

A close-up photograph of a rice plant with a small red beetle on a stem. The background is a soft-focus green.

Bengkel Kebangsaan Penghasilan Padi Lestari

Permurnian Pengurusan Perosak Bersepadu

12 - 13 September 2012

Dewan Tun Abdullah Mohd Salleh

Universiti Kebangsaan Malaysia

National Workshop on Sustainable Rice Production

Re-visiting **IPM**

Penganjur Organizers



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Background

Sustainable production of rice, which is one of the world's most important crops, is critical for ensuring food security and addressing poverty. More than half of the world's population depends on rice for food calories and protein, especially in developing countries (IRRI World Rice Statistics). One fifth of the world's population—more than a billion people—depend on rice cultivation for their livelihoods. Malaysia has more than 100,000 farmers depending on rice production for their livelihoods, and many more working in rice-dependent industry.

The challenges facing rice production include: declining/stagnating productivity, increased use of agrochemicals with decreased use efficiency, degradation of soil and water resources, adverse changes in micro-climate, land fragmentation and labor and energy shortages, including health risks of farmers and consumers.

SRI-Mas believes that IPM is a way forward for sustainable rice production and food security as it encourages the development and use of safe, sustainable and effective control methods that also increase farm profitability and productivity, reduce environmental and human health risks and protect natural resources for future generations.

General objectives of the Workshop:

- to explore means of optimizing the cost of rice production towards sustainable food security (reducing costs, as a result of early detection and management of biosecurity risks and water saving practices; mitigating loss and damage from pest incursions)
- to recommend means of enhancing ecological balance and enhancing the health quality of farmers and consumers (safe environment and safe food)

Specific objectives of the Workshop:

- to re-emphasize the critical role of IPM in sustainable rice production
- to re-frame and re-fresh the mindsets of farmers, agricultural officials, extension service providers and policy implementers on the importance of IPM in keeping abreast with various ecological-based alternatives in managing pests and diseases.
- to update, share and exchange knowledge, experience and best practices, as well as emerging trends in IPM, recognizing the work and progress made by farmers and practitioners nationally and internationally.

SRI-Mas IPM Workshop Secretariat

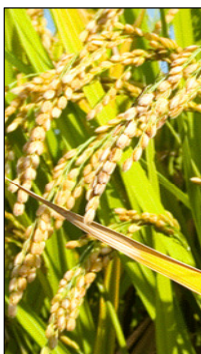
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Hari Pertama
Day 1
12 SEPTEMBER 2012

08:55:09:00	Bacaan Doa <i>Doa Recitation</i>
09:00 – 09:05	Ucapan Aluan <i>Opening Address</i> Prof. Madya Dr. Norela Sulaiman, UKM Chair of the SRI-Mas Committee on the “ <i>National Workshop on Sustainable Rice Production: Re-visiting IPM</i> ”
09:05 – 09:15	Ucapan Perasmian <i>Keynote Address & Official Opening</i> YBhg. Tan Sri Dato’ Dr. Mohd Noor Ismail, Corporate Advisor Tradewinds Malaysia Berhad
Sesi Plenari <i>Plenary Session</i> Moderator: Prof. Madya Dr. Zainal Abidin Mior Ahmad, <i>Universiti Putra Malaysia (UPM)</i> .	
09:15 – 09:55	Kertas Plenari 1 <i>Plenary Paper 1</i> Sustainable Intensification of Rice Production: Pesticide Risk Reduction and the importance of ecosystem-literacy education for smallholder farmers in Asia <i>Peningkatan penanaman padi lestari: Pengurangan risiko racun perosak dan kepentingan pemahaman (celik) sistem ekologi di kalangan petani-petani berskala kecil di Asia</i> Dr. Jan Willem Ketelaar, FAO Regional Office for Asia and Pacific (FAO-RAP)
09:55 – 10:35	Kertas Plenari 2 <i>Plenary Paper 2</i> IPM for sustainable rice production and food security in Malaysia <i>IPM untuk penanaman padi lestari dan jaminan bekalan makanan di Malaysia</i> En. Mokhtarud-din Hussain, Mokhtarud-din Husain, Robert William and Syed Abd.Hakim Syed Majid, Department of Agriculture (Malaysia)
10:35 – 10:55	Soal-jawab

	Q & A
10:55 – 11:15	Minum Pagi <i>Refreshment</i>
Sesi 1: IPM – Meningkatkan Pengetahuan & Kemahiran <i>Session 1: IPM - Enhancing Knowledge & Skills</i> Moderator: Prof. Madya Dr. Datin Rosenani Abu Bakar, UPM	
11:15 – 11:35	Model Field School Model on Integrated Pest Management for Rice and Rice Production of Cianjur West Java Indonesia <i>Model Sekolah Sawah Padi dalam Pengendalian Hama Terpadu dan Penghasilan Padi di Cianjur Jawa Barat Indonesia</i> En. Budi Utoyo Balai, Proteksi Tanaman Pangan & Hortikultur, Jawa Barat Indonesia
11:35 – 11:55	The roles and challenges of IPM practices in Malaysia <i>Peranan dan tentangan kepada amalan pengurusan perosak bersepadu di Malaysia</i> Prof. Madya Dr. Zainal Abidin Mior Ahmad, UPM
11:55 – 12:15	IPM practices in India – Farmers’ perspectives <i>Amalan IPM di India: Perspektif Petani</i> Mrs. Subhashini Sridhar, Center of Information & Knowledge System, India.
12:15 – 12:35	IPM Extension Delivery Services: Policies and Initiatives in Extension <i>Penyampaian Khidmat Lanjutan IPM: Polisi dan Inisiatif</i> Dr. Divina Amalin, Cocoa Foundation of the Philippines
12:35 – 12:55	IPM and SRI Practices in Thailand <i>Amalan IPM dan Sistem Intensifikasi Padi (SRI) di Thailand</i> Dr. Abha Mishra. Asian Institute of Technology (AIT), Thailand
12:55 – 13:00	Tayangan Video Mengenai SRI <i>SRI Video Montage</i>
13:00 – 14:00	Makan Tengahari <i>Lunch</i>

Sesi 2: IPM – Mengimbangi Sistem Ekologi Session 2: IPM - Balancing ecosystem Moderator: Prof. Dr. Maimon Abdullah, UKM	
14:00 – 14:20	Enhancing biodiversity, ecosystem services and pest management in rice production <i>Meningkatkan kepelbagaian biologi, khidmat ekosistem dan pengurusan perosak dalam penghasilan padi</i> Dr. K.L. Heong, International Rice Research Institute (IRRI), Philippines
14:20 – 14:40	Managing rats in ricefields <i>Pengawalan Tikus di Sawah Padi</i> En Badrulhadza Amzah, Malaysian Agricultural Research & Development Institute (MARDI)
14:40 – 15:00	Soal-jawab Q & A
Taklimat berkenaan Lawatan ke Stesen-stesen Demonstrasi Briefing on Demonstration Station Visits Puan Noorazimah Taharim, Menteri Besar Inc. Selangor (Pemerbadanan) Vice Chair SRI-Mas IPM Committee	
15:00 – 15:15	Stesen Demonstrasi – Lawatan 1 <i>Demonstration Station Visit 1</i>
15:15 – 15:30	Stesen Demonstrasi – Lawatan 2 <i>Demonstration Station Visit 2</i>
15:30 – 15:45	Minum Petang <i>Refreshment</i>
Sesi 3: IPM- Menguatkan Pokok Padi Session 3: IPM- Strengthening Rice Plant Moderator: Puan Aini Zakaria, IPM Consultant (former Senior Researcher on Soil Science & Microbiology, Strategic Resource Center, MARDI)	
15:45 – 16:05	Enhancing soil health to improve rice growth <i>Meningkatkan kesihatan tanah untuk menyuburkan padi</i> Prof. Dr. Iswandi Anas, Bogor Agricultural University, Indonesia
16:05 – 16:25	Enhancing plant health for sustainable rice production <i>Meningkatkan kesihatan pokok padi untuk penghasilan lestari</i> Prof. Madya Dr. Anizan Isahak & Dr. Che Radziah Che Mohd Zain, Universiti Kebangsaan Malaysia (UKM), Malaysia
16:25 – 16:45	Soal-jawab Q & A
16:45 – 17:00	Stesen Demonstrasi – Lawatan 3 <i>Demonstration Station Visit 3</i>
17:00 – 17:15	Stesen Demonstrasi – Lawatan 4 <i>Demonstration Station Visit 4</i>
17:15 – 17:30	Stesen Demonstrasi – Lawatan 5 <i>Demonstration Station Visit 5</i>
17:30	End of Day 1



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**Hari Kedua
Day 2
13 SEPTEMBER 2012**

Sesi 4: IPM – Pengurangan Kos

Session 4: IPM - Reducing costs

Moderator: Prof. Madya Dr. Siti Hajar, UPM

09:00 – 09:20	Reducing costs through best practices in field preparation <i>Pengurangan kos melalui amalan terbaik penyediaan tapak</i> Salehuddin Yahya, NS Nature Rice, Malaysia
09:20 – 09:40	Optimizing costs through the use of indigenous microorganisms <i>Pengoptimuman kos melalui penggunaan mikroorganisma semulajadi</i> Noorazimah Taharim, Menteri Besar Inc.Selangor (Pemerbadanan)
09:40 – 09:45	Video 3: Cara-cara membuat `Indigenous microorganisms` (IMO) dengan menggunakan bahan-bahan tempatan yang murah dan mudah didapati <i>Video 3: Making IMO using locally available low-cost products</i>
09:45 – 10:05	Soal-jawab Q & A
10:05 – 10:20	Perkongsian Pengalaman daripada Pegawai Khidmat lanjutan IPM – Hj. Kamarudin bin Abdul Aziz, Jabatan Pertanian (Malaysia) <i>Sharing by Extension Services Officer for IPM- Hj. Kamarudin bin Abdul Aziz, DOA Malaysia</i>
10:20 – 10:35	Perkongsian Pengalaman daripada Petani IPM – En Aep Saifudin. SRI Tunjong, Kelantan/ Capt (R). Zakaria , SRI-Kpg Lintang Sik Kedah. <i>Sharing by an IPM farmer - En Aep Saifudin. SRI Tunjong, Kelantan / Kpt (B). Zakaria Kamantasha, SRI-Kpg Lintang Sik Kedah</i>
10:35 – 10:50	Stesen Demonstrasi – Lawatan 6 <i>Demonstration Station Visit 6</i>
10:50 – 11:15	Minum Pagi <i>Refreshment</i>

Sesi 5: IPM- Pengurangan Risiko <i>Session 5: IPM - Reducing Risks</i> Moderator: Puan Rospidah Ghazali, UKM	
11:15 – 11:35	Enhancing biosafety and reducing biosecurity risks <i>Meningkatkan biokeselamatan dan mengurangkan risiko biosekuriti</i> Ms Lim Li Ching. Third World Network (TWN)
11:35 – 11:55	Reducing risks to human health and the environment associated with pesticides <i>Mengurangkan risiko disebabkan oleh racun perosak ke atas kesihatan manusia dan Persekitaran</i> Ms Sarojeni Rengam Pesticide Action Network Asia-Pacific (PANAP)
11:55 – 12:00	Video 4: Perkongsian Kejayaan- Petani IPM (Suara dari Bendang) <i>Video 4: Success stories - farmers practicing IPM (Voices from the fields)</i>
12:00 – 12:20	Soal-jawab <i>Q & A</i>
12:20 – 12:35	Stesen Demonstrasi – Lawatan 7 <i>Demonstration Station Visit 7</i>
12:35 – 13:00	Perbincangan Kumpulan (Menyediakan pembentangan) <i>Group Work (Preparing group presentation)</i>
13:00 – 14:00	Makan Tengahari <i>Lunch</i>
Sesi 6: Pembentangan Kumpulan <i>Session 6: Group Presentations</i> Moderator: Prof. Dr. Aminah Abdullah, UKM	
14:00 – 15:20	Pembentangan Kumpulan: Mengemukakan rumusan dan cadangan utama berkaitan dengan IPM & Penanaman Padi berdasarkan pemerhatian semasa Lawatan ke Stesen-stesen Demonstrasi <i>Group Presentations: Highlight recommendations related to Rice IPM based on observations during Demonstration Station Visits</i>
15:20 – 15:40	Soal-jawab <i>Q & A</i>
15:40 – 16:00	Minum Petang <i>Refreshment</i>
Sesi 7: Penutup <i>Session 7: Closing</i>	
16:00 – 16:50	Rumusan & Penilaian Bengkel <i>Recap, Synthesis & valuation</i> Prof. Dr. Wan Mohtar Wan Yusoff & En Salehuddin Yahya, Sri-Mas Committee
16:50 – 17:00	Ucapan Penutup <i>Closing Remarks</i> Prof. Dr. Sahrim Ahmad, Dekan Fakulti Sains dan Teknologi, UKM
17:00	END OF WORKSHOP