

MSTE 2022- KATEGORI INOVASI

8 - EMAS

9-PERAK

11- GANGSA

BIL.	PINGAT	TITLE	NAME	CLUSTER	PTJ	SPECIAL AWARD
1	EMAS	AYAM SAGA AND FORMULATIONS BASED ON LOCAL INGREDIENTS COULD ENSURE PROTEIN SUPPLY AND NATIONAL FOOD AND FEED SECURITY	NORAINI BINTI SAMAT	L	LS	
2	EMAS	BROM JUICE- A NEW RECOVERY SPORTS DRINK FOR ATHLETE'S BETTER PERFORMANCE	WAN NUR ZAHIDAH BINTI WAN ZAINON	F	FT	Best Innovation Award
3	EMAS	TERUNGOLD: THE INNOVATION OF NATURAL APPROACH FOR WEIGHT CONTROL AND HEALTHY WEIGHT LOSS	ZURAIDA BINTI AB RAHMAN	B	BN	
4	EMAS	SPECIALTY FERTILIZER FOR HIGH-YIELD PRODUCTION OF SWEET POTATO	YASEER SUHAIMI BIN MOHD	C	IC	
5	EMAS	P4546: SUITABLE COMMERCIAL HYBRID VARIETY WITH HIGH AND STABLE YIELD FOR MALAYSIAN GRAIN CORN INDUSTRY	MOHAMAD BAHAGIA BIN AB GHAFAR	C	IC	Best Booth Award (Innovation)
6	EMAS	MARDIsense Rice Pathogen Test Kit: An Easy-to-Use Diagnostic Device for the Detection of Major Rice Diseases	MOHD AFENDY BIN ABDUL TALIB	B	BN	
7	EMAS	Temperature preconditioning in combination with modified atmosphere packaging prolongs the storage life of papaya	NUR AZLIN BINTI RAZALI	C	HR	
8	EMAS	L1 - NEW PINEAPPLE HYBRID FOR THE FUTURE	NURUL SHAMIMI BINTI ABDUL GHANI	C	HR	<ul style="list-style-type: none"> •Young Scientist Award (Innovation) •DG Special Award

9	PERAK	NOVEL CLIMATE SMART AGRICULTURE (CSA) STRATEGIES FOR FUTURE RICE SUSTAINABILITY	FAUZI BIN JUMAT	E	BE	
10	PERAK	PREBIOTIC KELULUT FLOAT BEADS BEVERAGE: FUNCTIONAL DRINK FOR A HEALTHY DIGESTIVE SYSTEM	KOH SOO PENG	F	FT	
11	PERAK	REDUCED CALORIE COCONUT ICE CREAM: DOES ICE CREAM MAKE YOU FAT?	NOR ZALINA BINTI MAT SAAD	F	FT	
12	PERAK	Nutrifit Slow-Released Energy Bar: Energized Your Hectic Daily Lifestyle	KHAIRUNIZAH HAZILA BINTI KHALID	F	FT	
13	PERAK	CLEOSAFE: MAMAN BASED ANTI-INFLAMMATORY CREAM	CHANDRADEVAN A/L MACHAP	B	BN	
14	PERAK	Organic Chilli Technology Package: The Path to Efficient Organic Chilli Production	NUR LIYANA BINTI ISKANDAR	C	SF	
15	PERAK	PERFORMANCE OF FORMULATED RATIONS FOR STAGE FEEDING ON KEDAH-KELANTAN (KK) ELITE CATTLE	MARINI BINTI AHMAD MARZUKI	L	LS	
16	PERAK	PREBIOTIC KUINI JUICE DRINK WITH LOW GLYCEMIC INDEX AND ANTI CHOLESTEROL PROPERTIES	SAIFUL BAHRI BIN SA'ARI	F	FT	
17	PERAK	Coconut Lignin-Complexes: High-Value Natural Agro-Ingredient from the Coconut Waste Industry	NORMA BINTI HUSSIN	E	IC	
18	GANGSA	DOWEL WOOD SPAWN : A SIMPLE WAY TO OVERCOME A GRAIN SPAWN CRISIS	KHAIRUL ASFAMAWI BIN KHULIDIN	C	SF	

19	GANGSA	ANTHOCYANINS- AND FIBRE-RICH BOTANICAL SMOOTHIE PRE-MIXED POWDER WITH ANTI-HYPERCHOLESTEROLEMIC EFFECTS	TUN NORBRILLINDA BINTI MOKHTAR	F	FT	
20	GANGSA	CEMH: ONE-STOP MUSHROOM RESEARCH HOUSE	TEN SENG TEIK	M	ER	
21	GANGSA	IoT-INTEGRATED EVAPORATIVE-COOLED TRUCK: ALTERNATIVE TO CONVENTIONAL VEGETABLE TRANSPORTATION SYSTEM	MASNIZA BINTI SAIRI	M	ER	
22	GANGSA	New Potential Mango Variety for Enhancing the Mango Industry in Malaysia	MUHAMMAD AFIQ BIN TAJOL ARIFFIN	C	HR	
23	GANGSA	IMPROVED TEXTURE QUALITY OF BEEF JERKY: AN APPLICATION OF SOFT JERKY METHOD	MOHD NAZRI BIN MOHD ZAPAR	F	FT	
24	GANGSA	MINIMAL PROCESSING TECHNIQUE OF TENDER JACKFRUIT: A HUMBLE TRADITIONAL FOOD INGREDIENT NOW GET ITS DUE	NUR SYAFINI BINTI GHAZALI	F	HR	
25	GANGSA	FOLIARZ: AN EFFECTIVE FOLIAR NANOFERTILIZER TO IMPROVE THE QUALITY OF ROCKMELON (CUCUMIS MELO. LINN.)	NUR SABRINA BINTI WAHID	N	BN	
26	GANGSA	Design and Development of Watermelon Harvesting & Collecting Machine	ANUAR BIN ABDULLAH	M	ER	
27	GANGSA	Cultivation Activities and Alerts System: Interactive Application for New Farmer	MOHD NADZIM BIN NORDIN	M	ER	
28	GANGSA	Integrated Mechanized Cleaning and Robotic Grading System for Watermelon Packing House Operation	ZAINUN BINTI MOHD SHAFIE	M	ER	