat Kiatsiriroat</b> <i>Chiang Mai University, Thailand. E-mail : attakorn_asanakham@hotmail.com</i>	THAILAND	Chemical Kinetics in Biodiesel Production from Used Cooking Oil with Methanol/ Ethanol Reagent under Electric Field
E-05	<b>Duong Nguyen Khang<sup>1</sup>, Duong Duy Cuong<sup>1</sup> and Chu Manh Thang<sup>2</sup></b> <i><sup>1</sup> Nong Lam University, Ho Chi Minh City, Vietnam. <sup>2</sup> National Institute of Animal Science. E-mail: duongnguyenkhang@gmail.com</i>	VIETNAM	Effects of Napier grass, corn silage and forage supplementation on in vitro methane production and microbial population
E-07	<b>Duong Nguyen Khang<sup>1</sup>, Lam Minh Khanh<sup>2</sup> and Chu Manh Thang<sup>3</sup></b> <i><sup>1</sup> Nong Lam University, Ho Chi Minh City, Vietnam. <sup>2</sup> Can tho University, Can tho City, Vietnam. <sup>3</sup> National Institute of Animal Science. E-mail: duongnguyenkhang@gmail.com</i>	VIETNAM	Effects of silage and concentrate feeds on in vitro methane production and microbial population
E-06	<b>Yulian<sup>1)</sup> and Yarnis Alisyahbana<sup>2)</sup></b> <i><sup>1)</sup> Faculty of Agriculture Bengkulu University, Bengkulu 38371 Indonesia. E-mail: yulian_38226@yahoo.com. <sup>2)</sup> PT Perkebunan Nusantara VII (Persero) Bandar Lampung 35141 Indonesia</i>	INDONESIA	Products and Sales Realization of Molases for Animal Feeds Nutrition and Bioethanol on PT Perkebunan Nusantara VII Company
E-08	<b>Elvis Adril#, Rahmat Hidayat *</b> <i># Karimun University, Tanjung Balai Karimun Riau, Kepri, Indonesia E-mail: eadril@yahoo.com. * Department of Information Technology, Polytechnic State of Padang, Padang, West Sumatera, Indonesia. E-mail: rahmat@polinpdg.ac.id</i>	INDONESIA	Computer Analysis Oil Lubrican Engine Compressed Natural Gas
E-09	<b>Leily Nurul Komariah<sup>1</sup>, , Marwani<sup>2</sup></b> <i><sup>1</sup>Chemical Engineering Department, Sriwijaya University, Inderalaya Ogan Ilir, 30862, Indonesia. e-mail: leilydiaz@yahoo.com. <sup>2</sup>Mechanical Engineering Department, Sriwijaya University, Inderalaya Ogan Ilir, 30862, Indonesia. e-mail: marwanizk@yahoo.com</i>	INDONESIA	Boiler Retrofit for the Utilization of Biodiesel

E-10	<b>Perdana Putera<sup>1</sup>, Sri Aulia Novita<sup>1</sup>, Indra Laksana<sup>1</sup>, Muhammad Imran Hamid<sup>2</sup>, Syafii<sup>2</sup></b> <i><sup>1</sup>Agricultural Machine and Equipment Department, Agricultural Polytechnic of Payakumbuh, Tanjung Pati, 50 Kota,26271, Indonesia. E-mail: perdana@politanipyk.ac.id. <sup>2</sup>Electrical Engineering Department, Andalas University, Padang, 25163, Indonesia. E-mail: imrandgmasse@yahoo.com</i>	INDONESIA	Development and Evaluation of Solar-Powered Instrument for Hydroponic System in Limapuluh Kota, Indonesia.
E-11	<b>Pharmayeni<sup>1</sup>, Darmawan<sup>2</sup>, Rizki Alfi<sup>1</sup>, Zulhamidi<sup>1</sup></b> <i><sup>1</sup> System Production Industry Department, Politeknik ATI Padang (ATIP), Padang, 25171, Indonesia. <sup>2</sup>Electrical Engineering Department, Andalas University, Padang, Indonesia. E-mail: pharmayeni@gmail.com</i>	INDONESIA	Optimization of Heat with Automatic Sun Tracking using Microcontroller
E-12	<b>Lia Cundari, Leily Nurul Komariah, Novia, Isni Maretha, Lia Septiana</b> <i>Chemical Engineering Department, Sriwijaya University, JL. Raya Prabumulih Km 32, Inderalaya Ogan Ilir, 30862, Indonesia. E-mail: leilydiaz@yahoo.com and icun_hyang02@yahoo.com</i>	INDONESIA	Temperature Distribution of Biodiesel Blends Combustion in Boiler using CFD-Fluent
E-13	<b>Andres Tuates</b> <i>Department of Agriculture_Philippines Center for Postarvest Development and Mechanization . Philippines. Email: amtuates@yahoo.com</i>	PHILIPPINES	Utilization of Biomass Furnace By-products as Fuel Briquettes
E-14	<b>Roswaldi Sk.<sup>1</sup>, Santosa<sup>2</sup>,Kartika<sup>1</sup>, Nasrul<sup>1</sup></b> <i><sup>1</sup>Electro Department, State Polytechnic Padang, Limau Manis, Padang, 25163, Indonesia. E-mail:rosi_sk@yahoo.co.id. <sup>2</sup>Agricultural technology, Andalas University, Padang, 25163, Indonesia. E-mail: santosa764@yahoo.co.id.</i>	INDONESIA	Effect Of Temperature and Ph on The Production Of Biogas From Rice Straw
E-15	<b>Rislina F. Sitompul<sup>1</sup>, Wawan Agustina<sup>1</sup>, Novizar Nazir<sup>2</sup></b> <i><sup>1</sup>Centre of Appropriate Technology- Indonesian Institutes of Sciences. Indonesia 41213. E-mail: rislina@gmail.com. <sup>1</sup>Faculty of Agricultural Technology, Andalas University. Indonesia. E-mail: nazir_novizar@yahoo.com</i>	INDONESIA	Life Cycle Analysis of Syngas Production From Palm Oil Empty Fruit Bunches
E-16	<b>Asyeni Miftahul Jannah</b> <i>Sriwijaya University-Palembang Indonesia. E-mail: chezy_45@yahoo.co.id</i>	INDONESIA	Bioethanol Production from Coconut Fiber Using Alkaline Pretreatment and Acid Hydrolysis Method
E-17	<b>Novizar<sup>1</sup>, Novelina<sup>1</sup>, Yopi<sup>2</sup>, Ariobetha Juansilfero<sup>2</sup></b> <i><sup>1</sup>Faculty of Agriculture-Andalas University. Indonesia. E-mail: nazir_novizar@yahoo.com. <sup>2</sup>Indonesian Institute of Science-Cibinong. Indonesia</i>	INDONESIA	Optimization of The Different Pretreatments of Cocoa Pod to Obtain Fermentable Sugars for Bioethanol Production
E-18	<b>Aisman</b> <i>Faculty of Agricultural Technology-Andalas University. INDONESIA E-mail: aisman_64@yahoo.com</i>	INDONESIA	Identification of Sustainable Biomass Based Energy in Mentawai Island-INDONESIA
E-19	<b>Nguyen Huy Bich</b> <i>Faculty of Engineering-Nong Lam University Ho Chi Minh City-VIETNAM. E-mail: nhbich@hcmuaf.edu.vn</i>	VIETNAM	Developing The Solar Tracking System For Trough Solar Concentrator

E-20	<b>Le Anh Duc</b> <i>Nong Lam University, Ho Chi Minh City, Viet Nam</i> <i>E-mail : leanhduc@hcmuaf.edu.vn</i>	VIETNAM	Study on Circulating Concurrent Flow Dryer for Drying Rapeseed
E-21	<b>Mohd Sukhairi Mat Rasat#, Razak Wahab#, Rokiah Hashim*, Othman Sulaiman*, Mohd Hazim Mohamad Amini# and Muhammad Iqbal Ahmad#</b> <i># Faculty of Earth Science, Universiti Malaysia Kelantan, 17600 Jeli, Kelantan, Malaysia. * Division of Bioresource, Paper and Coatings Technology, School Industrial Technology, Universiti Sains Malaysia, 11800 Penang, Malaysia.</i> <i>corresponding author : sukhairi@umk.edu.my</i>	MALAYSIA	Preliminary Study on Properties of Small Diameter Wild <i>Leucaena leucocephala</i> species as Potential Biomass Energy Sources.
E-22	<b>Dung-An Wang</b> <i>Graduate Institute of Precision Engineering, National Chung Hsing University, 240 Kuo Kuang Road, Taichung, 40227, Taiwan, ROC</i> <i>corresponding author : daw@nchu.edu.tw</i>	TAIWAN	Ultrasonic Bonding of Membrane-Electrode-Assemblies of Fuel Cells

**[4] FOOD TECHNOLOGY [FT]**

THEME	Author (s)	COUNTRY	Title
FT-01	<b>Kesuma Sayuti, Fauzan Azima, Melvin Marisa</b> <i>Department of Agricultural Processing Technology, Andalas University, Padang, Indonesia E-mail: kesuma_sayuti@yahoo.com</i>	INDONESIA	Antioxidant activity of Straw Jackfruit Jam ( <i>Artocarpus heterophyllus</i> , L.) was added "Senduduk" fruit Juice ( <i>Melastoma malabathricum</i> , L.)
FT-02	<b>Sri Melia, Deni Novia and Indri Juliyarsi</b> <i>Department of Animal Science, Andalas University, West Sumatera-Indonesia.</i> <i>Email : sri.melia75@gmail.com</i>	INDONESIA	The Characteristics Of The Pericarp Of <i>Garcinia Mangostana</i> (Mangosteen) Extracts As Natural Antioxidants In Rendang
FT-03	<b>Nguyen Kinh Luan, Nguyen Ngoc Hong</b> <i>HCMC University of Technology, Ho Chi Minh City, Vietnam</i> <i>E-mail: cnthucpham0012@gmail.com</i>	VIETNAM	Antioxidant Activity And Anti-Hyperglycemic Effect From <i>Lagenaria Siceraria</i> Fruit
FT-04	<b>Indri Juliyarsi, Deni Novia and Sri Melia</b> <i>Animal Science of Faculty, Universitas Andalas, Padang, Indonesia</i> <i>E-mail: i.juliyarsi@gmail.com</i>	INDONESIA	Study : Method of Crispy Skin Drying with Traditional and Solar Tunnel Dryer at Home Industry in Tilatang Kamang Agam Sumatera Barat Indonesia



FT-05	<b>Maryam*, Anwar Kasim*, Santosa*</b> # Agro-Industrial Engineering, Politeknik ATI Padang, Tabing, 25171, Padang, West Sumatra. E-mail: <a href="mailto:iyam_cb@yahoo.co.id">iyam_cb@yahoo.co.id</a> *Faculty of Agricultural Technology, Andalas University, 25163, Padang, West Sumatra. E-mail: <a href="mailto:anwar_ks@yahoo.com">anwar_ks@yahoo.com</a>	INDONESIA	Utilization Starch of Avocado Seed ( <i>Persea americana</i> Mill.) as a Raw Material for Dextrin
FT-06	<b>Radna Ningsih, Lisa Nesti#, Syahril Mengkok#</b> # Logistics Management Agroindustry, Politeknik ATI Padang, Tabing, 25171, Padang, West Sumatra. E-mail: <a href="mailto:radna.ningsih@gmail.com">radna.ningsih@gmail.com</a>	INDONESIA	Dominant Factors Affecting The Quality Tuber-Based Snacks Products By Using Quality Control Techniques
FT-07	<b>Ni Made Ayu Suardani Singapurwa, I Gede Pasek Mangku</b> <sup>1</sup> Department of Food Science and Technology, Warmadewa University, Denpasar, Bali. Email : <a href="mailto:a.suardani@gmail.com">a.suardani@gmail.com</a> ; Email : <a href="mailto:pasek_mangku@yahoo.com">pasek_mangku@yahoo.com</a>	INDONESIA	Characteristics of "Pedetan" <i>Sardinella</i> With Packaging of Plastic Film During Storage
FT-08	<b>Dao Thi Anh Thu, NGUYEN Thi Xuan Van</b> Chemical Engineering Department, University of Science and Technology, The University of Danang, 54 Nguyen Luong Bang Str. Danang City, Vietnam. E-mail: <a href="mailto:thudao.vn@gmail.com">thudao.vn@gmail.com</a>	VIETNAM	Studying Of The Viability Of Selected Probioitcs In Soy Milk To Develop A Functional Beverage Product
FT-09	<b>Wenny Surya Murtius</b> *Department of Product Agricultural Technology Faculty of Agricultural Technology Andalas University, Padang, Indonesia. E-mail: <a href="mailto:wenny.murtius@gmail.com">wenny.murtius@gmail.com</a>	INDONESIA	The Effect of Times Ripening Grater Cassava ( <i>Manihotutilissima</i> ) toward Physical and Chemical Properties of Crackers Produced
FT-10	<b>Nur Hanani, Z. A.<sup>1, 2*</sup>, Abdullah, S.1</b> <sup>1</sup> Department of Food Technology, Faculty of Food Science and Technology, Universiti Putra Malaysia, 43400 UPM, Serdang, Selangor, Malaysia <sup>2</sup> Halal Products Research Institute, Universiti Putra Malaysia, 43000 UPM Serdang Selangor, Malaysia. E-mail: <a href="mailto:Hanani@upm.edu.my">Hanani@upm.edu.my</a>	MALAYSIA	Development of Green Banana ( <i>Musa paradisiaca</i> ) as Potential Packaging Films
FT-11	<b>Warangkana Angkananon, Mudtorlep Nisoa, Phanpen Wattanaarsakit, Visaka Anantawat</b> Walailak University-THAILAND. E-mail: <a href="mailto:nan_pup@hotmail.com">nan_pup@hotmail.com</a> Plasma Technology for Agricultural Applications Research Laboratory, School of Science, Walailak University, Nakhon Si Thammarat, 80161 Thailand. E-mail: <a href="mailto:nmudtorl@wu.ac.th">nmudtorl@wu.ac.th</a> . Chulalongkorn University Thailand. E-mail: <a href="mailto:aphanphe@chula.ac.th">aphanphe@chula.ac.th</a> . <a href="mailto:anvisaka@gmail.com">anvisaka@gmail.com</a>	THAILAND	Effects of Drying Process on Characteristics of Gac Fruit Aril Powder
FT-12	<b>Yanti Melda Sari<sup>1</sup>, Syarifah Rohaya<sup>1</sup>, Fahrizal<sup>1</sup></b> Agricultural Product Technology Department, Faculty of Agriculture, Syiah Kuala University, Banda Aceh, Indonesia. Email: <a href="mailto:yantimeldasari@unsyiah.ac.id">yantimeldasari@unsyiah.ac.id</a>	INDONESIA	The Effect Of The Gel Percentage And The Length Of Boil Time To The Making Of Sago Noodles
FT-13	<b><sup>1</sup>Kanokwan Puangjinda; <sup>2</sup>Narumol Matan; <sup>3</sup>Mudtorlep Nisoa</b> Walailak University-THAILAND. E-mail: <sup>1</sup> <a href="mailto:kanockwan.rain@gmail.com">kanockwan.rain@gmail.com</a> ; <sup>2</sup> <a href="mailto:nnarumol@yahoo.com">nnarumol@yahoo.com</a> ; <sup>3</sup> <a href="mailto:mnisoa@yahoo.com">mnisoa@yahoo.com</a>	THAILAND	Effect of moisture content and popping method on the quality and nutritional value of popped rice (Khai Mod Rin 3)

FT-14	<b>Hong M.X. Nguyen, Dong T. Phan, Andreas L. Lopata, Peter Smooker</b> <i>Faculty of Food Science and Technology, Nong Lam University, Thu Duc District, Ho Chi minh City, Vietnam. E-mail: nmxhong@hcmuaf.edu.vn</i>	VIETNAM	Formulation of Chitosan-based Biofilm for Application in Instant Food Casing
FT-15	<b>Nguyen Duc Canh<sup>1</sup>, Nguyen Van Hung<sup>2</sup></b> <sup>1</sup> <i>Nong Lam University Ho Chi Minh City-VIETNAM. E-mail: canh.nlu@gmail.com</i> <sup>2</sup> <i>International Rice Reasearch Institultion. Philippines. E-mail: hung.nguyen@irri.org</i>	VIETNAM	Research On Parameters Effecting On Head Brown Rice Recovery And Energy Consumption Of Rubber Roll And Stone Disk Dehusking
FT-16	<b>Van Tuan Tran, Quang Vinh Le, Van Xuan Nguyen</b> <i>1Nong Lam University Ho Chi Minh City-VIETNAM. E-mail: tvtuan2509@yahoo.com; lqvinhnlu@gmail.com; vanxuan310156@gmail.com</i>	VIETNAM	Research On Cassava Drying, Application And Promotion Of Dryers For Sliced Cassava
FT-17	<b>Normalina Arpi*, Fahrizal, Satriana</b> <i>Department of Agricultural Product Technology, Syiah Kuala University, Banda Aceh 23111, Indonesia. *Email: normalina.arpi@unsyiah.ac.id</i>	INDONESIA	Extraction And Properties Of Gelatin From Spotted Oceanic Triggerfish ( <i>Canthidermis Maculata</i> ) Skin And Bone
FT-18	<b>Novi Safriani, Normalina Arpi, Novia Mehra Erfiza</b> <i>Agricultural Product Technology Department, Agriculture Faculty, Syiah Kuala University, Banda Aceh 23111, Indonesia. Email: novisafriani@unsyiah.ac.id</i>	INDONESIA	Antioxidant Activities of <i>Cyperus rotundus</i> L. Rhizome and <i>Areca catechu</i> L. Seed
FT-19	<b>Ira Desri Rahmi</b> <i>Faculty of Agricultural Technology-Andalas University. Indonesia. E-mail: ira.desri@gmail.com</i>	INDONESIA	Encapsulation of Coffee Leaf Extract in Various Concentration Using Maltodextrin as a Wall Material
FT-20	<b>Wittawat Rhatcharhongwang, Visaka Anantawat, Nutjaree Sawjiw, Mudtolep Nisao</b> <i>Walailak University-THAILAND. E-mail: <sup>1</sup>wittawat.racha@gmail.com; <sup>2</sup>anvisaka@gmail.com, <sup>3</sup>cnujare@wu.ac.th, <sup>4</sup>nmudtorl@wu.ac.th</i>	THAILAND	Analysis of Critical Control Point in the Production of Pasteurized Milk. Case Study: Phatthalung Dairy Cooperative Limited
FT-21	<b>Montesqrit, Khalil and Mardhiatul Ulya</b> <sup>1</sup> <i>Faculty of Animal Science, Andalas University, Padang, West Sumatera Indonesia. Email : Montesqrit@yahoo.com</i>	INDONESIA	The Influence Of Drying And Time Of Storage Against Content Of Nutrient Of Rice Bran Varieties Anak Daro
FT-22	<b>Nor Afizah Mustapha<sup>a,b*</sup>, FatinFarhanahBintiRahmat<sup>a</sup>, Wan Zunairah Wan Ibadullah<sup>a</sup></b> <sup>a</sup> <i>Faculty of Food Science and Technology, Universiti Putra Malaysia, 43400, Serdang, Selangor, Malaysia. Email: nor_afizah@upm.edu.my; wanzunairah@upm.edu.my. <sup>b</sup>Halal Product Research Institute, Universiti Putra Malaysia, Putra Infoport, 43400 UPM Serdang Selangor, Malaysia Email: nor_afizah@upm.edu.my</i>	MALAYSIA	Development Of Jackfruit Crackers: Effects of Starch Type And Jackfruit Level

FT-23	<p><b>Sri Haryani Anwar<sup>1</sup>, Mutia Rahmah<sup>2</sup>, Novi Safriani<sup>1</sup>, Dian Hasni<sup>1</sup>, Syarifah Rohaya<sup>1</sup>, and Christina Winarti<sup>3</sup></b>  <sup>1</sup>Department of Agricultural Product Technology, University of Syiah Kuala, Kampus Darussalam – Banda Aceh 2311, Indonesia. E-mail: sri.haryani@unsyiah.ac.id. <sup>2</sup>Alumni of Agricultural Product Technology, University of Syiah Kuala, Kampus Darussalam – Banda Aceh 2311, Indonesia  <sup>3</sup>Centre for Research and Development of Postharvest and Agricultural Products, Jalan Tentara Pelajar No. 12, Cimanggu-Bogor, West Java, Indonesia</p>	INDONESIA	Exploration of Indonesian Native Starches as Emulsifier in Food Emulsion
FT-24	<p><b>Fetriyuna<sup>1</sup>, Siti Nurhasanah<sup>1</sup>, Nisrina Arta Sari<sup>2</sup>, Fathya Rahmina<sup>2</sup></b>  Faculty of Agroindustry, Department of Technology of Food - Padjadjaran University, Jatinangor. Email: fetriyuna@unpad.ac.id</p>	INDONESIA	The Influence of Packaging Type on Small Scale Industry Product (Case studies of SME at “Berkah Laut” , Eretan Kulon Indramayu)
FT-25	<p><b>Dilani Wimalasari, Tien Huynh, Terrence Piva</b>  RMIT University, Australia. Corresponding author : tien.huynh@rmit.edu.au</p>	AUSTRALIA	Diversity in Nutrition and Bioactivity of Momordica Cochinchinensis
FT-26	<p><b>Fahrizal<sup>1</sup>, Rini Ariani B<sup>1</sup>, Normalina Arpi<sup>1</sup>, Novi Safriani<sup>1</sup>, Dewi Setiawati<sup>1</sup></b>  Agricultural Product Technology Department, Faculty of Agriculture, Syiah Kuala University, Banda Aceh, Indonesia. email: fahrizal.z@unsyiah.ac.id</p>	INDONESIA	The Potency of <i>Chanthidermis Maculates</i> Fish For Surimi Production
FT-27	<p><b>Manami Watanabe<sup>1</sup>, Natsuki Uchida<sup>2</sup>, Keiko Fujita<sup>2</sup>, Tomoyuki Yoshino<sup>2</sup> , Toshifumi Sakaguchi<sup>3</sup></b>  <sup>1</sup>Department of Environmental Sciences, Prefectural University of Hiroshima-JAPAN. <sup>2</sup>Department of Life Sciences, Prefectural University of Hiroshima-JAPAN  <sup>3</sup>Department of Life Sciences and Department of Environmental Sciences, Prefectural University of Hiroshima-JAPAN.  Corresponding author: sakaguchi@pu-hiroshima.ac.jp</p>	JAPAN	Bread and Effervescent Beverage Productions with Local Microbes for the Local Revitalization
FT-28	<p><b>Diep Duongthingoc<sup>1</sup>; Tuyet<sup>2</sup> Nguyenthithu; Huan Phantai<sup>3</sup></b>  Faculty of Food Science and Technology, Nong Lam University, Ho Chi Minh City-VIETNAM. <sup>1</sup>E-mail: diepngocduong@yahoo.com, thutuyetmtc@gmail.com</p>	VIETNAM	Application Of Saccharomyces Boulardii Cells In Yogurt
FT-29	<p><b>Thien Trung Le, Ngoc Huyen Ho và Tai Huan Phan</b>  Faculty of Food Science and Technology, Nong Lam University – Ho Chi Minh City. E-Mail: le.trungthien@hcmuaf.edu.vn</p>	VIETNAM	Establishment Of Processing Procedure For Dried Dragon Fruits
FT-30	<p><b>Wan Zunairah Wan Ibadullah<sup>a,*</sup>, Nor Afizah Mustapha<sup>a, b</sup>, Ummu Zakiah Saroni<sup>a</sup></b>  <sup>a</sup>Faculty of Food Science and Technology, Universiti Putra Malaysia, 43400, Serdang, Selangor, Malaysia. Email: wanzunairah@upm.edu.my; nor_afizah@upm.edu.my. <sup>b</sup>Halal Product Research Institute, Universiti Putra Malaysia, Putra Infoport, 43400 UPM Serdang Selangor, Malaysia  Email: nor_afizah@upm.edu.my</p>	MALAYSIA	Osmotic Dehydration Of Sapodilla: Effect Of Different Types Of Sugar

FT-31	<b>Nguyen, H. N. Phuong<sup>a</sup>, Dang, Q. Tuan<sup>a,*</sup></b> <i><sup>a</sup> Department of Food Technology, International University – Vietnam National University HCM city, Quarter 6, Linh Trung ward, Thu Duc dist., Ho Chi Minh city, Vietnam. E-mail address: dq Tuan@hcmiu.edu.vn</i>	VIETNAM	Enzyme-Assisted Aqueous Extraction Of Cashew Nut ( <i>Anacardium occidentale</i> L.) OIL
FT-32	<b>Visaka Anantawat; Warangkana Angkananon; Yaowalak Thongmit; Phanpen Wattanaarsakit; Mudtorlep Nisoa.</b> <i>Walailak University-THAILAND. E-mail: anvisaka@gmail.com</i>	THAILAND	Effects of Drying on Gac fruit Aril Coated Sangyod Rice
FT-33	<b>Visaka Anantawat; Yaowalak Thongmit; Warangkana Angkananon</b> <i>Walailak University-THAILAND. E-mail: anvisaka@gmail.com</i>	THAILAND	Characteristics of Probiotic Ice cream enriched with Gac Fruit
FT-34	<b>Santosa, Omil C. Chatib, Khandra Fahmy, Fadillah Artika</b> <i>Department of Agricultural Engineering, Faculty of Agricultural Technology, Andalas University, Padang-25163, Indonesia. E-mail: santosa764@yahoo.co.id</i>	INDONESIA	Investigation on The Effects of Chitosan Coating And Storage Temperature For Extending The Shelf Life Of Zalacca ( <i>Salaccazalacca</i> )
FT-35	<b>Sony Suwasono<sup>1*</sup>, Jayus<sup>1</sup>, Shagita Noviandha<sup>1</sup>, Simpung Yuliatun<sup>2</sup>, Triantarti<sup>2</sup></b> <i><sup>1</sup> Dept. of Agricultural Product Technology, University of Jember, Jl Kalimantan 37Jember 68121, Indonesia. Email :sony.unej@yahoo.co.id. sony.unej@gmail.com. <sup>2</sup> Indonesian Sugar Research Institute, Jl Pahlawan 25, Pasuruan 67126, Indonesia. Email contact@p3gi.co.id</i>	INDONESIA	Successive Fermentation of Free and Immobilised <i>Saccharomyces cerevisiae</i> , <i>Pichia ohmeri</i> , and <i>Gluconobacter thailandicus</i> In Sugar-Cane Juice to Produce Arabitol and Xylitol
FT-36	<b>Evawany Aritonang<sup>#</sup>, Emi Inayah Sari Siregar<sup>*</sup>, Ernawati Nasution<sup>1</sup></b> <i><sup>#</sup> Community Nutrition Department, University of Sumatera Utara, Medan, 20155, Indonesia. E-mail: evawany@gmail.com. <sup>*</sup> Health Polytechnic Directorate Health Ministry Of Medan. E-mail: nayaega@yahoo.com. <sup>1</sup> Community Nutrition Department, University of Sumatera Utara, Medan, 20155, Indonesia. E-mail: nasutionernawati38@yahoo.com</i>	INDONESIA	The Relationship of Food Consumption and Nutritional Status on Employee of Health Polytechnic Directorate Health Ministry Medan
FT-37	<b>Risa Meutia Fiana<sup>*</sup>, Novelina<sup>*</sup>, Alfi Asben<sup>*</sup></b> <i><sup>*</sup> Department of Agricultural Product Technology, Faculty of Agricultural Technology, Andalas University-INDONESIA. E-mail: risameutia@ymail.com, novelinasusanto@yahoo.com, alfi_asben@yahoo.com</i>	INDONESIA	Characteristic of pH and Temperature of Crude Extract of Glukoamilase from <i>Gliocladium KE</i> by Using Solid Substrate of Sago Hampas

FT-38	<p><b>Van Anh Le<sup>1</sup>, Minh H. Nguyen<sup>1,2</sup>, Sophie E. Parks<sup>1,3</sup> and Paul D. Roach<sup>1</sup></b>  <sup>1</sup> School of Environmental and Life Sciences, University of Newcastle, Ourimbah, NSW 2258, Australia. E-mail: vananh.le@uon.edu.au  <sup>2</sup>School of Science and Health, University of Western Sydney, Penrith, NSW 2751, Australia. Email: minh.nguyen@newcastle.edu.au  <sup>3</sup>NSW Department of Primary Industries, Ourimbah, NSW 2258, Australia E-mail: sophie.parks@dpi.nsw.gov.au</p>	AUSTRALIA	Seeds from the Gac fruit ( <i>Momordica cochinchinensis</i> L. Spreng.), A Rich Source Of Oil And Bioactive Compounds
FT-39	<p><b>Dwi Kristiastuti Suwardiah<sup>1</sup> and Asrul Bahar<sup>2</sup></b>  <sup>1</sup>Department of Home Economic Department, Faculty of Engineering, Surabaya State University . Ketintang Street 60231 Surabaya Jawa Timur Indonesia. E-mail: dwi_kristiastuti@yahoo.com. <sup>2</sup>Department of Home Economic Department, Faculty of Engineering, Surabaya State University.Ketintang Street 60231 Surabaya Jawa Timur Indonesia. asrulbahar96@yahoo.com</p>	INDONESIA	Effect Of Packaging On Bacterial Contamination Levelof Instant Seasoned Rice(Uduk Rice)
FT-40	<p><b>Renny Futeri, M.Ikhlas Armin, Luthfi Sukma Zahrina</b>  Department of Analytical Chemistry, Politeknik Ati Padang Padang, 25171, Indonesia. E-Mail : rennyfuteri@yahoo.com</p>	INDONESIA	Optimization Of Comparative Composition Between Wheat Flour And MOCAF Flour In Making Yellow Pumpkin Donuts
FT-41	<p><b>Hafnimardiyanti, M.Ikhlas Armin, Martalius</b>  Departement Of Analytical Chemistry, Politeknik Ati Padang, Padang, 25171, Indonesia. E-Mail: hafni_Cien@yahoo.com</p>	INDONESIA	Utilization Of Pectin From Durian Seed For Making Edible Coating Packaging And Application To Traditional Product
FT-42	<p><b>Pakhariah Arsad*, Rashidah Sukor*, Wan Zunairah Wan Ibadullah#, Nor Afizah Mustapha*, Anis Shobirin Meor Hussin*</b>  # Department of Food Science, Faculty of Food Science and Technology, Universiti Putra Malaysia,43400 Selangor Darul Ehsan, Malaysia  *Department of Food Technology, Faculty of Food Science and Technology, Universiti Putra Malaysia,43400 Selangor Darul Ehsan, Malaysia. corresponding author : anisshobirin@gmail.com</p>	MALAYSIA	Effects of Enzymatic Treatment on Physicochemical Properties of Sugar Palm Fruit Juice
FT-43	<p><b>Rini, Fauzan Azima, Kesuma Sayuti, Novelina</b>  Faculty of agriculture Technology Andalas University-INDONESIA  E-mail: rinibahar59@yahoo.com</p>	INDONESIA	Chemical Characteristic And Fatty Acid Profile Of Lipid In Rendang Minangkabau
FT-44	<p><b>Thanh T. Dang<sup>ab+</sup>, Quan Van Vuong<sup>a</sup>, Maria J. Schreider<sup>a</sup>, Michael C. Bowyer<sup>a</sup>, Ian A. Van Altena<sup>a</sup> &amp; ChristopherJ. Scarlett<sup>a</sup></b>  <sup>a</sup> School of Environmental and Life Sciences, Faculty of Science and Information Technology, University of Newcastle, Ourimbah, NSW 2258, Australia.  <sup>b</sup> Department of Seafood Processing Technology, Faculty of Food Technology, Nha Trang University, Nha Trang, Khanh Hoa 8458, Vietnam  + Email: trung.dang@uon.edu.au</p>	AUSTRALIA	Effect Of Drying Methods On Chemical Properties And Antioxidant Capacity Of The Brown Alga ( <i>Hormosira Banksii</i> )

FT-45	<b>Estrella C. Zabala Norman G. DeJesus, Zosimo M. Battad</b> <i>Institute of Home Science and Technology (IHST), Pampanga Agricultural College, Philippines. E-mail : zabalaestrellac_ph@yahoo.com</i>	Philippines	Acceptability of Food Products from Sweet Sorghum Sorghum bicolor L.Moench Grain Developed at Pampanga Agricultural College, Philippines
FT-46	<b>Tuyen C. Kha<sup>1*</sup>, Huong P.T. Bui<sup>1</sup>, TuyenM.T. Nguyen<sup>1</sup>, Anh T. Vu<sup>2</sup></b> <i><sup>1</sup>Faculty of Food Science and Technology, Nong Lam University, Ho Chi Minh City, Viet Nam. <sup>2</sup>Department of Chemical Engineering, Nong Lam University, Ho Chi Minh City, Viet Nam. *Presenter: khachantuyen@hcmuaf.edu.vn</i>	VIETNAM	Production Of Spray Dried Gac Fruit Juice And Whole Milk Blends: Optimisation Of Formulations Using Response Surface Methodology
FT-47	<b>Christina Winarti<sup>1</sup>, Nur Richana<sup>1</sup> dan Titi C. Sunarti<sup>2</sup></b> <i><sup>1</sup>Indonesia Center Agricultural Postharvest Research and Development Bogor, 16112 Indonesia. Email: christina.winarti01@gmail.com <sup>2</sup>Department of Agroindustrial Technology, Bogor Agricultural University PO Box 220, Bogor, 16002 Indonesia. Email: titibogor@yahoo.com</i>	INDONESIA	Effect of Arrowroot Nano Starch Preparation Methods on the Characteristics of Curcumin Microcapsules
FT-48	<b>Omil Charmyn Chatib, Mislaini Rahman, Jazmi Luthfi</b> <i>Faculty of Agriculture Technology, Andalas University, West Sumatera, Indonesia. corresponding author : omilcharmynchatib@gmail.com</i>	INDONESIA	Development Coffee Bean Roaster Machine With Electric Heater
FT-40	<b>Syarifah Rohaya, Nida El Husna, Melly Novita, Yanti Meldasari L.</b> <i>Agriculture Faculty, Syiah Kuala University , Banda Aceh, Indonesia corresponding author : syarifahaya12@gmail.com</i>	INDONESIA	Sweet Bread Making Of Sweet Potatoes Flour (Ipomea Batatas) Modified Fermentation With Lactobacillus Brevis
FT-50	<b>Sandra Melly and Mimi Harni</b> <i>Department of Agricultural Technology, Payakumbuh Agricultural Polytechnic . Email: sanmelly@gmail.com</i>	INDONESIA	Design Of Red Cracker Dough Mixing Machine In The Development Of Industry In Limapuluh Kota Districts
FT-51	<b>Gusmalini, Ermiati, Weri Susena</b> <i>Polytechnic of Agriculture of Payakumbuh State highway Tanjung Pati Harau Area, West Sumatera. E-mail: ermatifatimah2006@yahoo.com</i>	INDONESIA	Tongue Mapping Of Traditional Food Of Limapuluh Kota District With Geo Culinary
FT-52	<b>Haslina and Sri Budi Wahjuningsih</b> <i>Agricultural Technology Studies Program, Semarang University, Jl. Soekarno Hatta, Tlogosari Semarang, Indonesia. E-mail: chana_panca@yahoo.com</i>	INDONESIA	Application Of Flower Extract Wuluh Star Fruit(Averrhoa Billimbi L.) On Effervescent Powder
FT-53	<b>Muthia Dewi</b> <i>Agricultural Politechnic of Payakumbuh E-mail: mutdw@yahoo.com</i>	INDONESIA	Effect Of Amount And Type Of Washing Solution On Protein, Fat, And Cholesterol Content Of Spent Laying Hen Meat

FT-54	<b>Mimi Harni, Dina Yulia, Sri Kembaryanti Putri</b> <i>State Polytechnic of Agriculture, Payakumbuh-INDONESIA</i> <i>E-mail: mimiharni2009@gmail.com</i>	INDONESIA	Substitution Of Red Bean In The Making Chicken Nugget
FT-55	<b>Siriporn Chaemsanit and Narumol Matan.</b> <i>Food Technology, School of Agricultural Technology, Walailak University, Nakhon Si Thammarat, 80161, Thailand. corresponding author : j.siriporn4@gmail.com</i>	THAILAND	Antifungal Activity Of Peppermint Oil Vapour Releasing From Activated Carbon Against Aspergillus Flavus On Whole Grain Brown Rice
FT-56	<b>Nor-Khaizura, M. A. R.ab*, Flint, S. H.a, McCarthy, O. J.a, Tay, S. W.a, Grigor, J.C</b> <i><sup>a</sup>Institute Food, Nutrition and Human Health, Massey University, Private Bag 11 222, Palmerston North 4442, New Zealand. <sup>b</sup>Food Safety Research Centre (FOSREC), Faculty of Food Science and Technology, Universiti Putra Malaysia, 43400 Serdang Selangor, Malaysia. <sup>c</sup>Institute Food, Nutrition and Human Health, Massey University, Auckland, New Zealand</i>	NEW ZEALAND MALAYSIA	Descriptive And Acceptancetest Of Set Yoghurt As A Made-In-Transit (MIT) Product
FT-57	<b>Desniorita#, Maryam*</b> <i># Chemical Engineering, Politeknik ATI Padang, Tabing, 25171, Padang, West Sumatra. E-mail: desnioritarusli@gmail.com. * Agro-Industrial Engineering, Politeknik ATI Padang, Tabing, 25171, Padang, West Sumatra. E-mail: iyam_cb@yahoo.co.id</i>	INDONESIA	The Effect Of The Addion Of Liquid Smoke Powder To Shelf Life Of Sauce
FT-58	<b>Rince Alfia Fadri, Rilma Novita, Yenni Muchrida, Sri Kembaryanti Putri, Fidela Violalita</b> <i>Program Study of Food Technology, Polytechnic of Agriculture, University of Andalas, 26271 Payakumbuh, West Sumatera, Indonesia</i> <i>E-mail rince.alfia@yahoo.co.id</i>	INDONESIA	Phenolics Total And Antioxidant Activity Of Strawberry ( <i>Fragaria chiloensis</i> )
FT-59	<b>Evawati, Irwan Roza, Rince alfia Fadri and Mimi Harni</b> <i>Program Studies Food Technology Departement of Agricultural Technology. Agricultural Polytechnic State Payakumbuh, West Sumatra, Indonesia 26571. Email: evawati72@yahoo.com</i>	INDONESIA	Optimization Of Additional Volume Of Water And Milling Frequency In Coconut Milk Mechanical Bleeder On Traditional Food Processing Of 'Gelamai'
FT-60	<b>Fauzan Azima</b> <i>*Department of Product Agricultural Technology Faculty of Agricultural Technology Andalas University, Padang, Indonesia</i> <i>E-mail: fauzandes@yahoo.com</i>	INDONESIA	Utilization of Mixed Oyek Cassava, Corn Grits, Brown Rice and Soy Grits in the Production of Extruded Snack
FT-61	<b>Debby Sukriani, Nelzi Fati</b> <i>Agricultural Polytechnic State of Payakumbuh.</i> <i>email: syukrianidebby@yahoo.co.id; Nelzifati@gmail.com</i>	INDONESIA	The Addition Effects Of Bangun-Bangun ( <i>Coleus Amboinicus Lour</i> ) Leafs Powder To Egg Quality

FT-62	<b>Maria Selvaggi, Federica Ioanna, Francesco Pinto, Cataldo Dario</b> <i>Univeristy of Bari "Aldo Moro"-ITALY. E-mail: maria.selvaggi@uniba.it, biaxy@libero.it; francesco.pinto@uniba.it; cataldo.dario@uniba.it</i>	ITALY	Genetic Analysis Of Milk Yield During Suckling And Milking Period In Three Italian Sheep Breeds
FT-63	<b>Nguyen Thi Dong Phuong<sup>1</sup>, Dang Thi Thao<sup>1</sup>, Hoang Hai<sup>2</sup>, Nguyen Hoang Trung Hieu<sup>3</sup></b> <sup>1</sup> <i>Department of Food Technology, Faculty of Chemical Engineering, Danang University of Science and Technology, 54 Nguyen Luong Bang Street, Danang City, 550000, Vietnam. E-mail: nguyendongphuong25@gmail.com</i> <sup>2</sup> <i>Department of International Cooperation, Danang University, 41 Le Duan Street, Danang City, 550000, Vietnam. E-mail: hhai@ac.udn.vn</i> <sup>3</sup> <i>Department of Biotechnology, Faculty of Chemical Engineering, Danang University of Science and Technology, 54 Nguyen Luong Bang Street, Danang City, 550000, Vietnam. E-mail: nhtrunghieu@dut.udn.vn</i>	VIETNAM	Manufacture Of Fermented Coconut Milk-Drink Probiotic By Lactobacillus Plantarum
FT-64	<b>Angela Gabriella D'Alessandro, Maria Selvaggi, Giovanni Martemucci</b> <i>Univeristy of Bari "Aldo Moro"-ITALY. E-mail: 1 angelagabriella.dalessandro@uniba.it; 2maria.selvaggi@uniba.it; 3 gmartem@libero.it</i>	ITALY	Fatty Acid Composition And Hedonic Ratings Of Meat From Light Lambs Of Leccese Breed In Relation To Slaughter Age
FT-65	<b>Novelina; Tuty Anggraini and Rudi Hermansyah</b> <i>Faculty of Agricultural Technology, Andalas University Limau Manis Padang Indonesia -25213. E-mail: novelinasutanto@yahoo.com</i>	INDONESIA	Production of liquid chlorophyll from the leaves of green grass jelly (Premna oblongifolia Merr.)
FT-66	<b>Murna Muzaifa#, Dian Hasni#, Febriani*, Anshar Patria# and Amhar Abubakar<sup>1</sup></b> <i># Agricultural Product Technology Departement, Faculty of Agriculture, Syiah Kuala University, Darussalam, Banda Aceh, 23111, Indonesia</i> <i>* Chemistry Departement, Faculty of Mathematics and Science, Syiah Kuala University, Darussalam, Banda Aceh, 23111, Indonesia. <sup>1</sup> Animal Husbandry Departement, Faculty of Agriculture, Syiah Kuala University, Darussalam, Banda Aceh, 23111, Indonesia. corresponding author : murnathp@yahoo.com</i>	INDONESIA	Cupping Quality of Wild and Caged Civet Coffee (Kopi Luwak)
FT-67	<b>Andasuryani#, Santosa#, Hadi Indra Saputra#, Alhapen Ruslin Chandra*</b> <i>#Agricultural Engineering Department. Andalas University, Indonesia</i> <i>*Business Administration Department, Polytechnic State of Padang, Indonesia corresponding author : andasuryani@fateta.unand.ac.id</i>	INDONESIA	Techo-economic Performance of Trimmer of Red Shallot Dry Leaves
FT-68	<b>Andres Tuates</b> <i>Department of Agriculture Philippine Center for Postarvest Development and Mechanization, Philippine. Corresponding author : amtuates@yahoo.com</i>	PHILIPPINES	Optimization of Parboiling Conditions of Local Rice Varieties in the Philippines
FT-69	<b>Bambang Dwi Argo and Angky Wahyu Putranto</b> <i>Agricultural Engineering Department, University of Brawijaya, Malang 65145, Indonesia. corresponding author : dwiargo@ub.ac.id</i>	INDONESIA	Optimization of Total Carotenoid from Carrot Juice ( <i>Daucus carota</i> L) Using Pulsed Electric Field



FT-70	<b>M. Dani Supardan<sup>#</sup>, Ida Hasmita<sup>#</sup>, Adisalamun<sup>#</sup>, Pocut Nurul Alam<sup>#</sup>, Satriana<sup>*</sup>, Mahlinda<sup>#</sup></b> <i><sup>#</sup>Department of Chemical Engineering, Syiah Kuala University, Indonesia <sup>*</sup>Department of Agriculture Product Technology, Syiah Kuala University, Indonesia. corresponding author : m.dani.supardan@che.unsyiah.ac.id</i>	INDONESIA	Effect of Drying and Hydrodistillation Time on the Amount of Ginger Essential Oil
FT-71	<b>Hasbullah<sup>#</sup>, Sri Raharjo<sup>*</sup>, Pudji Hastuti<sup>*</sup></b> <i><sup>#</sup>Faculty of Agritultural, Khairun University, Ternate, 97719, Indonesia. E-mail: bullah_has@yahoo.co.id. <sup>*</sup>Faculty of Agritech, Gadjah Mada University, Yogyakarta, Indonesia . E-mail: sraharjo_ugm@yahoo.com; hastutipudji@yahoo.com.id</i>	INDONESIA	Total Phenolic, $\beta$ -Carotene and Radical Scavenging Activity of Mace Extract
FT-72	<b>Umi Purwandari</b> <i>Faculty of Agritultural, University of Trunojoyo Madura, Madura, Indonesia 69162. Phone: +62 31 3013234. Fax: +62 31 3011506.</i>	INDONESIA	Fermentation Of Gathotan: Optimization And Starch Characteristics During Fermentation
FT-73	<b>Puspita Sari<sup>1,2*</sup>, Efrilia Pritasari<sup>1</sup>, Sukatiningsih<sup>1</sup></b> <i><sup>1</sup> Department of Agricultural Product Technology, Faculty of Agricultural Technology, University of Jember. <sup>2</sup> Center for Development of Advanced Sciences and Technology (CDAST), University of Jember. Jember 68121, Indonesia. Email :poespitha_s@yahoo.com</i>	INDONESIA	Anthocyanin-Colourant Powders from Jambolan (Syzygium cumini) Fruit
FT-74	<b>Puspita Sari, Devy D. Anggriyana, Sukatiningsih</b> <i>Department of Agricultural Product Technology, Faculty of Agricultural Technology, University of Jember, Indonesia. corresponding author : poespitha_s@yahoo.com</i>	INDONESIA	Application of Jambolan (Syzygium cumini) Fruit's Anthocyanins Copigmented with Rosemary Polyphenol Extract in Jelly and Carbonated Drink
FT-75	<b>Kurnia Harlina Dewi<sup>#</sup>, Helmiyetti<sup>*</sup>, Syalfinal Manaf<sup>*</sup> and Ruca Ruci<sup>*</sup></b> <i><sup>#</sup>Department of Agroindustrial Technology, Faculty of Agriculture, University of Bengkulu , Indonesia. <sup>*</sup> Department of Biology, Faculty of Math and Natural Science, University of Bengkulu, Indonesia. E-mail : nia_unib@yahoo.com</i>	INDONESIA	Change In The Behavior Of Swiss Webster Male Mice (Mus Musculus L.) With The Provision Of Health Drink Of Sea Cucumber Ginger Coffee (Koteja)
FT-76	<b>Yuthana Phimolsiripol and Treethip Chuensun</b> <i>Division of Product Development Technology, Faculty of Agro-Industry, Chiang Mai University 50100 Thailand. corresponding author : yuthana.p@cmu.ac.th</i>	THAILAND	Shelf Life Extension of Semi-Dried Noodle Using Crude Peptide Extract from Lablab Bean (Dolichos Lablab)

**[5] PRODUCT DEVELOPMENT (FD)**

PD-01	<b>Y. A. Yusof<sup>*1</sup>, S. W. Tan, N. L. Chin<sup>#1</sup></b> <i><sup>1</sup>Department of Process and Food Engineering, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia. yus.aniza@upm.edu.my ; chinnl@upm.edu.my</i>	MALAYSIA	Compaction Characteristics of Rice Straw, Sugarcane Bagasse, Soybean Residue and Napier Grass
PD-02	<b>Tham Thi Bui<sup>1</sup>, Keishi Suga<sup>2</sup>, Hiroshi Umakoshi<sup>3</sup></b> <i>Osaka University-JAPAN. <sup>1</sup>E-mail: buitham060991@gmail.com; keishi.suga@cheng.es.osaka-u.ac.jp; <sup>3</sup>Corresponding e-mail: b-ice@cheng.es.osaka-u.ac.jp</i>	JAPAN	Systematic Characterization of Sterol Molecules in Phospholipid Bilayer Membranes and Its Application
PD-03	<b>Nghi Nguyen; Canh Nguyen; Hoa Hau</b> <i>Nong Lam University Ho Chi Minh City-VIETNAM e-mail: ntngghi78@gmail.com; canh.nlu@gmail.com; hauduchoa@gmail.com</i>	VIETNAM	Technical, Economic And Environmental Evaluation On Mechanical Rice Straw Gathering Method
PD-04	<b>Yohanes Parlindungan Situmeang<sup>#</sup>, I Made Adnyana<sup>*</sup>, I Nengah Netera Subadiyasa<sup>*</sup>, and I Nyoman Merit<sup>*</sup></b> <i><sup>#</sup>Faculty of Agriculture, Warmadewa University, Denpasar, Bali. E-mail: ypsitumeang63@gmail.com. <sup>*</sup> Postgraduate Agricultural Science Program, Udayana University, Denpasar-Bali, Indonesia</i>	INDONESIA	Effect Of Dose Biochar Bamboo, Compost, And Phonska On Growth Of Maize ( <i>Zea Mays</i> L.) In Dryland Analysis of Feed for Digestibility Bali Cattle Cow In Group Program 'Simantri' in Bali on Different Topographic
PD-05	<b>Nur Syazwani Abd Rahmana<sup>*</sup>, Mohd Firdaus Yhayab, Baharin Azaharib, Wan Ruslan Ismaila</b> <i><sup>a</sup>School of Humanities, Universiti Sains Malaysia, 11800, Penang, Malaysia <sup>b</sup>School of Industrial Technology, Universiti Sains Malaysia, 11800, Penang, Malaysia. <sup>*</sup>Corresponding author: nursyazwani.rahman@gmail.com</i>	MALAYSIA	Crosslinking of Cellulose Kapok Fiber via Azide Alkyne Click Chemistry as a New Material for Filtering System: A Preliminary Study
PD-06	<b>Noor Afeefah Nordin<sup>1,*</sup>, Othman Sulaiman<sup>1</sup>, Rokiah Hashim<sup>1</sup> and Mohamad Haafiz Mohd Kassim<sup>1</sup></b> <i><sup>1</sup> Division of Bioresource, Paper and Coatings Technology, School of Industrial Technology, Universiti Sains Malaysia, 11800 Minden, Pulau Pinang. E-mail: epinordin@gmail.com</i>	MALAYSIA	Characterization and Properties of Different Parts of Oil Palm Fronds ( <i>Elaeis guineensis</i> ).
PD-07	<b>Athiya Nonthakaew; Narumol Matan</b> <i>Wailalak University-THAILAND E-mail: aom.athiya@gmail.com; nnarumol@yahoo.com</i>	THAILAND	Antifungal activity of michelia alba essential oil incorporated into water hyacinth based food packaging
PD-08	<b>Yuliani Aisyah, Sri Haryani Anwar, Novi Safriani, Nida El Husna</b> <i><sup>1</sup>Department of Agricultural Product Technology, Darussalam Campus, University Syiah Kuala, Banda Aceh 23111, Indonesia. E-mail: yuliani.aisyah@unsyiah.ac.id</i>	INDONESIA	Optimation Process of Cinnamon Oil ( <i>Cinnamomum burmannii</i> ) Nanoemulsion

PD-09	<b>Thi Kieu Hanh Nguyen, Thi Binh Minh Nguyen, Dinh Nam Khuc, Kieu Nhi Ngo</b> <i>Nong Lam University Ho Chi Minh City- E-mail: nguyenkieuhanh24@yahoo.com; binhminh_sunshine@yahoo.com; khucdinham@hcmuaf.edu.vn; ngokieuunhi@yahoo.com</i>	VIETNAM	Research on Ability of Cleaning Nylon from Rubbish by Cleaning Equipment with Threshing – Sucking Principle
PD-10	<b>Saifon Phothisuwan; Narumol Matan; Wanchart Preechatiwong</b> <i>Walailak University-THAILAND. E-mail: phothisuwan.me@gmail.com; nnarumol@yahoo.com</i>	THAILAND	Control of pathogenic bacteria on eggshells by incorporation of essential oil in paper egg tray
PD-11	<b><sup>1</sup>Sumethee Songsamoe; <sup>2</sup>Narumol Matan; <sup>3</sup>Nirundorn Matan</b> <i><sup>1</sup>Food Technology, School of Agricultural Technology, Walailak University. THAILAND. E-mail: sumethee5192@gmail.com. <sup>2</sup>Food Technology, School of Agricultural Technology, Walailak University E-mail. nnarumol@yahoo.com <sup>3</sup>Materials Science and Engineering, School of Engineering and Resources, Walailak University. THAILAND Email: mnirundo@wu.ac.th</i>	THAILAND	Effect of absorbent material from water hyacinth root containing essential oil on the shelf-life extension of Thai dessert
PD-12	<b><sup>1</sup>Nguyen Tuan Anh; <sup>2</sup>Syang Peng Rwei</b> <i><sup>1</sup>Ho Chi Minh University of Technology and Education-VIETNAM. E-mail: nta@hcmute.edu.vn. <sup>2</sup>National Taipei University of Technology-TAIWAN E-mail: f10714@ntut.edu.tw</i>	VIETNAM-TAIWAN	Conformational Formation and Phase Transition of Xanthan Gum and Its Aqueous Blends - An Optical, Thermal and Rheological Study
PD-13	<b>Herlina, Triana Lindriati, Mukhammad Fauzi, Gilang Rinaldy</b> <i>Dept. of Agricultural Product Technology, University of Jember, Jember 68121, Indonesia. corresponding author : linaftp@yahoo.com</i>	INDONESIA	Use of Crude Extract Water Soluble Polysaccharides from Durian ( <i>Durio Zibethinus Murr.</i> ) Seeds to Improve Lipid Profile of Rats Hyperlipidemia
PD14	<b>Henny Purwaningsih*, Mohammad Khotib, Zainal Alim Mas'ud, &amp; Tun Tedja Irawadi</b> <i>Department of Chemistry, Faculty of Mathematics and Science, Bogor Agricultural University, Bogor, Indonesia. Integrated Laboratory, Bogor Agricultural University, Bogor, Indonesia. *Corresponding author; email: hennypu@ipb.ac.id</i>	INDONESIA	Potential of Sago Hampas as Backbone Material for Chromatographic Media
PD-15	<b>Benyapa Srikaew; Narumol Matan; Tanong Aewsiri</b> <i>Walailak University-THAILAND. E-mail: little_dipper_2@hotmail.com</i>	THAILAND	Optimization of moisture content, inoculums level, and storage time to make paper pulp from <i>Trametes versicolor</i>
PD-16	<b><sup>1</sup>Mohana Baskaran; <sup>1</sup>Rokiah Hashim; <sup>1</sup>Mohd Fahmi Mohd Yusoff; <sup>1</sup>Sabar Bauk; <sup>1</sup>Othman Sulaiman; <sup>2</sup>Matoshi Sato; <sup>1</sup>Sudesh Kumar</b> <i><sup>1</sup>Universiti Sains Malaysia. <sup>2</sup>The University of Tokyo Corresponding author: mohna23@gmail.com</i>	MALAYSIA	Mass Attenuation Coefficients of Binderless and Polylactic Acid Added Oil Palm Trunk Particleboard in the Diagnostic Energy Range
PD-17	<b>Nazmi Mat Nawi, Ghaibulna Abdol Lajis</b> <i>Universiti Putra Malaysia-E-mail: nazmimat@upm.edu.my; ghai-al@hotmail.com</i>	MALAYSIA	Spectroscopic measurement to predict oil content of oil palm fruitlets at different scanning distances

PD-18	<b>Ngo Thi Ty Na# , Phan Tai Huan, Nguyen Thi Bich Tram</b> # Faculty of Food Science and Technology, Nong Lam University – Ho Chi Minh City, Vietnam tyna@hcmuaf.edu.vn	VIETNAM	Screening of fungal strains grown in solid-state culture for production of pectinase from coffee husk
PD-19	<b>Patpen Penjumras, Russly Abdul Rahman, Rosnita A. Talib, Khalina Abdan</b> Department of Process and Food Engineering, Faculty of Engineering, Universiti Putra Malaysia. Department of Biological and Agricultural Engineering, Faculty of Engineering, Universiti Putra Malaysia. E-mail : p_atp@hotmail.com	MALAYSIA	Mechanical Properties and Water Absorption Behaviour of Durian Rind Cellulose Reinforced Poly(lactic acid) Biocomposites
PD-20	<b>Hong Ngoc Thuy Pham#*, Van Tang Nguyen#*, Quan Van Vuong#, Michael C. Bowyer# &amp; Christopher J. Scarlett#</b> # School of Environmental and Life Sciences, Faculty of Science and Information Technology, University of Newcastle, New South Wales, Australia E-mail: hongngocthuy.pham@uon.edu.au, vantang.nguyen@uon.edu.au, vanquan.vuong@newcastle.edu.au, michael.bowyer@newcastle.edu.au, c.scarlett@newcastle.edu.au. *Faculty of Food Technology, Nha Trang University, Nha Trang City, Khanh Hoa Province, Vietnam	AUSTRALIA	Evaluation of bioactive compounds and antioxidant capacity of <i>Helicteres hirsuta</i> Lour. aqueous extract
PD-21	<b>Quan V Vuong#+, Thanh T. Dang**, Van Tang Nguyen**, Deep J. Bhuyan#, Chloe D. Gold Smith#, Christopher J. Scarlett#, Michael C. Bowyer#</b> # School of Environmental and Life Sciences, University of Newcastle, Ourimbah, NSW 2258, Australia. +E-mail: vanquan.vuong@newcastle.edu.au *Faculty of Food Technology, NhaTrang University, No. 2 Nguyen DinhChieu, NhaTrang, KhanhHoa 8458, Viet Nam	AUSTRALIA	Ultrasound assisted extraction of euphol, phenolic compounds and antioxidant capacity from the medicinal plant, <i>Euphorbia tirucalli</i>
PD-22	<b>Siti Fairus M. Yusoff*, Naharullah Jamaluddin Muhammad Jefri Mohd Yusof, and Ibrahim Abdullah</b> School of Chemical Sciences and Food Technology, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia. Corresponding: author:sitifairus@ukm.edu.my	MALAYSIA	Non-catalytic Hydrogenation of Liquid Natural Rubber using Diimide
PD-23	<b>Norhafizah Saari<sup>1</sup>, Rokiah Hashim<sup>2</sup>, Othman Sulaiman<sup>3</sup>, Masatoshi Sato<sup>4</sup></b> <sup>1</sup> School of Industrial Technology, Universiti Sains Malaysia, 11800, Penang, Malaysia. E-mail: fitzhafizah@gmail.com; hrokiah1@gmail.com <sup>3</sup> School of Industrial Technology, Universiti Sains Malaysia, 11800, Penang, Malaysia. E-mail: osulaiman@gmail.com. <sup>4</sup> Graduate School of Agricultural and Life Sciences, The University of Tokyo, Tokyo, Japan. E-mail: amsato@mail.ecc.u-tokyo.ac.jp	MALAYSIA	The Influenced of Compression Ratio on Properties of Binderless Compressed Veneer made from Oil Palm Trunk
PD-24	<b>Rusdianasari<sup>1</sup>, Aneasari Meidinariasty<sup>1</sup>, Indah Purnamasari<sup>1</sup></b> <sup>1</sup> Chemical Engineering Department, State of Polytechnic Sriwijaya, Palembang 30139, Indonesia. E-mail: rusdianasari19@gmail.com, aneasari@yahoo.com, indah_chemistry@yahoo.com	INDONESIA	Level Decreasing Kinetics Model Of Heavy Metals Contents In The Coal Stockpile Wastewater With Electrocoagulation

PD-25	<b>Daniel PIOCH, Dr, HDR</b> <i>CIRAD Dpt Amis / UMR CIRAD-016 GPEB. Génie des procédés d'Elaboration des bioproduits. TA B 64/16. 73, rue Jean-François BRETON 34 398 MONTPELLIER Cedex 5, FRANCE E-mail: daniel.pioch@cirad.fr. http://www.cirad.fr . http://www.gdp.univ-montp2.fr/</i>	FRANCE	The Challenge Of Applying Of Multiple Biorefinery Concept To Guayule Biomass
PD-26	<b>N.L.M Suraya, H.P.S Abdul Khalil</b> <i>School of Industrial Technology, Universiti Sains Malaysia, 11800, Penang, Malaysia. E-mail: garlinlinda@hotmail.com; akhalilhps@gmail.com</i>	MALAYSIA	Effect of Different Filler Ratio on Physical Properties of Oil Palm Empty Fruit Bunch (OPEFB) and Oil Palm Ash (OPA) Hybrid Filled Unsaturated Polyester Composites
PD-27	<b>N. Bainun Parjo<sup>1</sup>, Razauden Mohamed Zulkifli<sup>1</sup>, Azli Yahya<sup>2</sup>, Farediah Ahmad<sup>3</sup>, Amir Husni Mohd Shariff<sup>2</sup></b> <i><sup>1</sup> Faculty of Biosciences and Medical Engineering, Universiti Teknologi Malaysia, Johor. <sup>2</sup>UTM-IJN Cardiovascular Engineering Centre, Faculty of Biosciences and Medical Engineering, Universiti Teknologi Malaysia, Johor. <sup>3</sup> Faculty of Sciences, Universiti Teknologi Malaysia, 81300 Skudai, Johor razauden@fbb.utm.my</i>	MALAYSIA	<i>Kaempferia galanga</i> L. Extract as a potential active ingredient for Anti-dandruff Hair Cream against human scalp fungus S.
PD-28	<b>Tuty Anggraini, Sahadi Didi Ismanto and Dahlia</b> <i>Faculty of Agricultural Technology, Kampus Unand Limau Manis, Andalas University, 25163 West Sumatra, Indonesia. Corresponding Author: tuty_anggraini@yahoo.co.id</i>	INDONESIA	The making of Transparent Soap From Green Tea Extract
PD-29	<b>Hong Phung Vo Cam<sup>1</sup>, Hanh Huynh Thi Bich<sup>2</sup>, Thien Trung Le<sup>2</sup>, Don Dinh Le<sup>1</sup></b> <i><sup>1</sup> Research Institute for Biotechnology and Environment, Nong Lam University – Ho Chi Minh City. E-mail: hongpvc@gmail.com. <sup>2</sup> Faculty of Food Science and Technology, Nong Lam University – Ho Chi Minh City</i>	VIETNAM	Enzymatic Hydrolysis Of Crocodile Meat Protein
PD-30	<b>Marlina<sup>1</sup>, Andani Eka Putra<sup>2</sup>, Rustini<sup>1</sup>, Yufri Aldi<sup>1</sup>, Prima Ramadhani<sup>1</sup>, Trifebriana Burlis<sup>1</sup></b> <i><sup>1</sup> Faculty of Pharmacy, Andalas University, Post Code 25163, Padang, Indonesia, <sup>2</sup> Faculty of Medicine, Andalas University, Post Code 25163, Padang, Indonesia. Correspondence Author: marlina_adly@yahoo.com</i>	INDONESIA	Comparing Of Primer Design Of Multiplex Pcr For E6 Gene From Human Papilloma Virus (Hpv)
PD-31	<b>Bambang Aris Sistanto</b> <i>Water Resources Laboratory, Direktorat of Agricultural Technical Industrial Management, Agricultural Industrial Technology Faculty, Universitas Padjadjaran</i>	INDONESIA	The Study of Placement Pattern Micro Sprinkler Depends on Hanging Micro Sprinkler Irrigation against the Value of Irrigation Efficiency.
PD-32	<b>Bohari M. Yamin Siti and Aishah Hasbullah</b> <i>School of Chemical Science and Food Technology, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, Selangor, Malaysia. Email: bohari@ukm.edu.my</i>	MALAYSIA	Synthesis and Antioxidant Study of Some thiourea derivatives

PD-33	<b>Zaituni Udin, , Jaswandi<sup>2</sup>, Hendri and Anna Farhana<sup>2</sup></b> <i>Animal Husbandry, Faculty of Animal Husbandry, Andalas University, Padang</i> <i>E-mail : zaituniudin@yahoo.co.id</i>	INDONESIA	Effect Of Cooling Rate And Extenders On Post-Thawing Semen Quality Of Bali Cattle
PD-34	<b>Dina Wahyu<sup>#</sup>; Tsair-Wang Chung<sup>*</sup></b> <i><sup>#</sup> Department of Agricultural Engineering, Faculty of Agricultural Technology, Brawijaya University, Malang, Indonesia. Email : dinawahyu@ub.ac.id</i> <i><sup>*</sup>Department of Chemical Engineering, Chung Yuan Christian University, Chung li, Taoyuan, 320, Taiwan. Email: twchungcyu@gmail.com</i>	INDONESIA TAIWAN	Adsorption Equilibrium of Acetone, Butanol, and Ethanol in the Bio-Based Fermentation Broth onto Immobilization Starch Sorbent
PD-35	<b>Fatimatul Akma Awang, Atisya Rohadi, Bohari M Yamin and Siti Aishah Hasbullah<sup>*</sup></b> <i>School of Chemical Sciences and Food Technology,Universiti Kebangsaan Malaysia, 43650 Bangi, Selangor, Malaysia. E-mail: aishah80@ukm.edu.my</i>	MALAYSIA	Synthesis, X-Ray Crystal Structure and Antibacterial Activity of Phthalide Derivatives
PD-36	<b>Phan-Tai Huan<sup>*</sup>, Nguyen Thi Mai Hong</b> <i>Faculty of Food Science and Technology, Nong Lam University – Ho Chi Minh City, Vietnam. E-mail: pthuan@hcmuaf.edu.vn</i>	VIETNAM	Polyphenol Content And Antioxidant Capacity Of Herbal Tea From Vietnamese Water Hyssop ( <i>Bacopa Monnieri</i> )
PD-37	<b><sup>1</sup>Chira Bureecam, <sup>2</sup>Nisit Panthamit, <sup>3</sup>Kunchon Wattanakun.</b> <i><sup>1</sup>Payap University-THAILAND. E-mail: chirabu@gmail.com</i> <i><sup>2</sup>Chiang Mai University-THAILAND. E-mail: nisitp@gmail.com</i> <i><sup>3</sup>Chiang Mai University-THAILAND. E-mail: kunchon@econ.cmu.ac.th</i>	THAILAND	An Adoption Of Compound Biological Products On Highland Cultivation In The Northern, Thailand
PD-38	<b>Yuli Witono<sup>*</sup> and LailatulAzkiyah</b> <i>Department of Agricultural Product Technology, Faculty of Agriculture Technology, University of Jember, Indonesia</i> <i><sup>*</sup>Corresponding Author. Tel.: +6281336700946; E-mail Address:yuliwitono.ftp@unej.ac.id.</i>	INDONESIA	Immobilization Of Crown Flower ( <i>Calotropis Gigantea</i> ) Protease Using Celite And Dextrin
PD-39	<b>Hendri, Tinda Afriani, and Despi Elfika</b> <i>Faculty of Animal Husbandry, University of Andalas, Padang, Indonesia.</i> <i>e-mail : hendri_ma@yahoo.co.id</i>	INDONESIA	Reproductive Performance Of Simmental Cross Cow in Lareh Sago Halaban Lima Puluh Kota
PD-40	<b>Arnim and Khasrad</b> <i>Faculty of Animal Husbandry, Andalas University, Padang – West Sumatera, 25136 Tel / Fax: + 62 751 71464. e-mail: suarnim@gmail.com</i>	INDONESIA	Estimating Body Weight Of Simmental Cross (Sc) Cattle Using Body Size
PD-41	<b>Susi Desminarti<sup>1</sup>, Rimbawan<sup>2</sup>, Faisal Anwar<sup>2</sup>, Adi Winarto<sup>3</sup></b> <i>1).Department of Food Technology, Polytechnic of Agriculture Payakumbuh, 2). Departement of Community Nutrition, Faculty of Human Ecology, Bogor Institute of Agriculture, 3) Departement of Anatomy Physiology and Pharmacology, Faculty of Veterinary Medicine, Bogor Institute of Agriculture.</i> <i>Email: isusdesminarti@yahoo.com</i>	INDONESIA	The Potency Of Instant Tempe Powder As Blood Glucose Control And Improve Liver Glycogen Synthesis In Hyperglycemic Condition
PD-42	<b>Adonis A Closas</b> <i>Philippine Society of Mechanical Engineers (PSME).</i> <i>E-mail: a_closas@yahoo.com</i>		Experimental Development and Performance Investigation of Heat Pump Dehumidifier Dryer"

PD-43	<b><sup>1</sup>Mai Tran Thi Ngoc, <sup>2</sup>Ngoc-Uyen Nguyen-Thai, <sup>3</sup>Phuoc Quang Huynh</b> <i><sup>1</sup>Hutech University of Technology Viet Nam. Email: ttngmai@gmail.com</i> <i><sup>2</sup>Ho Chi Minh City University of Science Viet Nam E-mail: ntnuyen@hcmus.edu.vn</i> <i><sup>3</sup>Hutech University of Technology- Viet Nam E-mail: hqphuoc@gmail.com</i>	VIETNAM	Enzyme-assisted lipid extraction of Vietnamese brown seaweeds
PD-44	<b>Sukkasem Pinyapach and Huey-wen Chuang</b> <i>Department of BioAgricultural Science, National Chiayi University, No.300, Chiayi City, 60004, Taiwan. E-mail: vallaris12@gmail.com</i>	TAIWAN	Regulation Of Nitrate Accumulation By LED Supplemental Lighting
PD-45	<b>Putri Yulastuti, Jumeri MW, M. Affan FF</b> <i>Agroindustrial Technology Department, University of Gadjah Mada. E-mail: yulastutiputri@gmail.com</i>	INDONESIA	Bees wax and Aloe vera Based Edible Coating to Extend Fresh Strawberries Shelf Life Using Taguchi Method
PD-46	<b>Sahadi Didi Ismanto, Tuty Anggraini and Melda Fitri J.NST</b> <i>Faculty of Agricultural Technology, Andalas University, Padang, Indonesia</i> <i>Corresponding author: sahadididiismanto@gmail.com</i>	INDONESIA	The Influences of Lime Powder (Citrus aurantifolia, S. ) on Hibiscus Leaf Tea Quality (Hibiscus rosasinensis, L.)
PD-47	<b>Sukor, R.#, Syed-Hijohari, S.N.J.*, MeorHussin, A.S.*</b> <i>#Food Safety Research Centre, Faculty of Food Science and Technology, Universiti Putra Malaysia, 43400 Selangor, Malaysia</i> <i>E-mail: rashidah@upm.edu.my. # Department of Food Technology, Faculty of Food Science and Technology, Universiti Putra Malaysia, 43400 Selangor, Malaysia. E-mail: shobirin@upm.edu.my</i>	MALAYSIA	Nutraceutical Potential and Chemical Properties of Selected Edible Flower
PD-48	<b>Siti Aishah H<sup>1#</sup>, Rosenani A.B.<sup>1</sup>, Thohirah A.<sup>1</sup>, Siti Hajar A.<sup>1</sup>, Puteri Edaroyati M.W.<sup>1</sup>, Nur Faezah O.<sup>1</sup> and Nurulhasanah I.<sup>1</sup></b> <i>#<sup>1</sup>Faculty of Agriculture, Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia. E-mail: s_aishah@upm.edu.my</i>	MALAYSIA	Organic fertilizer and biochar application improved andrographolide content and antioxidant activity of Andrographis paniculata
PD-49	<b>Nguyen Thi Le Thoa, Dang Minh Nhat</b> <i>Department of Food Technology, The University of Science and Technology- Danang University, 54 Nguyen Luong Bang street, Danang, Vietnam. E-mail: nhattendangminh@gmail.com</i>	VIETNAM	Antibacterial activities of the extracts of Mimosa pudica L. – An in-vitro study.
PD-50	<b>Kartika<sup>1</sup>, Julsam<sup>1</sup>, Misriana<sup>2</sup>, Sandra<sup>3</sup></b> <i><sup>1</sup>Electro Department, State Polytechnic Padang, Limau Manis, Padang, 25163, Indonesia. E-mail: kartika_munir@yahoo.com; julsam_ir@yahoo.co.id</i> <i><sup>2</sup>Electro Department, State Polytechnic Lhokseumawe, Buket Rata, Lhokseumawe, 24301, Indonesia. E-mail: misriana_manaf@yahoo.co.id</i> <i><sup>3</sup>Agricultural Technology, Brawijaya University, Mayjen Haryono 169, Malang, 65145, Indonesia. E-mail: sandra.malinsutan@yahoo.co.id</i>	INDONESIA	Axis Design Tool Truck Counters For Truck Classification On Truck Weigh Stations
PD-51	<b>Istino Ferita, Hamda Fauza and Jamsari</b> <i>Faculty of Agriculture, Andalas University, Padang, 25163 West Sumatra, Indonesia. corresponding author : istinoferita@yahoo.com</i>	INDONESIA	Accuracy Test of Specific Primers Related to Genetic Potential of Catechins Content in Gambier ( <i>Uncaria gambier</i> Roxb)

PD-52	<b>Kastana Sapanli<sup>#</sup> and Rosy Hutami*</b> <i>#Department Economic Resource and Environment, Bogor Agricultural University, Indonesia. * Department of Food Technology and Nutrition, Djuanda University, Bogor, Indonesia. corresponding author : kastana85@gmail.com</i>	INDONESIA	Review on Peptone Production from Fish Processing by-Product and Study of Its Economical Potency
PD-53	<b>Junidah Lamaming, Nurul Hasni Sharudin, Rokiah Hashim, Othman Sulaiman</b> <i>School of Industrial Technology, Universiti Sains Malaysia, 11800, Penang, Malaysia. corresponding author : junejunidah@gmail.com</i>	MALAYSIA	Characterization Of Cellulose Microfibers Isolated from Rubberwood ( <i>Hevea brasiliensis</i> )
PD-54	<b>Ismail Sulaiman, Murna Muzaifa, Dian Hasni and Julius Munandar</b> <i>Department of Agricultural Product Technology, Faculty of Agriculture, Syiah Kuala University, Darussalam, Banda Aceh 23111, Indonesia corresponding author : ismail.sulaiman@unsyiah.ac.id</i>	INDONESIA	Exploration of Pulp and Husk of Gayo Arabica Coffee as Raw Material of Pectin – SWOT, Risk and Chemical Component Analysis

#### [6] POLICY, MANAGEMENT AND MARKETING

PMM-01	<b>Norman G. De Jesus<sup>#</sup>, Arturo O. Manipon*, Dinah Marie C. Dayag<sup>1</sup>, Cesar F. Orpiada<sup>#</sup>, Emmanuel P. Pangilinan<sup>#</sup>, Rafael R. Rafael<sup>#</sup>, Janette B. Musni<sup>#</sup>, Rodel G. Maghirang<sup>2</sup>, Angelina C. De Jesus<sup>#</sup> and Honorio M. Soriano Jr<sup>#</sup></b> <i>#Pampanga State Agricultural University, Philippines, * Central Luzon State University, Philippines. <sup>1</sup> Bulacan Agriculture State College, Philippines <sup>2</sup>University of the Philippines Los Banos-IPB, Philippines corresponding author : normandejesus2005@yahoo.com.ph</i>	PHILIPPINES	Development of Selected Tropical Vegetable Varieties for Organic Vegetable Gardens in Central Luzon, Philippines
PMM-02	<b>Teguh Adiprasetyo, Sukisno, Nanik Setyowati, Sempurna Ginting, Merakati Handajaningsih</b> <i>Faculty of Agriculture, University of Bengkulu, Jl. WR. Supratman, Bengkulu, Indonesia. E-mail: teguhadi@yahoo.com; kisno_su@yahoo.com; nanik_srg@yahoo.com; purgint82@yahoo.com; merakati@gmail.com</i>	INDONESIA	The Prospect of Horticultural Organic Farming as Sustainable Agricultural Practice for Reducing Poverty: The Case in Bengkulu City, Indonesia
PMM-03	<b>Ujang Paman, Saipul Bahri, Asrol and Limetry Liana</b> <i>Department of Agribusiness Faculty of Agriculture Riau Islamic University. Pekanbaru, Riau, Indonesia. E-mail: u_paman@yahoo.com; saipulbahri.uir@gmail.com; asrolmkh67@yahoo.com; limetryliana@yahoo.co.id</i>	INDONESIA	Distribution and Use Patterns of Small-Scale Rice Mills in Kampar Regency, Riau Province, Indonesia
PMM-04	<b>Amelia Nicolas</b> <i>Central Bicol State University of Agriculture. Philippines. E-mail: ameliarnicolas@gmail.com</i>	PHILIPPINES	Indigenous Knowledge and Sustainable Pest Management in Rice Farming Communities of southeastern Luzon, Philippines



PMM-05	<b>Tram Vo Ngoc Quynh<sup>1</sup>; Phan Le Van<sup>1</sup>; Trai Nguyen Van<sup>1</sup>; Hong Nguyen Thi<sup>2</sup>; Truc Phan Thi Thanh<sup>1</sup>; Minh Duong Ngoc<sup>1</sup>; Dat Nguyen Le Tien<sup>1</sup>; Uyen Nguyen Do Ngoc<sup>1</sup>; Huyen Nguyen Thi<sup>1</sup>; Long Tran Duy<sup>1</sup>; Srinivasan R<sup>2</sup></b> <i><sup>1</sup>Nong Lam University Ho Chi Minh City-VIETNAM. <sup>2</sup>Texas A&amp;M University-USA</i> Corresponding author: E-mail: <i>nguyenkimloi@gmail.com</i>	VIETNAM	Development of an online supporting flood warning system for Vu Gia - Thu Bon watershed, Quang Nam province, Vietnam
PMM-06	<b>Tram Vo Ngoc Quynh<sup>1</sup>; Loi Nguyen Kim<sup>2</sup>; Liem Nguyen Duy<sup>4</sup></b> <i>Nong Lam University Ho Chi Minh City-VIETNAM. E-mail: vnquynhtram@gmail.com; nguyenkimloi@gmail.com; nguyenduy1133@gmail.com</i>	VIETNAM	Assessing Water Availability In Poko Catchment, Kontum Province Vietnam Using Gis And Swat
PMM-07	<b>Nguyen Ngoc Thuy<sup>a</sup>; , Olivier Ducourtieux<sup>b</sup>; , Marion Mounayar<sup>b</sup>; Steve Déryc<sup>c</sup></b> <i>a) Nong Lam University, KP6, Linh Trung Ward, Thủ Đức district, Hồ Chí Minh City, Vietnam. E-mail: nnthuy@hcmuaf.edu.vn. b) UFR Comparative Agriculture, UMR Prodig, AgroParisTech, 75231 Paris Cedex 05, France. E-mail: olivier.ducourtieux@agroparistech.fr, marion.mounayar@agroparistech.fr c) Department of Geography, Pavillon Abitibi-Price, 2405, rue de la Terrasse, Laval University, Québec, Canada. E-mail: Steve.Dery@ggr.ulaval.ca</i>	VIETNAM FRANCE	Cash Crop Boom in Đà Lạt (Việt Nam): a Miracle on Credit?
PMM-08	<b>Chinnavorn Chavasint*, Sermkiat Jomjanyong, Nobuataka Ito</b> <i>Faculty of Engineering, Chiang Mai University. Muang District, Chiang Mai, Thailand. E-mail : Chinnavorn@gmail.com</i>	THAILAND	Improving Performance in Northern Thailand Smart Farm
PMM-09	<b>Sugeng Raharto</b> <i>Faculty of Agriculture Jember University. Email: raharto@faperta.unej.ac.id</i>	INDONESIA	Unbalanced Food Security Regional And Household Level (A Case Study At The Fishery Regency)
PMM-10	<b>Ni Made Ayu Gemuh Rasa Astiti<sup>1</sup>, I Nyoman Suparta<sup>2</sup>, I Gusti Lanang Oka<sup>2</sup>, and I Made Antara<sup>3</sup></b> <i><sup>1</sup>Faculty of Agriculture, Warmadewa University. E-mail: ayugemuh@gmail.com <sup>2</sup>Faculty of Animal Husbandry, Udayana University; <sup>4</sup>Faculty of Agriculture, Udayana University</i>	INDONESIA	Marketing Systems Calf Cattle Bali
PMM-11	<b>Liliwarti, Zulfira Mirani, Satwarnirat</b> <i>Civil Engineering Department, State Polytechnic of Padang. E-mail: liliwarti@yahoo.co.id, rani_nawaf@gmail.com, satwarnirat_1966@yahoo.com</i>	INDONESIA	Liquefaction Mapping with Google Map(In Padang)
PMM-12	<b>Juliza Hidayati<sup>1</sup>, Sukardi<sup>2</sup>, Ani Suryani<sup>2</sup>, Anas Miftah Fauzi<sup>2</sup>, Sugiharto<sup>3</sup></b> <i><sup>1</sup> Faculty of Engineering, University of North Sumatera, Email: rivaifuliza@gmail.com; julizahidayati@yahoo.co.id. USU, Medan 20155. <sup>2</sup> Institut Pertanian Bogor. IPB Darmaga PO Box 220, Bogor 16002. <sup>3</sup>PT Pertamina, Jakarta 10110</i>	INDONESIA	Optimization of Palm Oil Plantation Revitalization in North Sumatera

PMM-13	<b>Basril Basyar</b> <i>Agricultural Sciences Department, Agricultural Development Concentration, Andalas University. Email: bbbasrilbasyar@gmail.com</i>	INDONESIA	Optimizing Extension In Agricultural Development In West Sumatra: Issues In Achieving Self-Sufficiency Helps Indonesian Beef
PMM-14	<b>Lourdes D. Sabile</b> <i>Planning and Research Development, The University of Manila. 546 M.V. delos Santos, St., Sampaloc, Manila, Philippines. Tel no. 735-50-98, 735-50-85, 735-52-56. Fax no. 735-50-89. E-mail: lourdes_sabile1246@yahoo.com</i>	PHILIPPINES	The Linkages Of The Lgus, School, And Family In Food Sustainability
PMM-15	<b>Muhamad Reza</b> <i>Agricultural Sciences Department, Agricultural Development Concentration, Andalas University. e-mail: rezamsi@yahoo.co.id</i>	INDONESIA	Agricultural Extension Services In The Achievements Of Endurance And Self-Reliance Food In Indonesia: Weakness And Workforce Improvement Extension Officer
PMM-16	<b>Febri Doni<sup>1*</sup>, Anizan Isahak<sup>2</sup>, CheRadziahCheMohd Zain<sup>1</sup>&amp; Wan Mohtar Wan Yusoff<sup>1</sup></b> <i><sup>1</sup>School of Biosciences and Biotechnology, Faculty of Science and Technology, Universiti Kebangsaan Malaysia. <sup>2</sup>School of Environmental and Natural Resources Sciences, Faculty of Science and Technology, Universiti Kebangsaan Malaysia *email: doni@siswa.ukm.edu.my</i>	MALAYSIA	System of Rice Intensification (SRI) in Malaysia: Status and Prospects
PMM-17	<b>Hariyati, Y.</b> <i>Department of Agribusiness, Agricultural Faculty, Jember University E-mail: yulihariyati@ymail.com</i>	INDONESIA	Profit Function And Relative Efficiency Of Cocoa Smallholder Farming In Jembrana District, Bali Provincy
PMM-18	<b>Sawarni Hasibuan, Euis Nina Saparina Yuliani</b> <i>Industrial Engineering Master Program, Mercu Buana University, Jakarta E-mail: sawarni02@yahoo.com</i>	INDONESIA	Development Strategy for Competitive and Sustainable Typical Local Snacks SMEs of Banten Province
PMM-19	<b>Vonny Indah Mutiara #, Arai Satoshi *</b> <i># The United Graduate School of Agricultural Science, Gifu University, 1-1 Yanagido, Gifu 501-1193, Japan. E-mail: mutiara_vonny@yahoo.comz * The United Graduate School of Agricultural Science, Gifu University, 1-1 Yanagido, Gifu 501-1193, Japan. E-mail: arai@gifu-u.ac.jp</i>	JAPAN	Organic Farming Towards Sustainable Agriculture (Lessons Learned From Organic Rice Farming In West Sumatra, Indonesia)
PMM-20	<b>My Hien Do</b> <i>Nagoya University-JAPAN. E-mail: myhien@mbr.nifty.com</i>	JAPAN	New Agricultural Cooperatives in Vietnam - A Case Study of Coffee Sector
PMM-21	<b>Estrella, Arthur B., Foronda, Vladimir R. and Lirag, Ma. Teresa B.</b> <i>Central Bicol State University of Agriculture (CBSUA), Philippines E-mail: materesa.lirag@cbsua.edu.ph</i>	PHILIPPINES	Socio-Ecological And Livelihood Assessment of Selected Coastal Areas In Sorsogon, Philippines
PMM-22	<b>Doc Lap Tran, Duyen Linh Nguyen, Anh Tuan Nguyen, Jean-Joseph Cadilhon, Isabelle Baltenweck</b> <i>Nong Lam University-Ho Chi Minh City, Vietnam. The International Livestock Research Institute, France. Corresponding author : tdlap@hcmuaf.edu.vn</i>	VIETNAM	Factors Affecting Governance Relationships Along Pig Value Chains In Thong Nhat District, Dong Nai Province, Vietnam

PMM-22	<b>Van Ngai Nguyen*, Doc Lap Tran*, Duc Huy Dang*, Nguyen Chi Hien*, Nguyen Phuong Thi <sup>1</sup></b> <i>#Faculty of Economics, Nong Lam University Ho Chi Minh City, Vietnam. E-mail: nvngai@hcmuaf.edu.vn; tdlap@hcmuaf.edu.vn; ddhuy@hcmuaf.edu.vn</i>	VIETNAM	Food safety: Market failures and government interventions in pork supply chain, Dong Nai province, Vietnam
PMM-23	<b>Phan Thi Mai Hoa</b> <i>Department of Environmental Sciences, Hanoi University of Mining and Geology. E-mail: phmaihoa@gmail.com</i>	VIETNAM	Community-based management (CBM) model in sustainable vegetable production: case study at Minh khai, Tu Liem Northern, Hanoi
PMM-24	<b>Lenny Widjyanthi</b> <i>Department of Agribusiness-Faculty of Agriculture. Jember University E-mail: lenny.faith@gmail.com</i>	INDONESIA	Building Communities Of Practice (Cop) Among Farmers On Rice Farming
PMM-25	<b>Irna Ekawati<sup>1)</sup>, Yafid Hafizh<sup>2)</sup>, Pharmayeni<sup>1)</sup></b> <i><sup>1)</sup>Department of Industrial Production System, Politenik ATI Padang, West Sumatera, Indonesia, 25171. Email: irna_e@yahoo.com.</i>	INDONESIA	Mapping Strategy On Cinnamon Bark Industry In West Sumatera Using Miltenburg Model
PMM-26	<b>Zayafika Mareta</b> <i>Graduate Program of Agribusiness Management, University of Gadjah Mada E-mail: zayafikamareta@gmail.com</i>	INDONESIA	Domination Level of Supply Chain for Sustainability Salak Pondoh Nglumut
PMM-27	<b>Melinda Noer</b> <i>Socio-economic Agriculture Department, Faculty of Agriculture, Andalas University, Padang, Indonesia. E-mail : melindanoer@yahoo.com</i>	INDONESIA	Bridging Food Security and Sustainable Agriculture Development through Regional Planning
PMM-28	<b>Dwi Yuzaria.</b> <i>Department Business Development, Faculty of Animal Science, Andalas University, West Sumatera, 25166, Indonesia. E-mail: dwiyuzaria@gmail.com</i>	INDONESIA	Analysis Market Structure of Input, Intermediate and Output for Sustainability Local Business Cattle in Payakumbuh West Sumatra
PMM-29	<b>Rahmi Hayati Putri<sup>1</sup>, Putri Dwi Cahyani<sup>2</sup></b> <i><sup>1</sup>Faculty of Agriculture, University of Muhammadiyah Purwokerto, Indonesia. Email: raiya_azzahra@yahoo.com. <sup>2</sup> Faculty of Economics, University of Muhammadiyah Purwokerto, Indonesia. Email: putri.dece@gmail.com</i>	INDONESIA	Price Volatility of Main Food Commodity in Banyumas Regency-Indonesia
PMM-30	<b>Rini Hakimi<sup>1</sup>, Daddy Budiman<sup>2</sup>, and Melinda Noer<sup>1</sup></b> <i><sup>1</sup>Faculty of Agriculture, University of Andalas, Padang, Indonesia. <sup>2</sup>Polytechnic State of Padang. Correspondent Email:daddy.budiman@gmail.com</i>	INDONESIA	Agroindustry Productivity Analysis Of Tofu Industries In Padang
PMM-31	<b>Fitriani</b> <i>Faculty of Animal Husbandry, Padang 25163 Indonesia. E-mail: fitrini.sp@gmail.com</i>	INDONESIA	Efficiency Of Egg Rendang Business In Payakumbuh
PMM-32	<b>Yulia Nurendah<sup>#</sup></b> <i><sup>#</sup> STIE Kesatuan Bogor, Jl Ranggagading 1 Bogor, 16123, Indonesia E-mail: lia_niceone@yahoo.com</i>	INDONESIA	Strategy to Improvement Sustainability of Distinctively Local Snacks Based on Evaluation and Profile Mapping of SMEs Distinctively Local Snacks

PMM-33	<b>Zulharbi<sup>1)</sup>, Firdaus<sup>1)</sup>, Yul Antonisfia<sup>1)</sup> Yustini<sup>1)</sup></b> <i>1)Polytechnic State of Padang. E-mail : szulharbi@yahoo.com</i>	INDONESIA	Implementation of Piezoelectric Sensors for Detecting Seismic Wave Using Moving Average Method (MAV) Filter and Ultrasonic Sensors on Tsunami Early Warning System
PMM-34	<b>Gunarif Taib#, Santosa#, Masrul Djalal#, Helmi*</b> <i># Faculty of Agricultural Technology, Andalas University, Padang,Indonesia . E-mail: gunariftaib@yahoo.com. *Faculty of Agriculture, Andalas University, Kampus Limau Manih,Padang, Indonesia</i>	INDONESIA	Characteristic of Small Scale Food Industry Cluster in West Sumatera
PMM-35	<b>Dr. I. B. Suryaningrat</b> <i>Agroindustrial System and Management Lab. Faculty of Agricultural Technology University of Jember. Jln. Kalimantan 37, Jember - Indonesia</i>	INDONESIA	Implementation of QFD in Food Supply Chain Management: A Case of Processed Cassava Product in Indonesia
PMM-36	<b>Tertia Delia Nova<sup>1</sup>, Masaji Watanabe<sup>2</sup> Fuad Madarisa<sup>1</sup>, Diski Bustami<sup>1</sup></b> <i><sup>1</sup>Faculty of Animal Husbandry, Andalas University, Padang. E-mail: tertiaunand@gmail.com; fmadarisa@yahoo.com; diskibtami@yahoo.com</i> <i><sup>2</sup> Graduate School Environmental and Life Science Okayama University. Okayama Japan. E-mail : watanabe@ems.okayama-u.ac.jp</i>	INDONESIA	The perception of Laying Chicken Farmers Toward Biosecurity Standards in Anticipating Avian Influenza in Padang, West Sumatera
PMM-37	<b>I Gusti Bagus Udayana</b> <i>The study Programof Agricultural Technology, Faculty of Agriculture, University of Warmadewa. Denpasar-Bali. Email: bgsudayana64@gmail.com</i>	INDONESIA	Industrial Cluster Development Model Of Coffee Arabica In The District Bangli Province Bali
PMM-38	<b>Ifmalinda</b> <i>Faculty of Agricultural Technology-Andalas University, Padang, Indonesia. E-mail: ifmalinda_1273@yahoo.com</i>	INDONESIA	Identification Of Coffee Consumption Based Of Fruit Of Age Luwak
PMM-39	<b>Mahdi, Rini Hakimi, and Rina Sari</b> <i>Faculty of Agriculture-Andalas University E-mail: rinihakimi@faperta.unand.ac.id</i>	INDONESIA	Changes In Rice Marketing in Liberalized Market Regime and National Food Security
PMM-40	<b>Huynh Tan Nguyen</b> <i>Faculty of Business Administration – Dong Nai University of TechnologyEmail: huynhtannguyenkt@gmail.com</i>	VIETNAM	Effectiveness Of Peanuts Production By Using Data Envelopment Analysis: A Case Study Of Huong Thuy Town, Thua Thien - Hue Province Of Vietnam
PMM-41	<b>Nurselvi, Atris Suryantohadi, M. Affan Fajar Falah</b> <i>Agroindustrial Technology,Universitas Gadjah Mada, Bulaksumur, Yogyakarta, Special Region of Yogyakarta, 55281, Indonesia . E-mail: nur_selvi27@yahoo.co.id; atris_shadi@yahoo.com.</i>	INDONESIA	Product Development of Instan Powder Complementary Feeding with Tempeh Flour Addition Using Value Engineering Method
PMM-42	<b>Weber, T., Baier, K., Willers, C.</b> <i>General Management/Sustainability Management, Cologne Business School, Hardefustr. 1, Cologne, 50677, Germany. E-mail: t.weber@cbs.de</i>	GERMANY	Sustainable (green) food and purchase intention – An analysis of influence factors
PMM-43	<b>Nasrul</b> <i>State Politechnic of Padang. E-mail:nasrul.harun1959@gmail.com</i>	INDONESIA	Harmonics Impact A Rising Due To Loading And Solutions Etap Using The Distribution Substation Transformer 160 Kva At Pt. Pln Udiklat Lubuk Alung

PMM-44	<b>Rahmat Hidayat</b> <i>Department of Information Technology, Polytechnic State of Padang, Indonesia. Corresponding author : rahmat@polinpdg.ac.id</i>	INDONESIA	An Interface for Customer Behaviour Analysis from Interaction Visitor Activities in E-Commerce Website For Traditional Food
PMM-45	<b>Erwadi Bakar, HA Mooduto</b> <i>Department of Information Technology, Polytechnic State of Padang, Indonesia. Corresponding author: erwadib@gmail.com</i>	INDONESIA	Tourism Publication based on Interactive Online Map Using Google Map and Flash Technology (Case Study: West Sumatra)
PMM-46	<b>Fahmi R. Kubra</b> <i>Food Security Agency, North Barito County, Indonesia corresponding author : fahmikubra@yahoo.com.sg</i>	INDONESIA	Boosting of Food Security and Self Sufficiency in North Barito County, Central Kalimantan, Indonesia
PMM-47	<b>Albar<sup>1</sup>, Rahmat Hidayat<sup>2</sup></b> <i><sup>1</sup> Department of Electrical Engineering, Polytechnics State of Padang, Indonesia <sup>2</sup> Department of Information Technology, Polytechnics State of Padang, Indonesia. Corresponding author : albar_bal@yahoo.com</i>	INDONESIA	The Success Factors of E-Commerce SMEs Website for Traditional Food in West Sumatera Province, Indonesia
PMM-48	<b>Zainal A Haris</b> <i>Faculty of Economics, University Putra Indonesia, YPTK Padang West Sumatra, Indonesia</i>	INDONESIA	Implementation Of Corporate Social Responsibility (Csr) Pt Semen Padang: Case Study In Batu Gadang, Lubuk Kilangan Padang
PMM-49	<b>Irwana Wahab</b> <i>Faculty of Public Health, University of North Sumatra, Medan, 20155, Indonesia. Corresponding author : defrimaulizar@yahoo.co.id</i>	INDONESIA	Communication Strategy In The Community To Hiv / Aids Prevention In District North Aceh
PMM-50	<b>Siti Zahara Nasution</b> <i>Faculty of Public Health, University of North Sumatra, Medan, 20155, Indonesia. Corresponding author : zahara_nasution@yahoo.co.id</i>	INDONESIA	Family Health Care Mandailing Community (Study of Pregnant and Postpartum Care)