

MSTE 2015 : GOLD MEDALIST (KNOWLEDGE)

NO.	NAME	TITLE	CENTRE
1	ADRAIN LING CHIENG KUANG	Unveiling papaya defence-related genes through RNA-seq	BT
2	DR. MASNIZA BINTI SAIRI	Liquid/Liquid Interface-based Electrochemical Sensing: A New Method in Ractopamine Detection	ER
3	DR. MOHAMAD KAMAL B. HAJI ABDUL KADIR	MARDI YOUTH AGROPRENEUR: A model accelerate the development of young entrepreneur in agriculture sector	PB
4	MOHD. NOR FAIZAL BIN HJ. GHAZALLI	<i>Bouea oppositifolia</i> var. <i>microphylla</i> Griff. (Anacardiaceae) - A New Species For Malaysia	GB
5	NOOR BAITI BINTI ABD AZIZ	Floral biology study - A new protocol for jackfruit breeding	HR
6	NORMA BINTI HUSSIN	A Two-dimensional GC x GC-MS Analysis in Chemical Profilic Mapping of Malaysian Agarwood (<i>Aquilaria malaccensis</i>) Essential Oil	HR
7	DR. ROGAYAH BINTI SEKELI	Delayed Ripening Eksotika Papaya Via Silencing Technology	BT
8	ROSNANI BINTI ABD GHANI	Manipulation of Root Environment of Kacip Fatimah Using Agriculture Waste for Ex-situ Commercial Production	HR
9	SEW YUN SHIN	Metabolomics as a tool for exploring the natural variation of <i>Arabidopsis thaliana</i> ecotypes and the assessment of plant performance	BT
10	ZUL HELMEY BIN MOHAMAD SABDIN	Elicitation of Gaharu Oil Production in Tissue Cultures of <i>Aquilaria malaccensis</i> by <i>Fusarium</i> sp. (AO301)	GB

MSTE 2015 : SILVER MEDALIST (KNOWLEDGE)

NO.	NAME	TITLE	CENTRE
1	AHMAD HAFIZ BIN BAHAROM	Evaluation of the New Malaysian-breed Starfruit Hybrids	HR
2	ALLICIA ANAK JACK	Efficacy of endophytic <i>Paenibacillus polymyxa</i> applied in combination with azoxystrobin for in-field management of rice blast disease.	RI
3	FADHILAH ANNAIM HUDA BINTI HASHIM	MARDI internal customer satisfaction index: Comparison between working groups and years of study	ES
4	FADHILNOR BIN ABDULLAH	WHERE SHOULD WE CUT? - An important knowledge for pruning mango trees.	DG
5	MOHAMAD BAHAGIA BIN AB GHAFAR	Development of breeding model for development of super resistant rice varieties	RI
6	MOHD FADIL BIN MOHD YUNUS	An Analysis of the Business Management Practices by the Agro-food SME Entrepreneur	SI
7	MOHD WAZNUL ADLY BIN MOHD ZAIDAN	Discovering the potential of colon cancer-fighting properties of Halia Hitam and Dukung Anak herbal formulation via nutrigenomics approach	BT
8	MOHD ZAFFRIE BIN MAT AMIN	The viability and competitiveness of grey oyster mushroom in Peninsular Malaysia	ES
9	MOHD. RASHID B. RABU	Uncovering Malaysian Competitiveness Position in The Global Edible Bird Nest Industry	ES
10	NAZRUL HISHAM BIN NAZARUDDIN	Clean-gene Technology: Moving toward Safer Genetically-Modified Crops	BT
11	NOOR ISMAWATY BINTI NORDIN	Maximizing phytochemical content of Kacip fatimah (<i>Labisia pumila</i>) through maturity	HR
12	NOR AMNA A'LIAH BINTI MOHAMMAD NOR	Youth Involvement in Agricultural Entrepreneurship	ES
13	NOR SALASIAH BINTI MOHAMED	Optimum pasteurization parameter for marinated shrimp in green curry	FS
14	NORLIZA TENDOT BINTI ABU BAKAR	Systemic Acquired Resistance(SAR) Inducers and Markers to Address Papaya Dieback Disease	BT
15	NUR SABRINA BINTI WAHID	Electroimmobilization of nitrate reductase into polypyrrole films on screen printed electrode for amperometric detection of nitrate	BT
16	NURULNAHAR BIN ESA	A New Balanced Nitrogen and Potassium Regime for Cassava after 3 Decades of Common Practices	RI

17	ROSNANI BINTI HARUN	Technology gap assessment among paddy farmers in granary and non granary areas in Malaysia	ES
18	SITI NOOR ALIAH BINTI BAHAROM	Multi-depth Soil Properties Mapping using Visible and Near Infrared Real-time Soil Sensor	ER
19	STELLA A/P MATTHEWS @ MACHAP	Bio-encapsulation for prolonged shelf-life of beneficial bacteria	BE
20	SYAHIDA BINTI MAAROF	Belalai Gajah (<i>Clinnacanthus nutans</i> L.): Active compound, toxicity and efficacy effect as anti-cancer.	FS

MSTE 2015 : BRONZE MEDALIST (KNOWLEDGE)

NO.	NAME	TITLE	CENTRE
1	ADLIN AZLINA BINTI ABDUL KADIR	Production of polyclonal antibody against pure culture of <i>Erwinia mallotivora</i> and its LPS for diagnosis tool for dieback disease in papaya	BT
2	AIMI ATHIRAH BINTI AHMAD	Robust Coefficient of Variation: A new alternative approach in analyzing data with extreme observation	BE
3	CHONG TET VUN	Biological control of <i>Drymoglossum piloselloides</i> (Pokok duit duit)	SS
4	CHUBASHINI A/P SUNTHARALINGAM	Livestock Innovations in Malaysia: Are We Heading in The Right Direction?	ES
5	DAYANG SAFINAH BINTI NAYAN	Nutrient Management for Export Quality Chrysanthemum: Fertilizer Recommendation Method based on Crop Nutrients Requirement	SS
6	GERTEN ANAK DOMINIC RITAY TASAN	Documenting what we used to practice : Traditional knowledge documentation of selected tropical fruit species and its benefits	GB
7	HASNISA BINTI HASHIM	Safety evaluation of Roselle leaves aqueous extract on normal rats	FS
8	JEEVEN A/L KARRUPPAN	Supercritical Fluid Extraction of Lutein from Sweetpotato leaves	FS
9	JEFFREY LIM SENG HENG	<i>Pantoea dispersa</i> as soil conditioning microb	BE
10	LINA BINTI ROZANO	Rapid screening of phytonutrients with specific biological activities for disease management	BT
11	LIZA NURIATI LIM KIM CHOO	Partitioning carbon dioxide emission and assessing dissolved organic carbon leaching of a drained peatland cultivated with pineapple.	BE
12	MASNIRA BINTI MOHAMMAD YUSOFF	Harvest age and planting density effects on yield and quality of two Kenaf varieties for animal feed and fibre	HR
13	MOHAMED FAUZI BIN MD ISA	Soft Soil Study in Bukit Jambul, Pendang, Kedah	ER
14	MOHAMMAD HARIZ BIN ABDUL RAHMAN	Agro-residue database as decision-making tool for bio-intensive farming	BE
15	MOHD HAIRY AZWAN BIN MOHD BAKHTIAR	Development and Technology Transfer Project NBOS-2 Syed Sirajuddin Camp Gemas: An Experience	DG
16	MOHD KHUSAIRY BIN KHADZIR	Design concept of mechanical tray seeder machine to optimize hybrid rice seedling density	ER

17	MOHD MASRI BIN SARANUM	Elettariopsis smithiae (Serai Acheh): Safe Botanical Base Biopesticide to control diamondback moth (DBM), Plutella xylostella	BE
18	MOHD. SHAIB BIN JAAFAR	Seed density and anatomy - Key indicators for seed viability of EKSOTIKA2 Papaya uncovered	GB
19	MUHAMAD HAFIZ BIN MUHAMAD HASSAN	Predicting yield potential of mango by statistical modeling approach	HR
20	NIK ROZANA BINTI NIK MOHD MASDEK	Success Factors of Women Entrepreneurship Development Programs - Rapid Information Gathering (RIG) Approach	ES
21	NOORLIDAWATI BINTI AB. HALIM	Assessment and challenges of supply in achieving national rice security	ES
22	NUR ATIQA BINTI MOHD KHARI	A Sex Pheromone Profile for Management of Durian Fruit Husk Borer, Conogethes punctiferalis	HR
23	NUR SULASTRI BINTI JAFFAR	Phylogenetic Analysis of the Banana blood disease bacterium (BDB) isolates in Malaysia based on the sequences of 16S rRNA	SS
24	NURIN IZZATI BINTI MOHD ZULKIFLI	Intergrated Biological Control of Parthenium hysterophorus	BE
25	RAFIDAH BINTI BADRUN	Banana Blood Disease : Discovering and profiling of banana defence related genes towards the development of disease resistant banana	BT
26	RINA BINTI SINGKINA	Why Entrepreneurs in Sabah Need to Choose MARDI as Their Technical Service Centre Guidance?	PB
27	ROZEITA BINTI LABOH	Can Allium sps help to control the most devastating Fusarium wilt fungus disease of banana in Malaysia?	SS
28	SAMSIAH BINTI JUSOH	Geronggang Tree (Cratoxylum arborescens)	HR
29	SHARIZAN BIN AHMAD	Assessment of secondary metabolites content in Ginger (variety Bentong)	FS
30	SITE NOORZURAINI BINTI ABD RAHMAN	Discovery of rice accessions in National Rice Genebank with submergence tolerance	GB
31	SIVANASWARI A/P CHALAPARMAL	Investigation on Self- Incompatibility Incident in Ciku MEGA : A Promising Superior Ciku Variety	HR
32	SIVANASWARI A/P CHALAPARMAL	A Profound Understanding of the Reproductive Biology of Manilkara Zapota (Ciku) for Breeding Implications	HR
33	SUHANA BINTI SAFARI	Consumers' Perception and Acceptance of Fresh Agriculture Produce Purchased through e-Business	ES

34	SUHANNA BINTI AHMAD	A novel dissemination technique of <i>Trichoderma asperellum</i> to control anthracnose of mango flowers	SS
35	SURYANTI BINTI BUSTAM	Synthetic seeds: Future of plant conservation	GB
36	TAN YING JU	GENETIC SELECTION: Ways to stop mastitis preying on your profits	AS
37	UMI KALSUM BT HUSSAIN ZAKI	Efficacy effect of asam gelugur powder rich in HCA (Hydroxycitric acid) on obesity rats	FS
38	WAN NUR ZAHIDAH BINTI WAN ZAINON	Effect of High Pressure Processing (HPP) on the safety and quality of fresh cut jackfruit	FS
39	WIRA BIN ABU BAKAR	National Blue Ocean Strategy (NBOS): Producing Entrepreneurs through MARDI's Fertigation Technology Transfer	SI
40	YASEER SUHAIMI BIN MOHD	Potential and Viability Analysis for Chilli Cultivation using Fertigation Technology in Malaysia	PB

MSTE 2015 : SPECIAL AWARDS (KNOWLEDGE)

NAME	TITLE	CENTRE
Young Scientist Award		
DR. MASNIZA BINTI SAIRI	Liquid/Liquid Interface-based Electrochemical Sensing: A New Method in Ractopamine Detection	ER
Best Award		
DR. ROGAYAH BINTI SEKELI	Delayed Ripening Eksotika Papaya Via Silencing Technology	BT
Most Significant Knowledge Award		
MOHD. NOR FAIZAL BIN HJ. GHAZALLI	Bouea oppositifolia var. microphylla Griff. (Anacardiaceae) - A New Species For Malaysia	GB
Best Presentation Award		
DR. MOHAMAD KAMAL B. HAJI ABDUL KADIR	MARDI YOUTH AGROPRENEUR: A MODEL ACCELERATE THE DEVELOPMENT OF YOUNG ENTREPRENEUR IN AGRICULTURE SECTOR	PB