

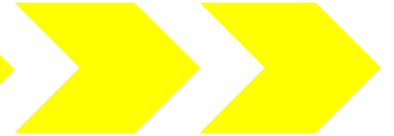


# **Rice Stocks Measurement, Methodologies and Practices: Progress and Issues Engaging with Professional Associations**



**Bureau of Agricultural Economic Research (BAER)  
Office of Agricultural Economics (OAE)  
Ministry of Agriculture and Cooperatives (MOAC)**

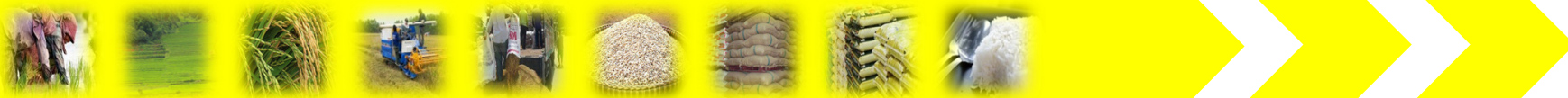
**2<sup>nd</sup> Joint National Workshop on Rice Data  
for Thailand and the Philippines  
Manila, The Philippines  
3-4 December 2014**



# Outline

1. Rice Situation
2. Rice Stock Measurement
3. Limitations and Issues



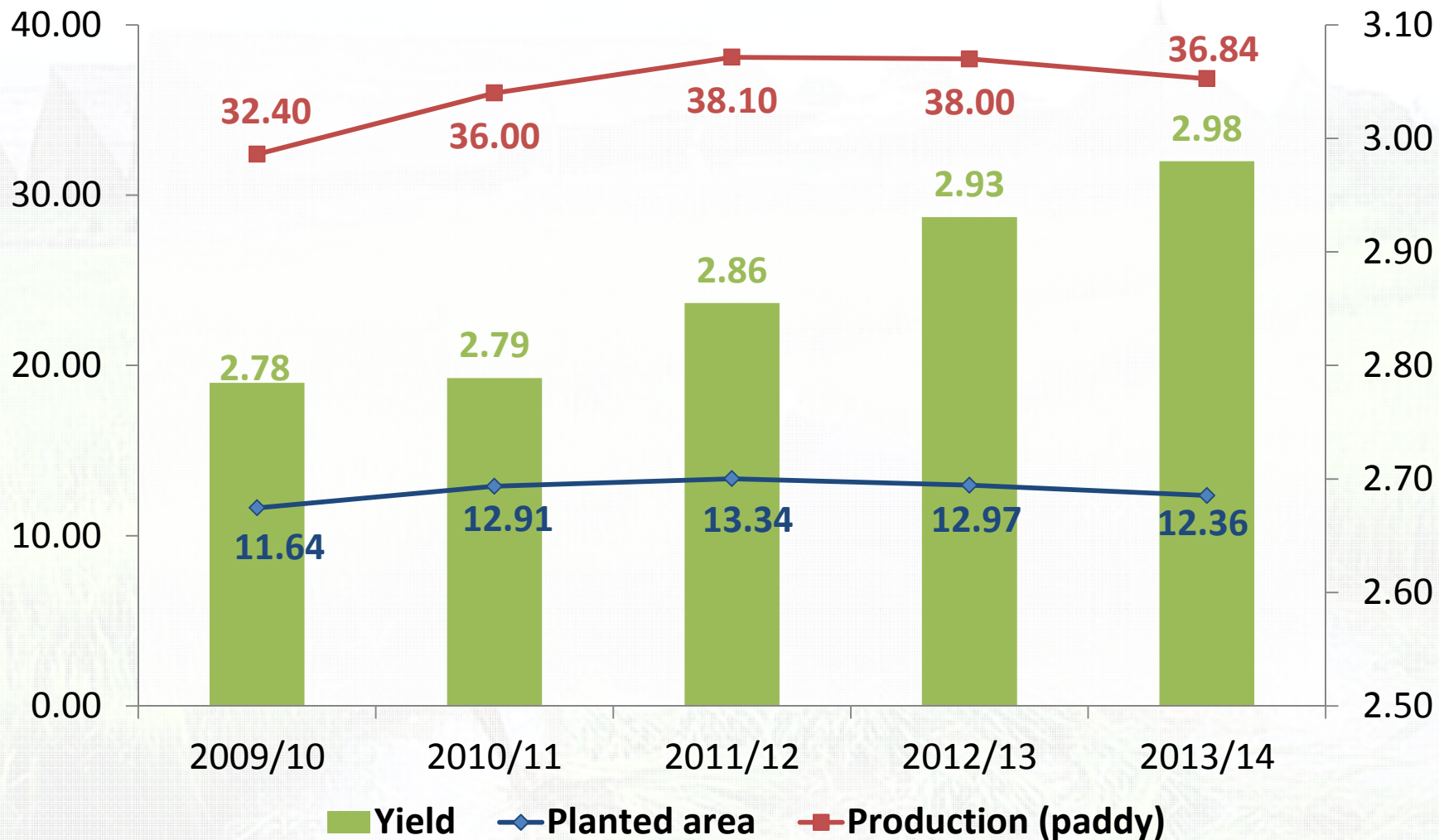


# 1. Rice Situation

## 1.1 Production

(million tons, million hectares)

(ton/hectare)





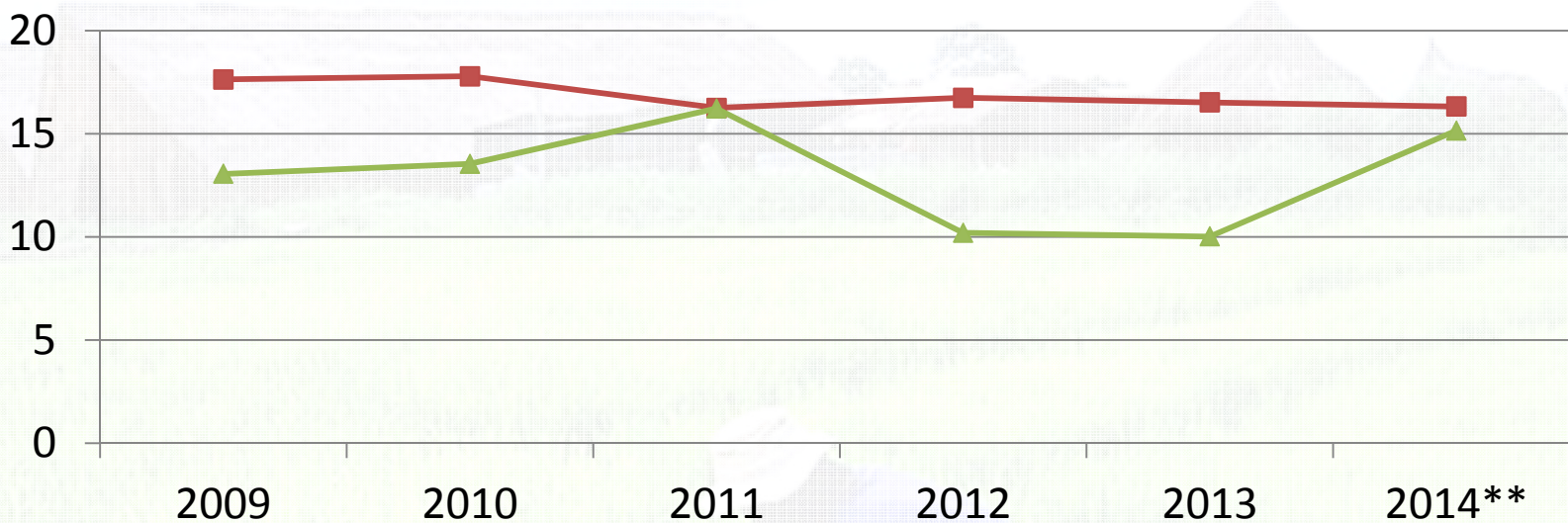
# 1. Rice Situation

## 1.2 Rice Demand

(million tons as paddy)

■ Domestic utilization\*

▲ Export



	2009	2010	2011	2012	2013	GR (%)	2014	Δ%
<b>Domestic utilization</b>	17.64	17.79	16.26	16.75	16.53	<b>-1.88</b>	16.33	<b>-1.21</b>
<b>Export (paddy)</b>	13.06	13.55	16.23	10.20	10.02	<b>-7.83</b>	15.15	<b>51.20</b>
<b>Export (milled rice)***</b>	8.62	8.94	10.71	6.73	6.61	<b>-7.83</b>	10.00	<b>51.20</b>

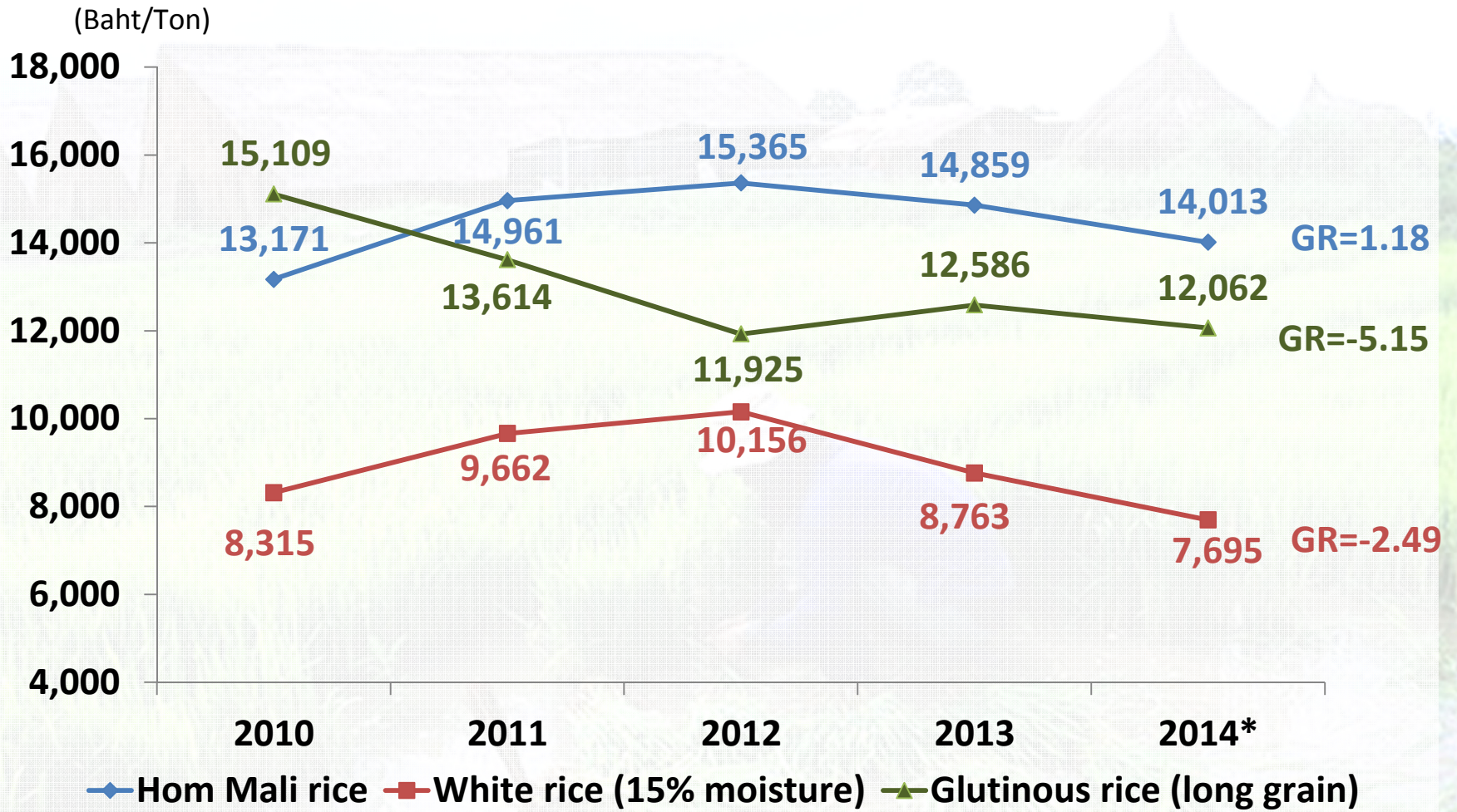
\*Domestic utilization includes food use, feed use, seed use and industrial use.

\*\* forecasted, \*\*\*Conversion rate: Paddy : Milled Rice = 1:0.66



# 1. Rice Situation

## 1.3 Farm Gate Price

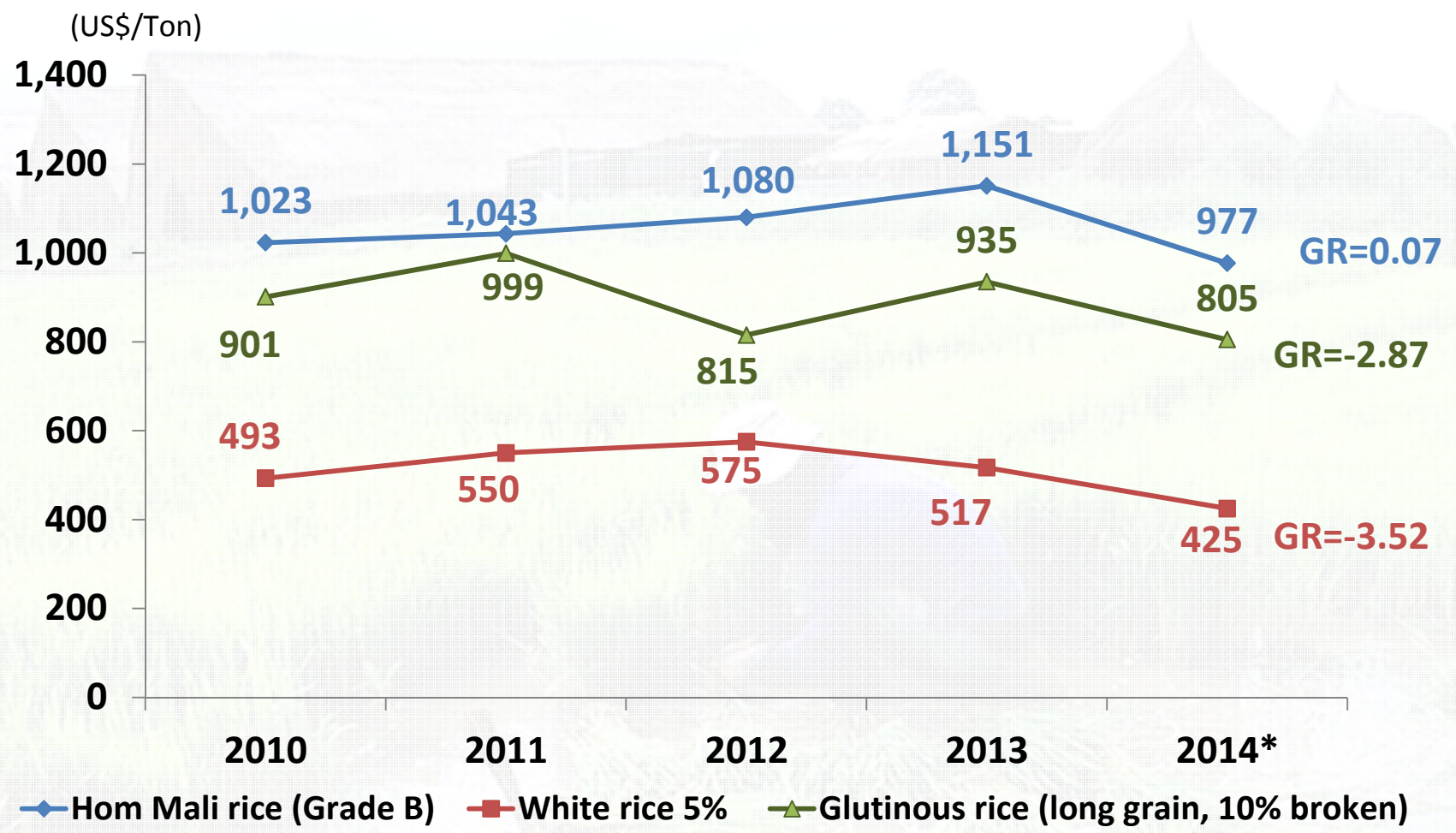


\*Average of Jan-Nov 2014



# 1. Rice Situation

## 1.4 Export Price (FOB price)

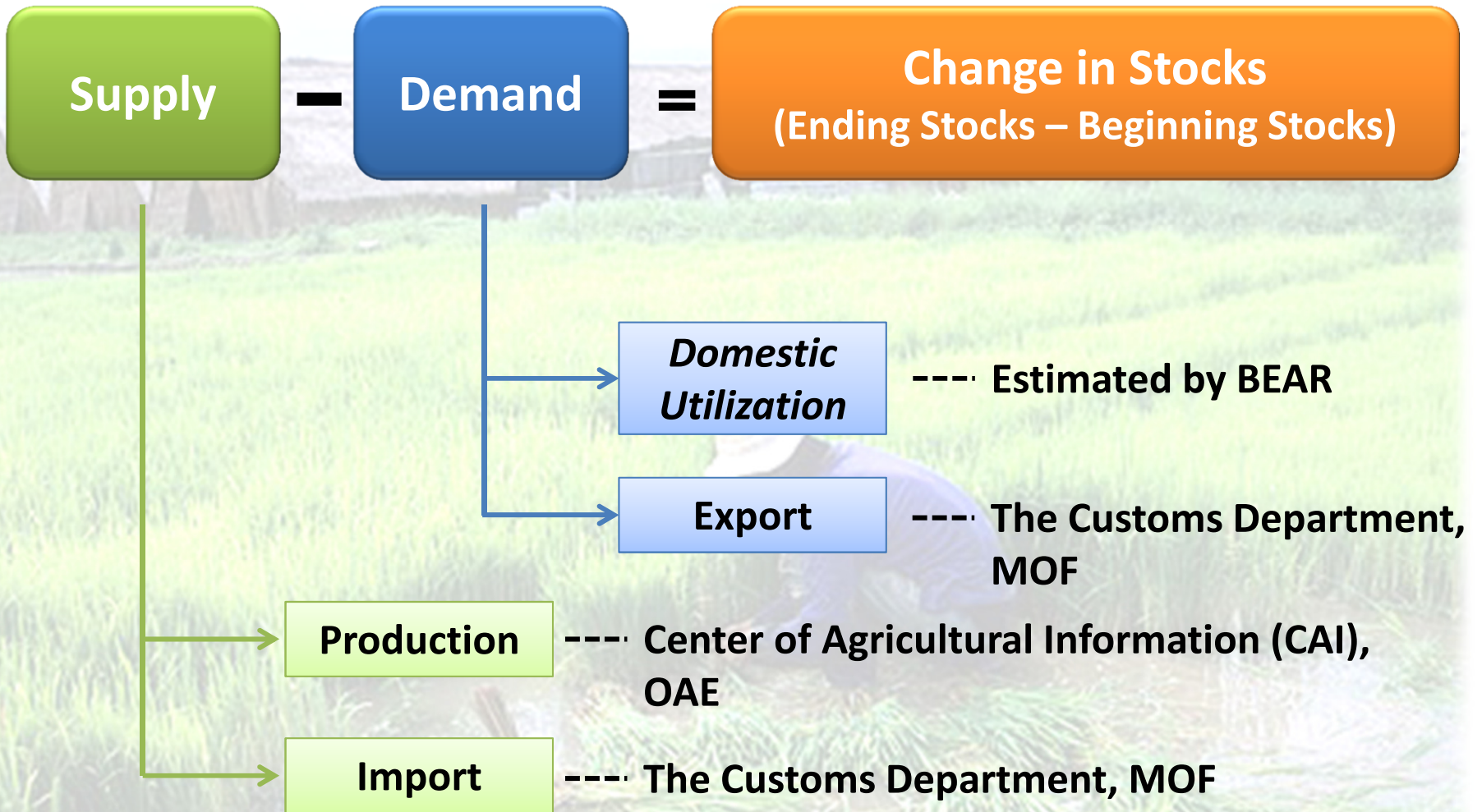


\*Average of Jan-Nov 2014



## 2. Rice Stocks Measurement

### 2.1 Commodity Balance (Source of data)

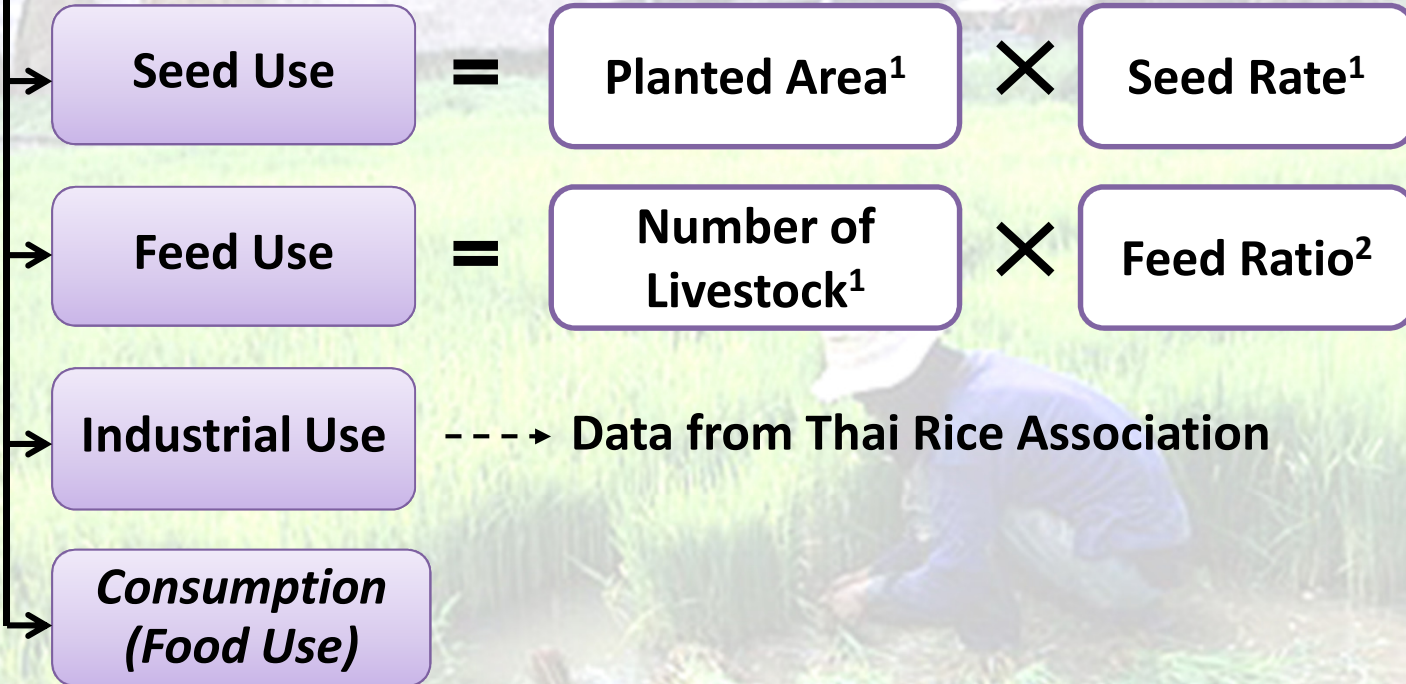




## 2. Rice Stocks Measurement

### 2.2 Domestic Utilization Estimation

#### Domestic Utilization



Data Sources: <sup>1</sup> CAI, OAE

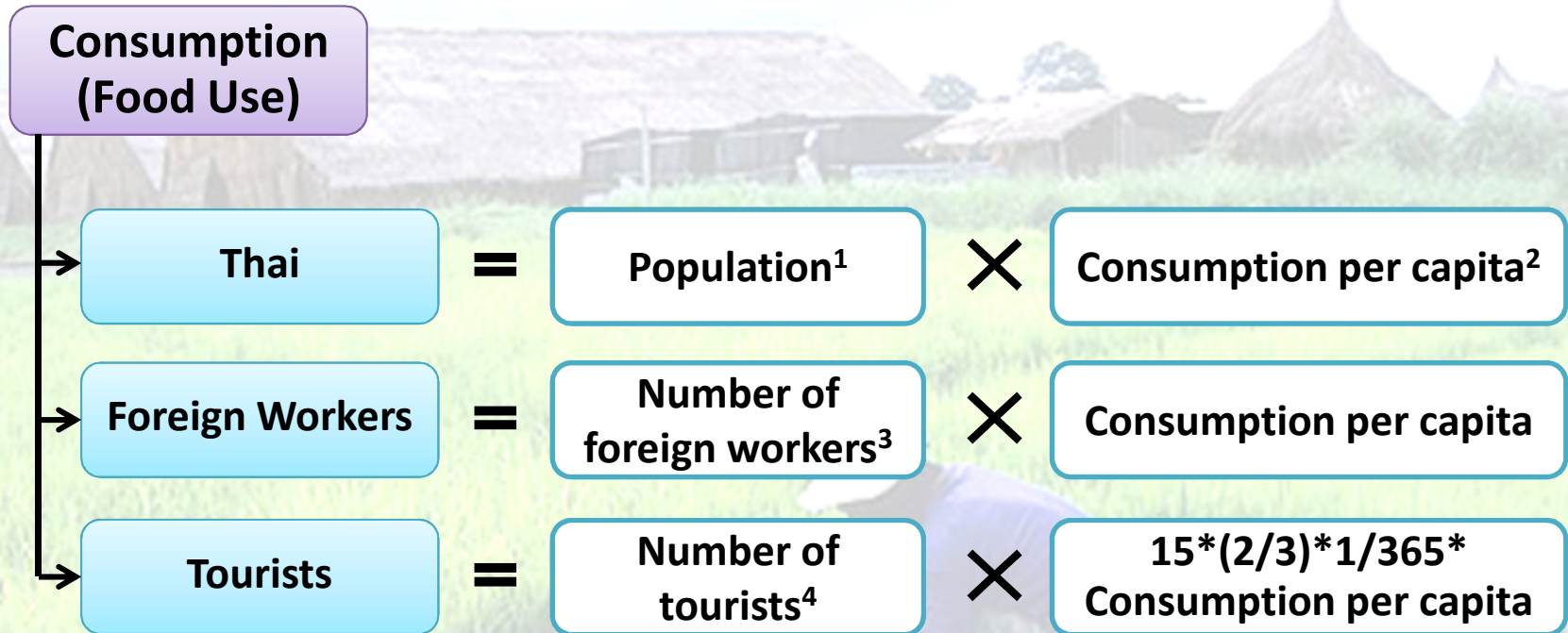
<sup>2</sup> Department of Livestock Development, MOAC





## 2. Rice Stocks Measurement

### 2.3 Consumption (Food Use) Estimation



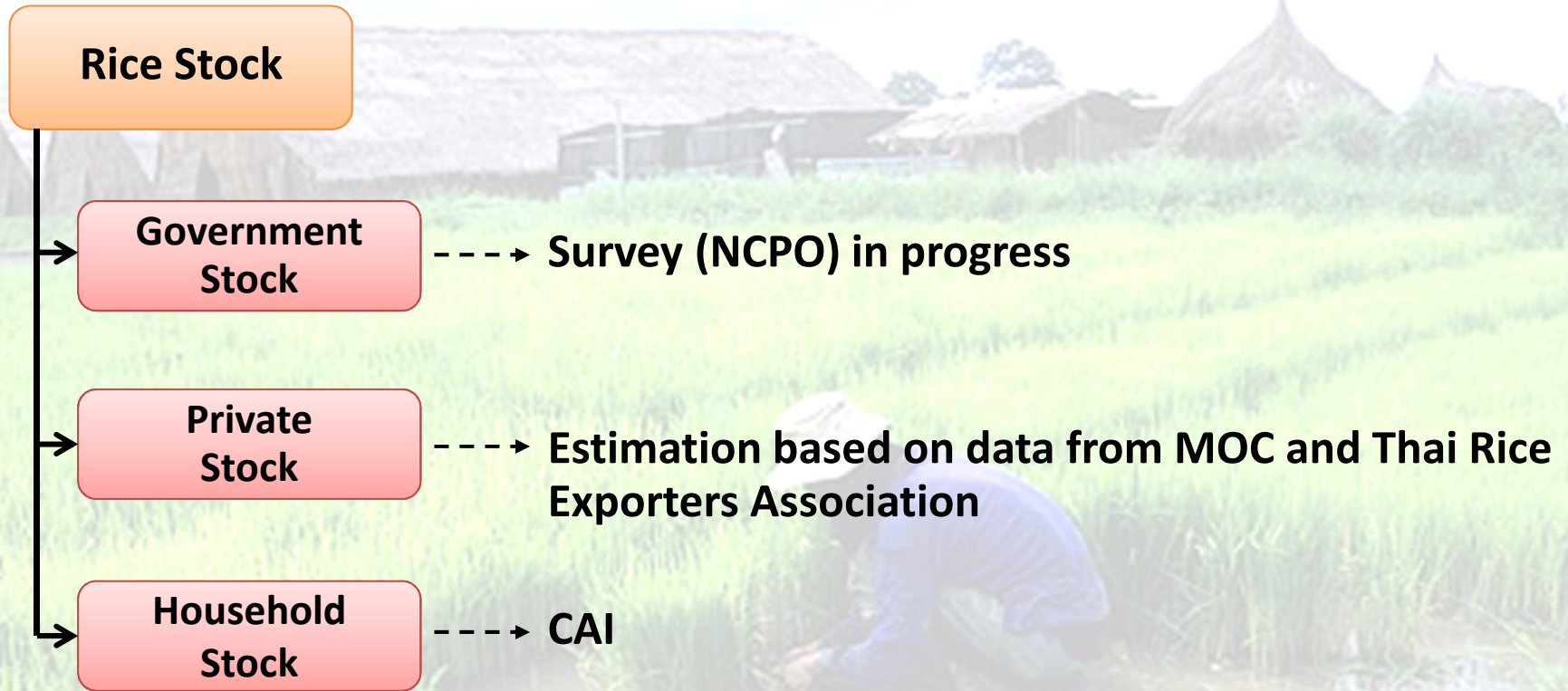
*Data Sources:*

- <sup>1</sup> Ministry of Interior
- <sup>2</sup> National Statistical Office
- <sup>3</sup> Ministry of Labor
- <sup>4</sup> Ministry of Tourism and Sports



## 2. Rice Stocks Measurement

### 2.4 Stock Data





## 2. Rice Stocks Measurement

### 2.5 Activity under the project

- **Consultant, rice utilization**
- **Start Date:**
- **Duration:**
- **Main Objective:** To provide expert advice to OAE in developing a data collection and sharing strategy for rice stock
- **Activities:**
  1. Review existing information on rice utilization in Thailand
  2. Develop a strategy for adoption of rice utilization data for residual approach



### 3. Limitations and Issues

- **Food Loss and Food Waste:** Lack of consideration on food loss and food waste can bring an overestimation of consumption.
- **Harvesting Loss and Post-Harvest Loss:** To improve the accuracy of data, those losses should be taken into account since it can affect the stock calculation.



**Thank you**

