

## Background

Rice is an important staple food and the majority of the rice producers are small scale farmers. Therefore there is a need to address issues related to these farmers throughout the supply chain. Major improvement is required at the harvesting and post-harvest activities. It is therefore timely that farmers be empowered in determining the efficiency of rice production from seed to shelf. This workshop intends to provide a platform to discuss the way forward for greater involvement of farmers in the pre harvest and post-harvest activities to ensure improved quality and productivity of rice.

## Objectives

General topics:

- Pre-harvest activity
- Post-harvest handling
- Quality management of paddy and rice

Special topics:

- Drying practice- Solar Bubble Dryer
- Storage of dried paddy and rice using Super-grain Bag

## Who should attend

- ✓ Rice farmers
- ✓ Academician, researchers, agronomists, food scientists and students
- ✓ Policy makers
- ✓ Agriculture consultants/ advisors
- ✓ Private sectors and rice-based companies
- ✓ Individuals involved in agriculture, food science and related matter

## Venue

SRI Lovely, KampungLintang, Sik, Kedah



## Registration

Please register by 10th March 2015 via email [srimas2011@gmail.com](mailto:srimas2011@gmail.com)

(Limited seats available)

Full Name: (Prof./ Assoc. Prof. / Dr. / Mr. Ms.)

\_\_\_\_\_

Occupation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

Tel: \_\_\_\_\_

E-mail: \_\_\_\_\_

Fee RM40.00 (to be paid during registration)

Please email or fax this form to Secretariat  
Rice Post Harvest Workshop 2015  
Program Geology, Faculty of Science and Technology,  
Universiti Kebangsaan Malaysia,  
Bangi 43600 Selangor  
Email: [srimas2011@gmail.com](mailto:srimas2011@gmail.com)  
(Attn: Izzad 0194402192)

## Post-Harvest Activities

### Drying Process

Providing a safe storage and drying options for grains such as paddy and maize.



Solar Bubble Dryer (SBD)- helps in drying under unpredictable and wet climate.



Contamination and damages to structures due to insect activities



Heavy machines reduce crop yields and damage the soil.



Spillage of paddy might cause economic losses to farmers.



Mechanic of the Cocoon – hermetic organic storage system

## Programs

0800 – 0845	<b>Registration</b>
0845 – 0900	<b>Welcoming</b> address by Manager Director of Kedah Development Authority (KEDA)
0900 – 0915	<b>Welcoming</b> address by Prof Wan Mohtar Wan Yusoff (President of SRI-Mas)
0915 – 0945	<b>Paper 1:</b> Pre-harvest: importance and good practices (MARDI)
0945 – 1015	<b>Paper 2:</b> Good post-harvest handling practices (Assoc. Prof. Dr. Siti Hajar Ahmad)
1015 – 1045	<b>Paper 3:</b> Quality and Safety of rice (Prof. Dr. Aminah Abdullah and En. Mohd. Roslan Bani Amin)
1045 – 1100	<b>Coffee Break</b>
1100 – 1130	<b>Experience sharing:</b> challenges in handling harvesting and supply chain management (En. Sulaiman Wagiman)
1130 – 1200	<b>Special Topic 1:</b> Drying practice (GrainPro Solar Bubble Dryer-Joel Dator)
1200 – 1230	<b>Special Topic 2:</b> Storage of dried paddy and rice using Mechanics of the Cocoon (Joel Dator)
1230 – 1300	<b>Q &amp; A</b>
1300 – 1400	<b>Lunch</b>
1400 – 1500	<b>Demo 1:</b> Drying using GrainPro Solar Bubble Dryer (Joel Dator)
1500 – 1530	<b>Demo 2:</b> Storage of dried paddy and rice using Mechanics of the Cocoon (Joel Dator)
1530 – 1630	<b>Demo 3:</b> Packaging of rice (Koperasi Agro BelantekSikBhd)
1630 – 1700	<b>Closing and tea</b>

## Topics

Pre-harvest Handling

Harvesting Machinery

Milling

Post-Harvest Management

Pre-Harvest Handling

Rice Safety

Supply Chain Management

Drying

Storing of Paddy and Rice

Storage Pest

Packaging

## Organized by:



# Workshop on Rice Pre Harvest & Post Harvest 2015

15<sup>th</sup> March 2015  
SRI-Lovely, Kg Lintang, Sik,  
Kedah

