

1st RECENT ADVANCES IN AGRICULTURE SCIENCE SYMPOSIUM [RAASS]

Advancing Agriculture Through Innovation, Resilience and Sustainability



25 - 27
JUNE 2026



**SETIA CITY CONVENTION CENTRE,
SHAH ALAM**

SCOPE



Agronomy & Soil Science



Crop Protection



Animal Nutrition & Feed Innovation



Smart Farming & Precision Agriculture



Agriculture Technology

SYMPOSIUM FEE

Local ▶ **RM200**
International ▶ **USD 60**

MORE INFO



Organized by: **FAKULTI PERTANIAN**
FACULTY OF AGRICULTURE
فاكولتي ڤرتانين

In Collaboration with:



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**1st Recent Advances in Agricultural Sciences Symposium 2026 (1st RAASS 2026)
25 - 27 JUNE 2026
SETIA CITY CONVENTION CENTRE, SHAH ALAM**

Advancing Agriculture Through Innovation, Resilience and Sustainability

THURSDAY: 25 JUNE 2026	
10.00 - 10.30 am	Registration
10.30 - 10.45 am	Welcome Address by Symposium Chair: Prof Dr. Uma Rani Sinniah
11.00 – 11.50 am	Expo Opening Ceremony
12.00 – 12.45 pm	Keynote Address: Transforming Malaysia's Agriculture: Navigating Climate, Technology and Food Security for a Resilient Future YBhg. Dato' Nor Sam Binti Alwi Director General, Department of Agriculture, Malaysia
12.45 – 2.00 pm	Lunch Break
SEGMENT 1: INNOVATIONS IN CROP PRODUCTIVITY, SOIL HEALTH AND AGRICULTURAL RESILIENCE	
2.00 – 2.30 pm	Grain Corn Industry Development as a Strategic Driver of Malaysia's Agrofood Security Officer Department of Agriculture, Malaysia
2.30 – 3.00 pm	Quantum Dot Technology for Enhancing Crop Productivity and Stress Resilience Prof. Dr. Suraya Abdul Rashid Faculty of Engineering, UPM
3.00 – 3.30 pm	Unlocking Durian Yield Through Flowering and Pollination Management Dr. Mohd Firdaus Ismail Faculty of Agriculture, UPM
3.30 – 3.45 pm	Tea Break
3.45 – 4.15 pm	How Global Weather Patterns Impact Soil and Crops Assoc. Prof. Dr. Christopher Teh Boon Sung Faculty of Agriculture, UPM
4.15 – 4.45 pm	Evaluating Land Suitability for Agricultural Use Officer Department of Agriculture, UPM
4.45 – 5.15 pm	The Invisible Workforce: Meet the Microbes Running Our Soil Assoc. Prof. Dr Ali Tan Kee Zuan Faculty of Agriculture, UPM

FRIDAY: 26 JUNE 2026

**SEGMENT 2:
ANIMAL NUTRITION AND FEED INNOVATION**

10.30 -11.15 am	Keynote Address - Reimagining Animal Nutrition: Feed Innovation for Sustainable Food Systems Director General Of Veterinary Services Malaysia Department of Veterinary Services
11.15 -11.45 am	Insect-Based Feed as a Future Ingredient Dr Nazri Nayan, UPM
11.45 – 12.15 am	Functional Feed Additives for Animal Health and Performance TBD Faculty of Agriculture, UPM
12.15 – 1.00 pm	Poster Session
1.00 – 2.00 pm	Lunch Break

**SEGMENT 3:
HIGH-VALUE CROPS AND PLANTING MATERIAL INNOVATION**

2.30 – 3.00 pm	Advancing Onion Production Through Improved Technologies and Management Strategies Mr. Tinase Suppiah JTS Maju Jaya Sdn. Bhd
3.00 - 3.30 pm	Distinctive Durian Flavour with High Nutritional Value Is the Trademark of Biodynamic Produce Dr. Yap Kim Fay Fay Farm
3.30 - 3.45 pm	Tea Break
3.45 – 4.15 pm	Sorghum as an Emerging Climate-Resilient Crop for Sustainable Agriculture Dr. Nazatul Shima Naharuddin Faculty of Agriculture, UPM
4.15 – 4.45 pm	Plant Immunotherapy: Activating Nature’s Pathways for Healthier and More Productive Crops Mr. Walter Medina Excel Seeds Trading Sdn. Bhd.

SATURDAY: 27 JUNE 2026

**SEGMENT 4:
EMERGING TECHNOLOGIES AND BIOLOGICAL INNOVATIONS FOR SUSTAINABLE
AGRICULTURE**

10.15 -10.45 am	Artificial Intelligence and Decision Support Systems in Agriculture Prof. Dr. Siva K Balasundram Faculty of Agriculture, UPM
10.45 – 11.15 am	Biological Innovations for Sustainable Protected Crop Production Mr. Cao Sang Bach Bio Pro
11.15 – 11.45 am	Innovations in Crop Protection: Biopesticides, Biotechnology and Beyond Assoc. Prof. Dr Lau Wei Hong Faculty of Agriculture, UPM
11.45 – 12.15 am	Drones, Robotics and Automation in Modern Agriculture Dr. Nik Nor Asma Binti Che'Ya Faculty of Agriculture, UPM
12.15 – 12.45 am	Strategies in Plant Biosecurity and Invasive Species Management Officer, Department of Agriculture, Malaysia
12.45 – 1.00 pm	Closing Remarks
1.00 – 1.15 pm	End of Symposium