



# National Workshop on Sustainable Rice Production

## Re-visiting IPM

12-13 September 2012

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Universiti Kebangsaan Malaysia (UKM) Bangi

Selangor, Malaysia

### ***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 (DFID, UK). 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.

## ***The Participants***

- Farmers
- Extension services / Agricultural Officers
- NGOs
- Government / inter-government agencies
- Scientists, researchers, academicians
- Private sectors
- Students
- IPM experts, practitioners and stakeholders

## ***Topics covered***

- rice production
- pests and diseases
- extension services
- ecological-based agriculture
- farmer empowerment (rural development)
- environment (natural resources)
- policies and practices in IPM

## ***Expected benefits for participation***

- able to learn from successful practitioners (best practices)
- able to evaluate the benefits of IPM practices
- able to see the potential of IPM to reduce the cost of production through water use, cost of fertilization, etc.)
- able to identify and describe IPM practices
- able to monitor and diagnose pest symptoms and situations
- able to perform collective measures
- able to perform effective method for managing rice production wholistically

## ***Registration Fees:***

RM350 – Government, businesses, research institutions, academicians, NGOs, etc.

RM200 – Farmers, Students.

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### **SRI-Mas IPM Workshop Secretariat**

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