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UPM
UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

INSTITUT PERTANIAN TROPIKA
INSTITUTE OF TROPICAL AGRICULTURE

Rujukan : UPM/ITA/28/1/3
Tarikh : 4 Februari 2010

Tuan Haji Abdul Razak Hussin
Ketua Pejabat Perhubungan Awam Dan Korporat
Universiti Kebangsaan Malaysia
43600 UKM Bangi
Selangor Darul Ehsan

Tuan/ Puan

BENKEL "COLLOQUIUM ON GOOD AGRICULTURAL PRACTICE (GAP) AND FERTIGATION TECHNOLOGY ON HORTICULTURE CROPS PRODUCTION"

Dengan segala hormatnya saya ingin menarik perhatian tuan mengenai perkara diatas.

Sukacita dimaklumkan bahawa Laboratori Tanaman Makanan & Florikultur Institut Pertanian Tropika, Universiti Putra Malaysia akan menganjurkan Bengkel Colloquium on Good Agricultural Practice (GAP) and Fertigation Technology on Horticulture Crop Production seperti butiran berikut :

Tarikh : 16 Mac 2010
Masa : 9 pagi - 4.30 petang
Tempat : Dewan Persidangan, Pusat Pendidikan Luar, UPM
Yuran Penyertaan : RM 150.00

Sehubungan dengan itu, mohon kerjasama tuan untuk menyebarkan brosur yang telah dilampirkan kepada staf yang berkenaan dan berminat untuk menghadiri bengkel tersebut. Borang yang telah lengkap diisi hendak dihantar semula ke Institut Pertanian Tropika sebelum 1 Mac 2010 melalui e-mel atau fax. Brosur hebahan dan borang pendaftaran disertakan untuk rujukan dan maklumat lanjut.

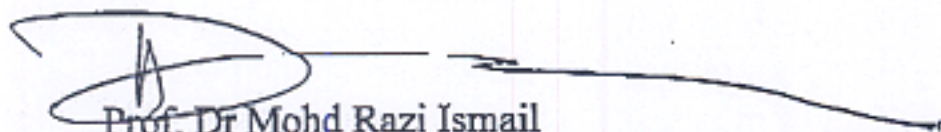
Segala kerjasama dari pihak tuan didahulukan dengan ucapan ribuan terima kasih.

Sekian.

"BERILMU BERBAKTI"

Yang Benar,

Sdr Anton,


Prof. Dr Mohd Razi Ismail
Ketua Laboratori Tanaman Makanan & Florikultur
Institut Pertanian Tropika
Universiti Putra Malaysia.



Registration Form

Name: _____
 Position: _____
 Organization/Agency: _____

Address: _____

Telephone: _____
 Facsimile: _____
 Email: _____

Signature: _____
 Date: _____



Completed Registration Form for these events must be faxed or mailed to the secretariat by 1 March 2010. Payment of registration fees can be made by cash or cheque (crossed 'A/C Payee Only'), payable to 'Bendahari UPM' and send to the secretariat before 12 March 2010.

Correspondence and Enquiries
 All correspondence and enquiries should be directed to:

Secretariat
 Colloquium on Good Agricultural Practices (GAP) and
 Fertigation Technology in Horticulture Crops Production

Laboratory of Food Crops and Floriculture
 Institute of Tropical Agriculture
 Universiti Putra Malaysia

43400 UPM, Serdang,
 Selangor, 13100, Malaysia
 (Attn: Mohd Yusni Yusni, Organiser)
 Tel: 03-8946277, 63389087, 6509567
 Fax: 03-89468968

Email: mohd Yusni@putra.upm.edu.my

Registration Fees
 RM 150.00 per person
 RM 50.00 - Students
 (Includes: Inquiries of tea breaks, lunch and coffee, complimentary)

Accommodation and Transport
 Participants for the colloquium must make their own arrangements for accommodation and transport during the colloquium.

For more information, please contact:
 Mohd Yusni Yusni, Organiser
 (www.gapforum.upm.edu.my)
 (www.fertigation.upm.edu.my)
 (www.colloquium.upm.edu.my)
 (www.upm.edu.my)
 (www.upm.edu.my)



Colloquium on Good Agricultural Practices (GAP) and Fertigation Technology in Horticulture Crops Production

16 March 2010
 Centre for External Education Hall
 Universiti Putra Malaysia
 Serdang

Organised by:
 Institute of Tropical Agriculture, UPM



Introduction

Good agricultural practices (GAP) outlines the main requirements for the adoption and application of good management practices for the production of fresh fruits and vegetables for human consumption without affecting the environment and the health of farm works. They are applied through sustainable agricultural methods, such as integrated pest and fertilizer management and conservation agriculture. GAP applications are being developed to meet farmers and consumers needs and specific requirement. New and modern approach is also added in the GAPs such as fertigation technology in order to get the highest return. This colloquium is organized with the objective of enhancing our knowledge and skills in these fields which will propel the agriculture sector in this country to new heights especially in GAP and fertigation technology. Experts from Technical University Munich, Germany, and local agriculture institutes will be the resource persons to furnish us with the latest development in GAP.

Objectives

- To expose researchers and farmers in Malaysia on the recent advances and applications of GAP and fertigation techniques.
- To enhance knowledge on new and modern agriculture.
- To provide the opportunity to assess and decide on which farming practices to follow at each step in the production process.

Who should attend?

- Researchers and academicians with interest in fertigation technology practice.
- Agrotechnologists, food producers and processors, farmers and students.
- Other interested parties.

tentative Programme

9.00 am - 9.30 am	Opening ceremony
9.30 am - 10.30 am	Public Lecture: Good agricultural practice (GAP) for quality assurance of fresh fruits and vegetables in soilless culture Prof. Emilias Dr. Wilfried Hermann Schmitzer (Technical University Munich, Germany)
10.30 am - 11.00 am	Tea Break
11.00 am - 11.30 pm	Fertilizer management in fertigation in soilless culture for high value vegetable crops production Prof. Dr. Mohd Razaf Ismail (Institute of Tropical Agriculture, UPM)
11.30 am - 12.00 pm	Bio-intensive disease management for horticultural crops under protected cultivation Prof. Dr. Sariah Meon (Institute of Tropical Agriculture, UPM)
12.00 pm - 12.30 pm	Fertigation management system for decision support system and precision Mr Mohd Shahrul Nizam (Inforence Sdn. Bhd.)
12.30 pm - 1.00 pm	Opportunities in the development of market-oriented vegetable production systems Prof. Em. Dr. Herriksen Schmitzer (Technical University Munich, Germany)
1.00 pm - 2.30 pm	Lunch
2.30 pm - 4.30 pm	Panel Discussion: Towards increasing yield of vegetables under protected cultivation in the lowlands of Malaysia Panelist: Department of Agriculture, MARDI, UPM and FAMA and Prof. Em. Dr. Hermann Schitler
4.30 pm	Closing and tea break

Resource persons

Wilfried Hermann Schmitzer is a university professor at Technical University Munich, Germany, presently chairing the Commission Plant Substrate and Soilless Culture in the Executive Committee of the International Society of Horticultural Science (ISHS). Previously he was a director of large horticultural institute for applied and basic research in vegetables, mushrooms, herbs and spices. He was also a senior executive of very large US corporation based in Asia with over 20 years extensive research and management experience in agriculture, horticulture and food processing in Asia, India and East Africa.

He conducted successful management of European Union funded international projects in Urban Horticulture in Asia and Water management in the Mediterranean and Middle East regions. Joint international research projects with the German agency GTZ. He also lectures in and managing research groups for product quality (aroma and health compounds), integrated crop management (fertigation), crop diversification (introduction of new vegetables, cultivated mushrooms, and medicinal plants) and various hydroponics systems in protected cultivation and for urban horticulture. He has over 300 publications and also authored several books and manuals in the field of food quality and safety, plant substrates, hydroponics & integrated crop management.

Prof. Dr. Mohd Razaf Ismail is a Professor and Head of Laboratory of Food Crops and Floriculture at Institute of Tropical Agriculture, Universiti Putra Malaysia. His ongoing research involves improved water use efficiency of rice. He is a member of Malaysian Society of Plant Physiology, Chevening Alumni, British High Commissioner, and Imperial College London Alumni (Malaysia). Export in Training in Commercial Hydroponics, United Nation Development Programme (UNDP), and have been awarded with Foreign and Commonwealth Office Award 1993-1994, The British High Commissioners Awards (1993), and Association of Commonwealth University Award, Association of Commonwealth University (2003) He has over 100 publications in agricultural science, horticulture and vegetables.

Prof. Dr. Sariah Meon is a plant pathologist by training, obtained her PhD from University of Adelaide, Australia. She has many scientific publications to her credit, supervised many graduate students in the field of Bio-intensive disease management and plant pathology. Her main research interests are focused mainly on vegetable diseases, *Fusarium* wilt of banana and *Gonoderris* Basal Stem Rot of oil palm. She participated in various conferences both local and international, and various committees related to disease management. Currently she is the Director of the Institute of Tropical Agriculture, a position she holds since the establishment in 2006. Prof Dr Sariah is also a life member of Malaysian Plant Protection Society, Malaysian Microbiology Society, AIMS and ISSAAS and Alumni of University of Adelaide.

Mohd Shahrul Nizam Mohd Danuri is a technical director of Inforence Sdn. Bhd., a development arm company for Leedcom Group which developing new enhanced management support system for agriculture industry. He has extensive experience in conducting IT system in, focus solely on the Research and Development for a niche system requirement under specific vertical market such agriculture, aquaculture and environmental. He has led several projects in IT system such as New Financing Application System for Bank Muaralat, and computer network and telecommunication for Telekom Malaysia.