

LIST OF ABSTRACTS FOR SCIENTIFIC POSTERS PRESENTATION
40h Annual Scientific Meeting; 11-12 July 2018
Science and Technology-Enhanced Transformation for Sustainability and Resiliency (2018-2030)
AGRICULTURAL SCIENCES

No.	AUTHOR/S	MAJOR AUTHOR	PRESENTING AUTHOR	AFFILIATION	TITLE OF PAPER	REMARKS
CROP MANAGEMENT AND PRODUCTION						
ASD - 01	Danny T. Macyon Jr., Margie S. Epie and Leoncia L. Tandang	Leoncia L. Tandang	Leoncia L. Tandang	1Department of Agronomy, College of Agriculture, Benguet State University, La Trinidad, Benguet 2601 2BSU-IPB Highland Crops Research Station, Benguet State University, La Trinidad, Benguet 2601	AS - 01 AGRO-MORPHOLOGICAL CHARACTERIZATION, EVALUATION AND CLUSTER ANALYSIS OF SOYBEAN (Glycine max (L.) Merrill) ACCESSIONS GROWN UNDER ORGANIC PRODUCTION SYSTEM IN LA TRINIDAD, BENGUET	
ASD - 02	Christopher dela Cruz, Conсорcia Reaño1*, Speedy Crisostomo2*	Christopher dela Cruz	Christopher dela Cruz	1Institute of Statistics, College of Arts and Sciences, University of the Philippines Los Baños, College, Laguna 4031 2Institute of Plant Breeding, UPLB, College, Laguna 4031	AS - 02 Analysis of the relationship of weather variables on the potential yield of Cocos nucifera L. in Zamboanga City	
ASD - 03	Jesse Descalsota, Primitivo Jose Santos1, Jonathan Descalsota, Carmelito Lapoot2, Fe Abragan, Ines Gonzales and Cynthia Kiswa	Jesse Descalsota	Jesse Descalsota	1IPB, CAFS, UPLB, 2NMACLRС and 3BSU	AS - 03 Comparative Yield Trial of Potato Planting Materials from Aeroponics and Conventional Potato Seed Production	
ASD - 04	Virgilio Julius P. Manzano Jr., Amor V. Ines*	Virgilio Julius P. Manzano Jr	Virgilio Julius P. Manzano Jr	Mariano Marcos State University, City of Batac, Ilocos Norte Tel #: (077) 792-3051 / 0977-855-5239, vhiyomanzano@yahoo.com.ph *Department of Biosystems and Agricultural Engineering, Michigan State University, East Lansing, MI, 48824, USA, inesamor@msu.edu	AS - 04 Downscaling Seasonal Climate Forecasts for Agricultural Risks Management in the Philippines	

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ASD - 05	Shierel F. Vallesteros ¹ , Benson S. Camat ² , Mary Jane A. Peralta ² , Loreto Max P. Lacaden ² , & Errol L. Eggoy ²	Shierel F. Vallesteros	Shierel F. Vallesteros	2 Graduate Student, College of Forestry, Nueva Vizcaya State University 1 Faculty member, College of Forestry, Nueva Vizcaya State University E-mail: sfvallesteros@gmail.com	AS - 05 EFFECTS OF DIFFERENT SOIL MEDIA ON THE ROOTING AND SURVIVAL OF ANONANG (<i>Cordia dichotoma</i> Forst) CUTTINGS	
ASD - 06	Araceli J. Badar and Menisa A. Antonio	Araceli J. Badar	Araceli J. Badar	Mariano Marcos State University, City of Batac, 2906 Ilocos Norte Tel. No.: 077 -670-1898; email: celybadar@yahoo.com	AS - 06 Evaluation of the Agronomic Performance of Traditional Upland Rice Varieties in Rainfed Lowland Areas of Batac, Ilocos Norte	
ASD - 07	Marissa I. Atis ¹ , Araceli J. Badar ¹ , Maura Luisa S. Gabriel ² , Resurreccion Bernadette C. Imbat ² and Lucricia Conchita G. Cocson ¹	Marissa I. Atis	Marissa I. Atis	1Research Directorate 21College of Agriculture, Food and Sustainable Development Mariano Marcos State University, City of Batac, 2906 Ilocos Norte marissa_atis@yahoo.com	AS - 07 Garlic Bulbils as Alternative Source of Clean Planting Material in Garlic Seed Production System	
ASD - 08	Richard G. Galinato and Raymund Julius G. Rosales ²	Richard G. Galinato	Richard G. Galinato	Agriculture Graduate ¹ and Instructor ² Mariano Marcos State University ¹ , 2 City of Batac, Ilocos Norte +639205262211 rj4official@yahoo.com	AS - 08 GIBBERELIC ACID APPLICATION TO INCREASE YIELD OF <i>Momordica charantia</i> Var. Bonito F1	
ASD - 09	Richard B. Yambagon, 1Rico A. Marin, 1Mellprie B. Marin* and 1Lowell G. Aribal*	Richard B. Yambagon	Rico A. Marin	1Central Mindanao University, Musuan, Bukidnon ricomarin@yahoo.com CP 09274750205	AS - 09 Growth Performance of <i>Litsea philippinensis</i> Merr. Seedlings as affected by two Organic Concoctions and Vermicast	

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ASD - 10	Constante B. Julian, Dionisio S. Bucac*, Nathaniel R. Alibuyog*, and Rodel T. Utrera*	Constante B. Julian	Constante B. Julian	Mariano Marcos State University, City of Batac 2906, Ilocos Norte Tel/Fax #: (077) 670-1898, consbjulian@gmail.com	AS - 10 Identification and Prioritization of Climate Resilient Agriculture Practices and Adaptive Capacity Indices of Local Government Units in Ilocos Sur, Philippines	
ASD - 11	Ryan John S. Ines, Nathaniel R. Alibuyog & Hazel James P. Agngarayngay	Ryan John S. Ines	Ryan John S. Ines	Mariano Marcos State University, City of Batac, Ilocos Norte Tel #: (077) 600-0717; inesryanjohn@gmail.com	AS - 11 Identifying Suitable Sites for Small Scale Irrigation Projects (SSIP) in Region I through GIS-Based Water Resources Assessment	
ASD - 12	Joemel G. Agreda1, Rodel T. Utrera1*, Nathaniel R. Alibuyog1*, Floramante C. Pastor1* and Rex Victor O. Cruz2*	Joemel G. Agreda	Rodel T. Utrera	1Mariano Marcos State University, City of Batac, Ilocos Norte Tel/Fax #: (077) 670-1898, rodel_utrera@yahoo.com 2University of the Philippines Los Baños, Laguna	AS - 12 Land Capability Assessment for Crop Production in the Quiaoit River Watershed	
ASD - 13	*Aleta E. Dumaoyal and Marissa I. Atis	Aleta E. Dumaoyal	Aleta E. Dumaoyal	Research Directorate Mariano Marcos State University, City of Batac, 2906 Ilocos Norte marissa_atis@yahoo.com	AS - 13 Performance of Podding Radish, Raphanus caudatus, in Different Planting Dates and Rates of Organic Fertilizer	
ASD - 14	Leah E. Endonela*1, Emmanuel Bonifacio S. Timog2, Oliver O. Silvestre and Renerio P. Gentallan, Jr.1,	Leah E. Endonela	Leah E. Endonela	1College of Agriculture and Food Science 2College of Forestry and Natural Resources, University of the Philippines Los Banos, College 4031 Laguna, Philippines leendonela@up.edu.ph ; rpgentallan@up.edu.ph	AS - 14 Pili (Canarium ovatum Engl.) Fruit Dispersal, Seed Germination and Seedling Establishment: Implications for Germplasm Conservation and Management	

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ASD - 15	Melody Bad-e1, Shierel F. Vallesteros2 Arvin P. Vallesteros2, Elmer T. Castaneto2, & Ramil S. Rodriguez2	Melody Bad-e	Shierel F. Vallesteros	1 DENR-CENRO-Dupax, Dupax del Sur, Nueva Vizcaya 2 Faculty member, College of Forestry, Nueva Vizcaya State University e-mail: sfvallesteros@gmail.com	AS - 15 PRE-GERMINATION TREATMENTS AND EARLY GROWTH OF ANONANG (Cordia dichotoma Forst) USING DIFFERENT SOIL ENHANCERS	
ASD - 16	Salvo Salvacion and Gina Pangga	Salvo Salvacion	Salvo Salvacion	1Graduate School, University of the Philippines Los Baños, College, Laguna 4031 Philippines 2Southern Luzon State University, Lucban, Quezon, sosalvacion@up.edu.ph 3Agricultural Systems Institute, College of Agriculture and Food Sciences, University of the Philippines Los Baños, College, Laguna, 4031, Philippines, gvpangga@up.edu.ph	AS - 16 Response of Corn to Biochar with Herbicide and Organic and Inorganic Fertilizers	
ASD - 17	Rex S. Langngag1 and Samuel R. Simon2*	Rex S. Langngag	Samuel R. Simon	1Instructor, Kalinga State University, Bulanao, Tabuk City, Kalinga 2 Professor V, Isabela State University, Cabagan, Isabela 2bongstream@yahoo.com	AS - 17 RESPONSE OF KALINGA'S HEIRLOOM RICE CULTIVARS TO DIFFERENT LEVELS OF ORGANIC FERTILIZER	
ASD - 18	Michael Jason L. Mozo1*, Gina Villegas- Pangga1, Jonathan E. Lacayanga2 and Walter G. Valdez2	Michael Jason L. Mozo	Michael Jason L. Mozo	1Agricultural Systems Institute, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna, 4031 Tel Nos: (049) 536 3229; Fax No: (049) 536 5282 *Email: mjledesmamozo@gmail.com 2 Bataan Peninsula State University, Abucay, Bataan	AS - 18 Soil Application of Biochar as a Resiliency Measure in Salt Water Intrusion Affected Agricultural Areas	

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ASD - 19	Dionisio S. Bucao, Rudel T. Utrera, Evangeline S. Galacgac, Nathaniel R. Alibuyog, and Franklin C. Sagsagat*	Dionisio S. Bucao	Dionisio S. Bucao	Mariano Marcos State University, City of Batac, Ilocos Norte Tel/Fax #: (077) 600 0459/792 3688, dsbuciao@yahoo.com	AS - 19 Suitability Assessment of Major Lowland Soils in Ilocos Region for Sustainable Garlic Production	
ASD - 20	Gina Villegas- Pangga1*, Michael Mozo1, Jonathan Lacayanga2 and Walter Valdez2	Gina Villegas-Pangga	Gina Villegas-Pangga	1Agricultural Systems Institute, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna, 4031 Tel Nos: (049) 536 3229; Fax No: (049) 536 5282 *Email: gvpangga@up.edu.ph; gpangga@yahoo.com 2 Bataan Peninsula State University, Abucay,	AS - 20 Utilization of Biochars from Biomass Wastes in Enhancing Soil Resiliency to the Changing Climate	
ASD - 21	Jean L. Valleser and Vences C. Valleser	Jean L. Valleser	Vences C. Valleser	1/Department of Horticulture and 2/Department of Agronomy and Plant Breeding, College of Agriculture, Central Mindanao University, Musuan, Bukidnon, Philippines, 8710 vcvalleser@gmail.com; 0936-500-6527	AS - 21 Utilization of Common Salt (NaCl) as Component of Fertilizer Program for BR 25 and UF 18 Cacao (Theobroma cacao L.) Clones	
ASD - 22	Joel Adorada*, Lorna Tepper, Michelle Javier, Melinda Mondoñedo, Glecya Bandojo, Monalisa Recuenco, Carlos Morales	Joel Adorada	Joel Adorada	Bureau of Plant Industry - Los Baños National Crop Research, Development and Production Support Center, (049) 536-0285, jladorada@yahoo.com	AS - 22 Assessment of the Garlic Production in Luzon, Philippines.	

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ASD - 23	Ma. Fatima Critica, Marilyn S. Combalicer, Lerma SJ. Mardia, and Amelita C. Luna	Ma. Fatima Critica	Marilyn S. Combalicer	1Department of Forest Biological Sciences, CFNR-UPLB, mscombalicer@up.edu.ph 2Office of the Coordinator for Research, Extension and Linkages (OCREL), CFNR-UPLB	AS - 23 Allelopathic Implications of Aqueous Extracts of Paper Mulberry (<i>Broussonetia papyrifera</i> (L.) Vent) to the Morphological and Physiological Growth of Supa (<i>Sindora supa</i> Merr.).	
ASD - 24	Alfredo Garrido, Jr. and Jersam Calago*	Alfredo Garrido, Jr	Alfredo Garrido, Jr	College of Agriculture and Forestry Misamis University, Ozamiz City	AS - 24 Establishment of Seed Production Areas in the Province of Lanao Del Norte	
ASD - 25	Regineth B. Butic, Rico A. Marin, 1George R. Puno* and 1Angela Grace Toledo –Bruno*	Regineth B. Butic	Rico A. Marin	1College of Forestry and Environmental Science, CMU, Musuan, Bukidnon ricomarin@yahoo.com CP 09274750205	AS - 25 Hydrological Assessment and Geomorphological Characterization of Sawaga Watershed in Bukidnon Province	

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ASD - 26	Carl Earvin Carada*, Jeannette Avellano, Ma. Ericha Montecillo, Cristino Tiburan Jr. and Nathaniel Bantayan	Carl Earvin Carada	Carl Earvin Carada	Institute of Renewable Natural Resources, College of Forestry and Natural Resources, University of the Philippines Los Baños, Los Baños, Laguna Email: carl.carada@gmail.com	AS - 26 Land Use/Land Cover Change Analysis of Selected Watersheds of Mount Makiling Forest Reserve Using Landsat Images	
ASD - 27	Roberto G. Campos Jr, *Jennifer J. Sinculan, *Julie Rose D. Apdohan	Jennifer J. Sinculan	Roberto G. Campos Jr	College of Agricultural Sciences and Natural Resources, Department of Natural Resources, Environmental Science Division, Caraga State University- Main Campus, Ampayon, Butuan City E-mail: robertojr.campos24@gmail.com	AS - 27 Management Effectiveness of Mt. Magdiwata Watershed Forest Reserve, San Francisco, Agusan del Sur	
ASD - 28	Rico A. Marin1 and Jupiter V. Casas1	Rico A. Marin	Rico A. Marin	1College of Forestry and Environmental Science, CMU, Musuan, Bukidnon ricomarin@yahoo.com CP 09274750205	AS - 28 Soil Erosion of an Ecotourism Site in Bukidnon	

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ASD - 29	Iris R. Pescadero and Nelda R. Gonzaga	Iris R. Pescadero	Iris R. Pescadero	1Center of Excellence in Biodiversity, Research and Extension in Mindanao, Central Mindanao University and 2University of Science and Technology of the Philippines Claveria Campus 0936-324-1419; pescaderoiris@gmail.com	AS - 29 Performance of Tomato (<i>Lycopersicon esculentum</i>) in Response to Vermi Leachate Application at Varying Fermentation	
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ASD - 30	Trinidad Fernando, Ronel Aguilar, Ma. Johna Duque, Jayvee Cruz, Reynante Ordonio, Belen Tabudlong and Arlen Dela Cruz	Trinidad Fernando	Trinidad Fernando	Philippine Rice Research Institute, Science City of Muñoz, Nueva Ecija *trinaysabelle@yahoo.com, Fax no.: 044- 456-0277	AS - 30 DNA fingerprinting of beneficial organisms for the rice environment	
ASD - 31	Ace Kevin S. Amarga and Roman N. Fornesa ²	Ace Kevin S. Amarga	Ace Kevin S. Amarga	¹ Environmental Forestry Programme, College of Forestry and Natural resources, University of the Philippines Los Baños ² Animal Biology Division, Institute of Biological Sciences, College of Arts and Sciences, University of the Philippines Los Baños	AS-31 First record of the genus Leptocyclopodia in the Romblon Island Group and new host record of Cyclopodia horsefieldi de Meijere from Negros Island (Diptera: Nycteribiidae: Cyclopodiinae)	
ASD - 32	Ace Kevin S. Amarga, Roman N. Fornesa	Ace Kevin S. Amarga	Roman N. Fornesa	¹ Environmental Forestry Programme, College of Forestry and Natural resources, University of the Philippines Los Baños ² Animal Biology Division, Institute of Biological Sciences, College of Arts and Sciences, University of the Philippines Los	AS - 32 New host and distribution record of Amblyomma helvolum Koch 1844 from Bicol Peninsula, with checklist of Amblyomma (Ixodida: Ixodidae: Amblyomminae) in the Philippines	
ASD - 33	Maryliss A. Nalundasan and Noralyn B. Legaspi ¹	Maryliss A. Nalundasan	Maryliss A. Nalundasan	¹ Research Directorate Mariano Marcos State University, City of Batac, 2906 Ilocos Norte ma-_nalundasan@yahoo.com.ph	AS - 33 Effect of Mulching Materials in the Control of Major Pests and Yield of Solanaceous Vegetables During the Wet Season	
ASD - 34	Jasper A. Sarmiento, Eric Jhon D. Cruz, and Cristina M. Bajet	Jasper A. Sarmiento	Jasper A. Sarmiento	National Crop Protection Center, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna Philippines (+63-49) 536- 0959, FAX (+63-49) 536-2409, email: jasarmiento2@up.edu.ph	AS - 34 Pesticide Residue Monitoring of Organic and Conventional Vegetables using the Rapid Test Kit (RTK)	

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ASD - 35	Aira F. Waje , Fe M. Dela Cueva , Pablito M. Magdalita , and Valeriana P. Justo ,	Aira F. Waje	Aira F. Waje	1 Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031 2 Institute of Crop Science, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031 3 National Crop Protection Center, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031 Contact details: (049) 576-8443 aira.waje@gmail.com	AS - 35 Phytoplasma and phytoplasma disease of papaya in the Philippines: a review	
ASD - 36	Victor B. Amoroso ^{1,2*} , Florfe M. Acma ^{1,2} , Cecilia V. Bautista ^{1,3} , Chris Rey M. Lituañas ^{1,2} , Rainear A. Mendez ¹ , Iris R. Pescadero ¹ and Annabelle P. Villalobos ⁴	Victor B. Amoroso	Victor B. Amoroso	1Center for Biodiversity Research and Extension in Mindanao, Central Mindanao University, 2Department of Biology, College of Arts and Sciences, 3Department of Plant Pathology, College of Agriculture, Central Mindanao University, Musuan, Bukidnon , 4DOST – Balik Scientist victorbamoroso@gmail.com	AS - 36 Bioefficacy of Tasmannia piperita (Hook.f.) Miers Leaf Extracts Against Late blight (Phytophthora infestans) (Mont) de Bary of Tomato	
ASD - 37	Prince Kevin P. Adina , Ma.Tereza A. Blanco * and Dionisio S. Bucao	Prince Kevin P. Adina	Ma.Tereza A. Blanco	Mariano Marcos State University City of Batac, Ilocos Norte email add:matetblanco@yahoo.com,cp#09989836477	AS - 37 Characterization and Evaluation of Phosphate Solubilizing Bacteria from Corn (Zea mays L.) and Sugod-Sugod (Momordica cochinchinensis Spreng.) Rhizospheres	

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ASD - 38	Melissa Montecalvo, Teresita Dalisay and Mary Joy Mendoza	Melissa Montecalvo	Melissa Montecalvo	1National Crop Protection Center and 2Institute of Weed Science, Entomology and Plant Pathology, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031, Philippines +63 49 536 0959/2409, melissabpalacio@gmail.com	AS - 38 DETECTION OF THE ENDOPHYTIC COLONIZATION OF Lasiodiplodia theobromae (PAT.) GRIFF. AND MAUBL., CAUSAL ORGANISM OF STEM END ROT, IN 'CARABAO' MANGO	
ASD - 39	Leny Galvez Cris Francis Barbosa, Rhosener Bhea Koh, Vermando Aquino	Leny Galvez	Cris Francis Barbosa	1 Philippine Fiber Industry Development Authority (PhilFIDA), PCAF Bldg, DA Cmpd, Diliman, Quezon City 2 National Institute of Molecular Biology and Biotechnology, University of the Philippines Diliman, Quezon City, 1101 research.cfb@gmail.com 09164279867	AS - 39 Development of Multiplex Polymerase Chain Reaction Method for Simultaneous Detection of Abaca Bunchy Top Virus (ABTV) and Banana Bunchy top Virus (BBTV) Genome Fragments	
ASD - 40	Lei-yonnah S. Pableo and Mellprie B. Marin*	Lei-yonnah S. Pableo	Mellprie B. Marin	College of Agriculture, CMU, Musuan, Bukidnon mellpriemarin1@gmail.com, 09265942777	AS - 40 Effects of Plant Extracts on the Severity of Major Foliar Diseases on Hybrid Corn	
ASD - 41	Jerick Viz, Jobrielle Baluyot, Princess Ashley Tomas, Roland Hipol	Jerick Viz	Jerick Viz	University of The Philippines Baguio, Baguio City Philippines 2600 (063) 44 4560 258; 285 local 284: jviz@up.edu.ph	AS - 41 Foliar Endophytic Fungi from Diket Red Rice show Biocontrol Activity against Bacterial Leaf Blight (BLB) and have Polyketide Synthase (PKS) Genes	
ASD - 42	Alyssa de Castro, Mark Angelo Balendres*, Rizalina Tiongco* and Fe Dela Cueva*	Alyssa de Castro	Mark Angelo Balendres	Plant Pathology Laboratory, Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, Laguna, Philippines 4031 alyssamdecastro@gmail.com	AS - 42 Growth and Sporulation of three Colletotrichum species as influenced by organic chemicals	

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ASD - 43	Cecilia V. Bautista and Mellprie B. Marin*	Cecilia V. Bautista	Mellprie B. Marin	College of Agriculture, CMU, Musuan, Bukidnon ceciliabautista_doi@yahoo.com.ph, 09068814042 mellpriemarin1@gmail.com, 09265942777	AS - 43 Solanum biflorum and Lantana camara as Potential Biopesticides against Cabbage Black Rot (Xanthomonas campestris pv. campestris)	
ASD - 44	Maristil I. Pinote, Jaira T. Lorenzo, Nova Cyrell S. Corbita, Jedeliza B. Ferrater, Cherry R. Belagantol	Maristil I. Pinote	Maristil I. Pinote	1East West Seed Company, Inc., Buena Vista Farm, New Sankanán, Manolo Fortich, 8703 Bukidnon, Philippines 2East West Seed Company, Inc., Hortanova Research Center, Lipa City, 4217 Batangas, Philippines Email: maristil.igot@eastwestseed.com	AS - 44 Species Identification of Xanthomonas Causing Bacterial Spot Disease in Pepper and Tomato Using Biolog Gen III Microplate and PCR	
ASD - 45	Guia G. Saldares	Guia G. Saldares	Guia G. Saldares	College of Agriculture, CMU, Musuan, Bukidnon ggsaldares@yahoo.com; 09177193908	AS - 45 THE EFFECTS OF ORGANIC AMENDMENTS ON THE INCIDENCE OF MAJOR DISEASES AND YIELD OF THREE PEANUT GENOTYPES	
ASD - 46	Pablito M. Magdalita*, Mark Paul S. Rivarez2, Fe M. Dela Cueva1 and Valeriana P. Justo3	Pablito M. Magdalita	Pablito M. Magdalita	1Institute of Crop Science and Institute of Plant Breeding, Email: pabsmagdalita@gmail.com	AS - 46 Ultrastructural characterization, bacterial endophytes and effect of latex in bacterial growth in vitro of Erwinia mallotivora Goto in papaya (Carica papaya L.) exhibiting regrowth from crown rot disease	
ASD - 47	Jamie Ann B. Tumolva, and Cecilia B. Pascual*	Jamie Ann B. Tumolva	Jamie Ann B. Tumolva	Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna, Philippines Tel. No. (049) 576-8443; E-mail: jbtumolva@up.edu.ph	AS - 47 Unveiling the Identity of the Emerging Destructive Stem Canker of Dragon Fruit in the Philippines	
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ASD - 48	Kathlene Cleah Benitez, Karl Bryan Perelonia, Camille Abendanio, Flordeliza Cambia and Ulysses Montojo	Kathlene Cleah Benitez	Kathlene Cleah Benitez	National Fisheries Research and Development Institute Quezon City, Philippines Email: nfrdi.integratedlab@gmail.com Telephone No. : (02) 352 3596	AS - 48 "Levels of Heavy Metals in Six Aquaculture Commodities Collected from Various Landing Sites of Manila Bay: Relationships with Size and Seasonal Variation"	
ASD - 49	Karl Bryan S. Perelonia, Flordeliza D. Cambia and Ulysses M. Montojo	Karl Bryan S. Perelonia	Karl Bryan S. Perelonia	National Fisheries Research and Development Institute Quezon City, Philippines Email: nfrdi.integratedlab@gmail.com Telephone No. : (02) 352 3596	AS - 49 "Optimization and Validation of Analytical Method for Sensitive Analysis of Histamine in Fish using Ultra High Pressure Liquid Chromatography (UHPLC) with Pre-column Derivatization"	
ASD - 50	Geralyn D. Dela Peña, Proserpina Gomez-Roxas, Rodrigo E. Acuña and Renoir A. Abrea	Geralyn D. Dela Peña	Geralyn D. Dela Peña	1College of Science and Environment, Mindanao State University at Naawan, Naawan, Misamis Oriental 2Institute of Fisheries Research and Development, Mindanao State University at Naawan, Naawan, Misamis Oriental geralyndd@gmail.com/0916-940-4844	AS - 50 Agusan Marsh Finfish: Current trend, threats and sustainable Management	
ASD - 51	Gil J. Lumasag, Asuncion B. de Guzman, Mariefe B. Quiñones, Emilie G. Tubio, Jocelyn N. Gorospe, Miahnie P. Joy Guisando, Geralyn D. dela Peña, Jusua D. dela Peña, Dionel L. Molina, Victor R. Navarro and Lyndon L. Roa	Gil J. Lumasag	Geralyn D. Dela Peña	Institute of Fisheries Research and Development, Mindanao State University at Naawan, Naawan, Misamis Oriental emilie_egt@yahoo.co.uk	AS - 51 Aspects on ecology and biology for the development of captive breeding of the white teatfish, <i>Holothuria fuscogilva</i> (Cherbonnier 1960) in Lopez Jaena, Misamis Occidental	

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ASD - 52	Adoracion Obinque, Virginia delos Santos*, Lea Mae Dela Cruz*, Marizka Juliano*, Deserie Peralta*, Camille Narida*, Ulysses Montejo	Adoracion Obinque	Ulysses Montejo	National Fisheries Research and Development Institute, Corporate 101 Bldg., Mother Ignacia Ave., South Triangle, Quezon City Tel. (02) 352-3596; ulyssesmontejo@gmail.com	AS - 52 Assessment of Post-Harvest Losses of Sardines in Dipolog City, Zamboanga del Norte	
ASD - 53	*Roxas, Proserpina G., Elgin M. Arriego, Lee-Marc Alia, Floremie Bagayna, Daniel M. Gonzales, Mark Anthony J. Navarro, Victor M. Navarro, Eugene P. Moleño, Aida D. Perpetua, Roseller G. Sabilla	Roxas, Proserpina G.	Roseller G. Sabilla	Mindanao State University at Naawan, 9023 Naawan, Misamis Oriental *proseroxas@yahoo.com, 09209171595	AS - 53 BUILDING RESILIENCE AND POVERTY ALLEVIATION THROUGH TILAPIA-BASED SKILLS AND LIVELIHOOD DEVELOPMENT IN NORTHERN MINDANAO	
ASD - 54	Gilda Joannah Calderon, Sherwin Santos, Mudjekeewis Santos	Gilda Joannah Calderon	Gilda Joannah Calderon	National Fisheries Research and Development Institute Mother Ignacia Avenue, Quezon City, Philippines, (02) 376-1178, gjacalderon@gmail.com	AS - 54 Climate Change in the Philippines: Vulnerability Assessment of capture fisheries and aquaculture sectors	
ASD - 55	Frederick B. Muyot*, Paul John Caunan and Maria Theresa M. Mutia	Frederick B. Muyot	Frederick B. Muyot	National Fisheries Research and Development Institute-National Freshwater Fisheries Research and Development Center, Butong, Taal Batangas, Telefax: (043)421-1465, nfrdinfbc@gmail.com	AS - 55 Comparative Advantage of Using Extruded Floating Feeds for Tilapia (<i>Oreochromis niloticus</i>) and Milkfish (<i>Chanos chanos</i>) Cage Culture in Taal Lake	

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ASD - 59	Michael Van P. Panerio, Jessie G. Gorospe, Emilie G. Tubio, and Ruby C. Gonzales	Michael Van P. Panerio,	Michael Van P. Panerio,	1 College of Science and Environment, MSU Naawan, Naawan, Misamis Oriental 2Institute of Fisheries Research and Development, MSU Naawan, Naawan, Misamis Oriental Email: Vhanmichael@gmai.com CP No.: 09354426976	AS - 59 Fluctuating Asymmetry in the Scars and Shell Outline of the Mud Clam, <i>Geloina erosa</i> (Solander, 1876) in Selected Mangrove Areas of Panguil Bay and Iligan Bay, Philippines	
ASD - 60	Emmanuel T. Rivera, Alyssa A. Barrameda and Grace V. Lopez	Emmanuel T. Rivera	Emmanuel T. Rivera	National Fisheries Research and Development Corporate 101, Mother Ignacia St, Diliman, Quezon City (02)376-1178 emmanueltrivera@gmail.com	AS - 60 Food and Feeding Habit of <i>Sarotherodon melanotheron</i> (Black-chin Tilapia) in Selected Areas in Manila Bay	

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ASD - 63	Gil J. Lumasag, Asuncion B. de Guzman, Mariefe B. Quiñones, Emilie G. Tubio, Jocelyn N. Gorospe, Miahnie P. Joy Guisando, Geralyn D. dela Peña*, Jusua D. dela Peña, Dionel L. Molina, Victor R. Navarro and Lyndon L. Roa	Asuncion B. de Guzman	Emilie G. Tubio	Institute of Fisheries Research and Development, Mindanao State University at Naawan, Naawan, Misamis Oriental geralyndd@gmail.com	AS - 63 Hatchery production and juvenile restocking of the white teatfish sea cucumber, Holothuria fuscogilva (Cherbonnier 1960)	
ASD - 64	Marvin L. Tobias, Ellaine C. Jose, Rizza Mae T. Bugtong. Jezzalyn Gloria R. Barral, Valeriano M. Borja, Norvida C. Gatdula, and Elsa F. Furio	Marvin L. Tobias,	Marvin L. Tobias,	National Fisheries Research and Development Institute Corporate 101 Building, Mother Ignacia St., Barangay South Triangle, Quezon City; tobeydgreat@gmail.com ; 09176305308	AS - 64 Ichthyoplankton Assemblages in Manila Bay	

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ASD - 66	Sonnie A. Vedra, Elnor C. Roa, Marissa Y Salarda, Ruth D. Gaid, Rey L. Roa, Jeantte J. Samson, Rustan C. Eballe, GERALYN D. Dela Peña, Michael James O. Baclayon, and Melchor R. Rigor	Sonnie A. Vedra	Sonnie A. Vedra	Institute of Fisheries Research and Development Mindanao State University at Naawan, Naawan, Misamis Oriental vedrasonnie@gmail.com	AS - 66 On conserving endemic fish: A case on the morphology of <i>Glossogobius giuris</i> (Hamilton 1882) in Lake Mainit, Northeastern Mindanao	
ASD - 67	Bernadeth Grace S. Pananganan, Ruby C. Gonzales, Venus E. Leopardas, and Marie B. Quiñones	Bernadeth Grace S. Pananganan	Bernadeth Grace S. Pananganan	1 College of Science and Environment, MSU Naawan, Naawan, Misamis Oriental 2Institute of Fisheries Research and Development, MSU Naawan, Naawan, Misamis Oriental email: badeth1884@gmail.com cp #: 09103820506	AS - 67 Population Parameters and Fishery of Sea Urchins Inside and Outside the Marine Protected Area in Brgy. Bagumbayan, Kauswagan, Lanao del Norte	
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ASD - 71	Elnor C. Roa, Grace I. Prado, Maria A. D. Quiáo, Geralyn D. Dela Peña, and Jocelyn N. Gorospe	Elnor C. Roa	Elnor C. Roa	Institute of Fisheries Research and Development	AS - 71 Seasonal variation of water quality of the selected mariculture parks in Northern Mindanao, Philippines	
ASD - 72	Ronelle C. Chato- Salvador	Ronelle C. Chato- Salvador	Ronelle C. Chato- Salvador	Fisheries Department, College of Agriculture, Fisheries and Natural Resources University of Eastern Philippines, Catarman, Northern Samar	AS - 72 Secretions from protoplasts of farmed carrageenophytes: potential sources of carrageenans?	
ASD - 73	Ellaine C. Jose, *Elsa F. Furio, *Valeriano M. Borja, *Norvida C. Gatdula, *Marvin M. Tobias, *Jezzalyn Gloria R. Barral, *Rizza Mae T. Bugtong	Cristina Amor M. Rosales	Cristina Amor M. Rosales	National Fisheries Research and Development Institute Corporate 101 Building, Mother Ignacia St., Barangay South Triangle, Quezon City; ellainecjose@outlook.com; 09175235102	AS - 73 Spatio-Temporal Variability of Zooplankton in Manila Bay in 2017	

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ASD - 77	Elnor C. Roa, Ruth D. Gaid, Rey L. Roa, Rustan C. Eballe, Geralyn D. Dela Peña, Sonnie A. Vedra, Marissa Y Salarda, Jeantte J. Samson, Michael James O. Baclayon, and Melchor R. Rigor	Ruth D. Gaid	Elnor C. Roa	Mindanao State University at Naawan, Naawan, Misamis Oriental	AS - 77 The Lake Mainit through time: The vertical water quality profile of Lake Mainit during the Northeast Monsoon	

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ASD - 79	Rene Geraldo Guerrero Ledesma	Rene Geraldo Guerrero Ledesma	Rene Geraldo Guerrero Ledesma	National Fisheries Research and Development Institute 101 Mother Ignacia Street Barangay South Triangle Quezon City, Philippines telefax: (632) 376 5133 e-mail address: amsedelleledesma.rgl@gmail.com	AS - 79 EFFECTIVENESS OF PREDATOR CONTROL SET-UP FOR AQUATIC PEST CONTROL IN ORGANIC AND CONVENTIONAL EARTHEN PONDS FOR EXTENSIVE CULTURE OF Penaeus monodon (Fabricius, 1798)	
ASD - 80	Lalaine Abanilla*, Marineth Jillah Bay, Danica Marie Mercado* and Jessa Miranda*	Marineth Jillah Bay	Danica Marie Mercado	Civil / Sanitary Engineering Department, College of Engineering, Architecture & Fine Arts - Batangas State University Pablo Borbon Main II, Alangilan, BatangasCity dmbmercado123@gmail.com, 0948-854-1196	AS - 80 Suitability of Water from Calumpang River for Aquaponic System	

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ASD - 82	Mark Philip B. Castillo, Micheal R. Umagat, Jonathan M. Niones, and Jerwin R. Undan ¹	Mark Philip B. Castillo	Mark Philip B. Castillo	¹ Molecular Biology and Biotechnology laboratory, College of Arts and Sciences, ² Electron Microscopy laboaratory, Tuklas Lunas center, Central Luzon State University, Science city of Munoz, ³ Genetic Resource Division, Philippine Rice Research Institute, Maligaya, Science city of Munoz, Email: elcastillo1224@gmail.com	AS - 82 ELEMENTAL ANALYSIS OF PHILIPPINE TRADITIONAL RICE VARIETIES (TRV'S) AND SOME ELITE LINES USING SCANNING ELECTRON MICROSCOPE WITH ENERGY DESPERSIVE X-RAY SPECTROSCOPY	
ASD - 83	Abegail Pascua*, Roel Suralta, Imeldalyn Pacada	Abegail Pascua	Leoncia L. Tandang	Philippine Rice Research Institute Central Experiment Station Maligaya Science City of Muñoz, 3119, Nueva Ecija, Philippines ag.pascua@philrice.gov.ph	AS - 83 Genotypic variation of VarMix root system under soil moisture fluctuation	
ASD - 84	Ana Mikaela B. Maravilla, Michelle Lyka S. Valle,* Primitivo Jose A. Santos* and Evelyn F. Delfin	Araceli J. Badar	Araceli J. Badar	Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, Los Baños, Laguna 4031 Tel. No. (049) 576-6947; e-mail: abmaravilla@up.edu.ph	AS - 84 Greenhouse Evaluation of High-Yielding Sugarcane Varieties for Drought Tolerance	
ASD - 85	John Paolo Nunez, Jesse Descalsota, Jonathan Descalsota and Tonette Laude	John Paolo Nunez	John Paolo Nunez	IPB, CAFS, UPLB	AS - 85 Inbred Maize Plant Response to Simulated Drought Pot Experiment	

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ASD - 88	Mercury Joy T. Boquila and Helen LV. Ebuña	Mercury Joy T. Boquila	Helen LV. Ebuña	Department of Agronomy and Plant Breeding, College of Agriculture Central Mindanao University, Musuan, 8710 Bukidnon Email Address: hclavebuna@cmu.edu.ph	AS - 88 Morpho-Physiological Characterization and Protein Analysis of Mungbean Genotypes Screened for Waterlogging Tolerance	
ASD - 89	Speedy D. Crisostomo, Reina Esther S. Caro1, Don Emanuel M. Cardona, Anand Noel C. Manohar, Raquel D. Velasco1, Alma O. Canama, Susan M. Rivera, Ramon L. Rivera2 and Consorcia E. Reaño	Speedy D. Crisostomo	Speedy D. Crisostomo	1Institute of Plant Breeding, College of Agriculture and Food Science, University of the Philippines Los Baños, College, Laguna 4031 2Philippine Coconut Authority – Zamboanga Research Center, San Ramon, Zamboanga City 7000 3Institute of Statistics, College of Arts and Sciences, University of the Philippines Los Baños, College, Laguna 4031 *Presenting Author: speedycrisostomo@gmail.com	AS - 89 Quantitative Fruit Characterization of the Coconut (<i>Cocos nucifera</i> L.) CATD x (LAGT x WAT AN17) Mapping Population	
ASD - 90	Nora M. Ata and Joy M. Jamago	Nora M. Ata	Joy M. Jamago	Department of Agronomy and Plant Breeding, College of Agriculture, Central Mindanao University, University Town, Musuan, 8710 Bukidnon jjamago@cmu.edu.ph; 0917-703-9824	AS - 90 Resilience of <i>Senna tora</i> (L.) Roxb. in Drought and Waterlogged Conditions at Vegetative Stage	

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ASD - 92	Teodora E. Mananghaya, Jennifer M. Manangkil, Resean R. Lapuz, Sofronio P. Kalaw, Cynthia C. Divina, Roel R. Suralta and Jonathan M. Niones1	Teodora E. Mananghaya	Teodora E. Mananghaya	1Philippine Rice Research Institute (PhilRice) Maligaya, Science City of Munoz, 3119 Nueva Ecija Tel/Fax: 044 456 0394 loc. 290, 291 2Central Luzon State University (CLSU), Maharlika Highway, Science City of Muñoz, 3119 Nueva Ecija Telephone number: (044) 456 0107 Email: te.mananghaya@philrice.gov.ph, theodymananghaya@gmail.com	AS - 92 Stress Physiology of PSB Rc68 and NSIC Rc222 under Progressive Drought Condition	
ASD - 93	Frances Charlyn G. Batara, *Geovannie Stanley S. Malab, *Epifania O. Agustin, *Raymund Julius G. Rosales and *Menisa A. Antonio	Frances Charlyn G. Batara	Frances Charlyn G. Batara	Mariano Marcos State University, City of Batac 2906 Ilocos Norte Tel.no.: 677-2994 e-mail: francesbatara@yahoo.com	AS - 93 Survey and Characterization of Landraces of Winged Bean (<i>Psophocarpus tetragonolobus</i> L.) in Ilocos Norte	
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ASD - 97	Peter James C. Icalia, Don Carlo R. Batara, Mae Ann R. Batuyong, and Christian Jeremy Q. Santiago	Peter James C. Icalia	Don Carlo R. Batara	Mariano Marcos State University; City of Batac, 2906 Ilocos Norte Tel/Fax +639778855523; don_laze@yahoo.com	GENETIC IMPROVEMENT OF BOVINE POPULATIONS IN ILOCOS NORTE THROUGH PHENOTYPES, MOLECULAR MARKERS AND GENE DYNAMICS ANALYSIS	
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ASD - 99	Imeldalyn G. Pacada, Ma. Theresa F. Celestino and Arlen A. dela Cruz	Imeldalyn G. Pacada	Ma. Theresa F. Celestino	Philippine Rice Research Institute, Central Experiment Station (PhilRice-CES), Maligaya, Science City of Munoz, Nueva Ecija, Philippines 09236558022; theresa_celestino@yahoo.com	AS - 99 Genetic variation of selected Philippine rice varieties for VarMix Technology	
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ASD - 102	Mariluz SP. Dionglay, Rowena E. Ramos, Rebecca B. Lapuz, Grace Rowena B. Bisana	Mariluz SP. Dionglay	Mariluz SP. Dionglay	Department of Science and Technology-FPRDI, Forestry Campus, College Laguna Philippines; mariluz_dionglay@yahoo.com	AS - 102 Phytochemical and Antimicrobial Properties of Some Philippine Bamboo Species	
ASD - 103	Eureka Teresa M. Ocampo, Ma. Alma Sanchez, Villamor Ladia, Jefferson Pari, Tonette Laude, Maria Cristina C. Heredia, Artemio Salazar	Eureka Teresa M. Ocampo	Eureka Teresa M. Ocampo	1Institute of Crop Science and 2Institute of Plant Breeding, College of Agriculture and Food Sciences, University of the Philippines Los Baños, College, Laguna; (+63) 9157947220 emocampo1@up.edu.ph	AS - 103 Breeding Strategy for Genetic Improvement of Philippine Native Corn Populations for Waterlogging Tolerance	
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ASD - 105	Maria Luisa D. Guevarra, Jennelyn C. Bengoa and Maria Luz J. Sison	Maria Luisa D. Guevarra	Maria Luisa D. Guevarra	Institute of Plant Breeding, College of Agriculture and Food Science, UP Los Baños email: mdguevarra@up.edu.ph; tel # (049)576-0089	AS - 105 Variability in Fruit Characters of Guava (<i>Psidium guajava</i> Linn) Accessions from Luzon, Philippines.	

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ASD - 107	Leonilo V. Gramaje ^{*1} , Joanne D. Caguiat ¹ , Reneth A. Millas ¹ , and Jake E. Carampatana ¹	Leonilo V. Gramaje	Leonilo V. Gramaje	Plant Breeding and Biotechnology Division, Philippine Rice Research Institute, Maligaya Science City of Munoz Nueva, Ecija lv.gramaje@philrice.gov.ph,	AS - 107 Heterosis and Combining Ability: Desirable Traits in Hybrid Rice Breeding	
ASD - 108	Rowena E. Ramos, Antonio C. Laurena, Francisco B. Elegado, Maria Teresa M. Perez and Noel G. Sabino ⁵	Rowena E. Ramos	Rowena E. Ramos	1*Department of Science and Technology-FPRDI, Forestry Campus, College Laguna Philippines; rrwengramos@gmail.com 2Institute of Plant Breeding, Crop Science Cluster College of Agriculture and Food Science, UPLB College Laguna Philippines 3National Institute of Molecular Biology and Biotechnology, UPLB College Laguna Philippines 4National Institute of Molecular Biology and Biotechnology, UPLB College Laguna Philippines 5Institute of Biological Sciences, College of Arts and Science, UPLB College Laguna Philippines	AS - 108 Molecular Characterization of <i>Pediococcus acidilactici</i> Pediocin Genes (Ped PA-1/AcH) and Plasmid Transfer into <i>Bacillus subtilis</i> NRRL B-3749 via Electroporation	
ASD - 109	Marilyn C. Ferrer, Mark Ian C. Calayugan ² , Rosa Mia F. Cabanting ² , Mary Valerie Embate ² , Malvin D. Duldulao ¹ , Loida M. Perez ³ and Teodora E.	Marilyn C. Ferrer	Marilyn C. Ferrer	Mananghaya ¹ Genetic Resources Division, Philippine Rice Research Institute, Maligaya, Science City of Muñoz, 3119 Nueva Ecija (lenferrer83@gmail.com)	AS - 109 MORPHO-AGRONOMIC CHARACTERIZATION OF PHILIPPINE TRADITIONAL RICE VARIETIES	

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ASD - 112	Cherry Anne P. Ersando, Monina Dyan R. Elumba, Miriam D. Baltazar and Analita dM. Magsino	Cherry Anne P. Ersando	Cherry Anne P. Ersando	Cavite State University, Indang, Cavite Telefax: (046) 415-0329 Email: ersandocherry@gmail.com	AS - 112 Variability of Fruit and Nut Endosperm Characters of Sugar Palm (Arenga pinnata (Wurmb) Merr.)	
ASD - 113	Darlon V. Lantican, Rosteo R. Habunal and Romnick A. Latina	Darlon V. Lantican	Romnick A. Latina	College of Agriculture and Food Science, University of the Philippines Los Baños Email: darlon.lantican@gmail.com	AS - 113 Insights from the Genome-wide Resistance Gene Analogs of Durian: Characterization, Phylogenetic Analysis and RGA-linked SSR Marker Development	
ASD - 114	Xavier Greg I. Caguiat	Xavier Greg I. Caguiat	Xavier Greg I. Caguiat	Genetic Resources Division, Philippine Rice Research Institute, Maligaya, Science City of Muñoz, Nueva Ecija, Philippines 3119 Contact Info: xbieng03@gmail.com, 63444560277	AS - 114 Molecular Analysis of Select Traditional Rice Varieties Using tsv1-linked SSR Markers	

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ASD - 116	Michael E. Serafico*1,2 and Fortunato B. Sevilla III1,3	Michael E. Serafico	Michael E. Serafico	1Graduate School, University of Santo Tomas, España, Manila 2Department of Science and Technology-Food and Nutrition Research Institute, Bicutan, Taguig City, 3Research Center for the Natural and Applied Science, University of Santo Tomas, España, Manila Phone: (02) 837-8113 loc. 311; Email: michaelserafico@gmail.com	AS -116 Chemometric Differentiation of Local and Imported Aromatic Rice (<i>Oryza sativa</i> L.) Varieties by Electronic Nose	
ASD - 117	Mark Pretzel Zumaraga*, Marietta Rodriguez, Leah Perlas, Mae Anne Concepcion and Charmaine Duante	Mark Pretzel Zumaraga	Mark Pretzel Zumaraga	Food and Nutrition Research Institute Department of Science and Technology *Corresponding and Presenting Author: mppz@fnri.dost.gov.ph	AS - 117 Discovery of Nutrigenetic Markers correlated with Vitamin D Nutrition in Different Lifestyle Genes among Adult Respondents of the 2013 National Nutrition Survey: A Strategy to Optimize Dietary Vitamin D Recommendation for Multiple Health Outcomes in the Philippines	

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ASD - 119	John Paul A. Macasaet, Ayn Kristina M. Beltran, Marynold V. Purificacion, Dr. Tonette P. Laude	John Paul A. Macasaet	John Paul A. Macasaet	Institute of Plant Breeding, College of Agriculture and Food Sciences, University of the Philippines Los Baños, 4031 College, Laguna. *Corresponding Authors, jamacasaet@up.edu.ph	AS - 119 Genetic Variability Among Full-sib Progenies of Orange-pigmented Segregant of Philippine Maize Accession	
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ASD - 121	Rosalie R. Rafael, Cesar V. Ortinero*, Gaudencio M. Natividad*, Lexter R. Natividad, Ronalie B. Rafael*, and Charmaine Eljie R. Rayos*	Rosalie R. Rafael	Lexter R. Natividad	Central Luzon State University, Science City of Muñoz 3120, Nueva Ecija, Philippines Corresponding author's address and e-mail: Block 24, Lot 5, Central Luzon State University, Science City of Muñoz 3120, Nueva Ecija, Philippines/09066760876/lexter_natividad@yahoo.com	AS -121 Phenolic Antioxidants from Agricultural By-products for Functional Food and Cosmetics Applications	

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ASD - 123	Maribelle P. Astejada, Rosemarie T. Tapic, Mario B. Agustin, Florida C. Garcia and Quirino D. Dela Cruz	Maribelle P. Astejada	Maribelle P. Astejada	College of Agriculture, Central Luzon State University (CLSU), Science City of Munoz, Nueva Ecija, Philippines. Email address:belleastejada@gmail.com	AS - 123 Physicochemical Properties and Grain Pigmentation of Special Rice Genotypes Grown under Irrigated Lowland Condition	
ASD - 124	Rosalyn V. Manaois, John Edward I. Zapater and Amelia V. Morales	Rosalyn V. Manaois	Rosalyn V. Manaois	Rice Chemistry and Food Science Division, Philippine Rice Research Institute, Maligaya, Science City of Muñoz, 3119 Nueva Ecija, Philippines Presenting author: Telefax No.: (044) 456- 0113/0285 local 260 Email: rv.manaois@philrice.gov.ph	AS - 124 Phytochemical Content and Antioxidants Capacity of Locally Cultivated Vegetables in the Philippines	
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ASD - 126	Hazel James P. Agngarayngaya*, Arnold R. Elepaño, b, Kevin F. Yaptencob & Ernesto V. Carpiob	Hazel James P. Agngarayngaya	Hazel James P. Agngarayngaya	a*Mariano Marcos State University, City of Batac, Ilocos Norte bUniversity of the Philippines Los Baños, Laguna a*Tel #: (077) 600-0547, ae_hazeljames@yahoo.com	AS - 126 Heat Transfer Analysis of Carabao Mango (Mangifera indica L.) Fruit during Postharvest Hot Water Treatments	

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