



Challenges for Cambodian Rice Production

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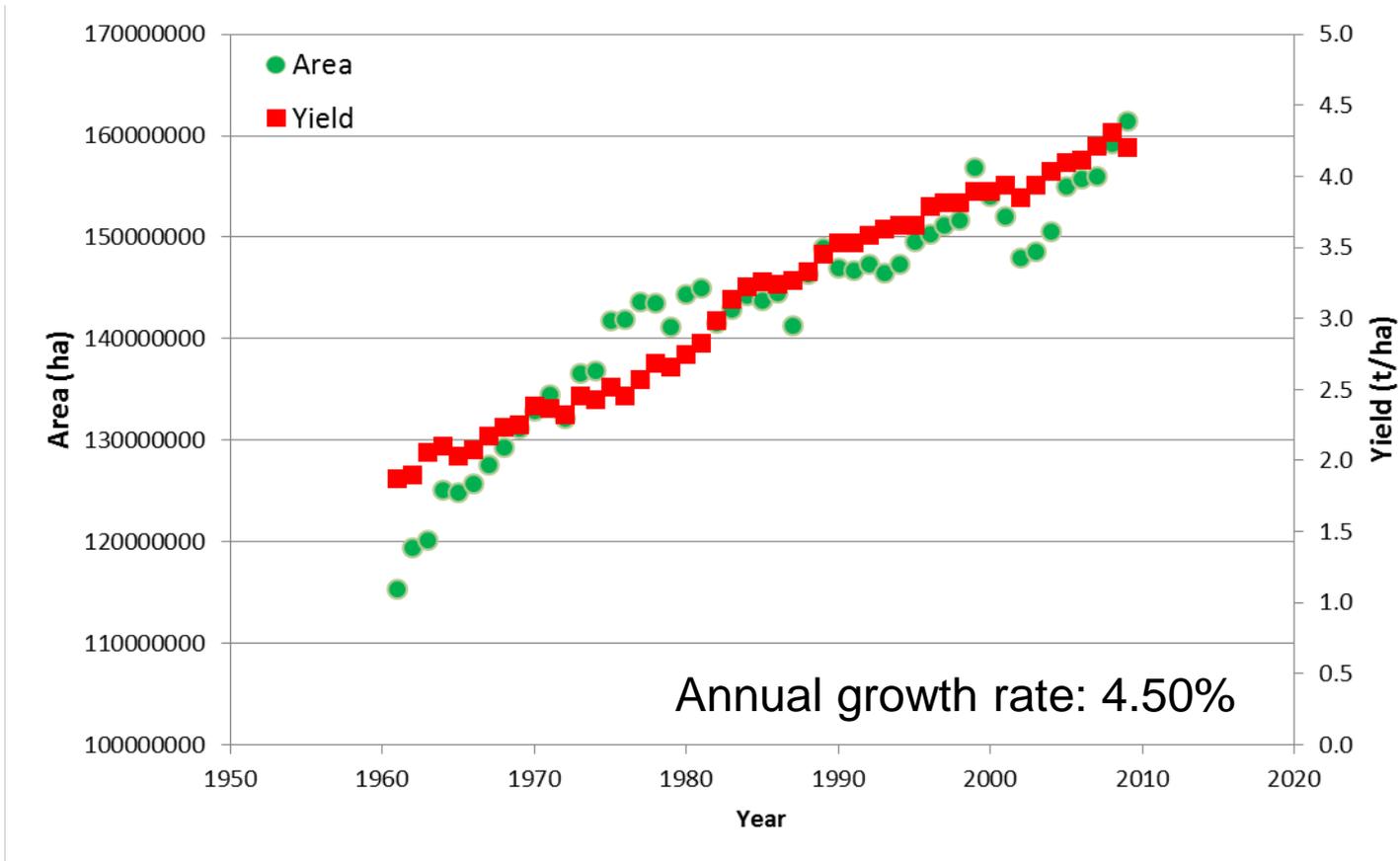


Overview

- **World rice production and price**
- **Regional rice production**
- **Increasing rice production**
- **Rice multiple cropping**

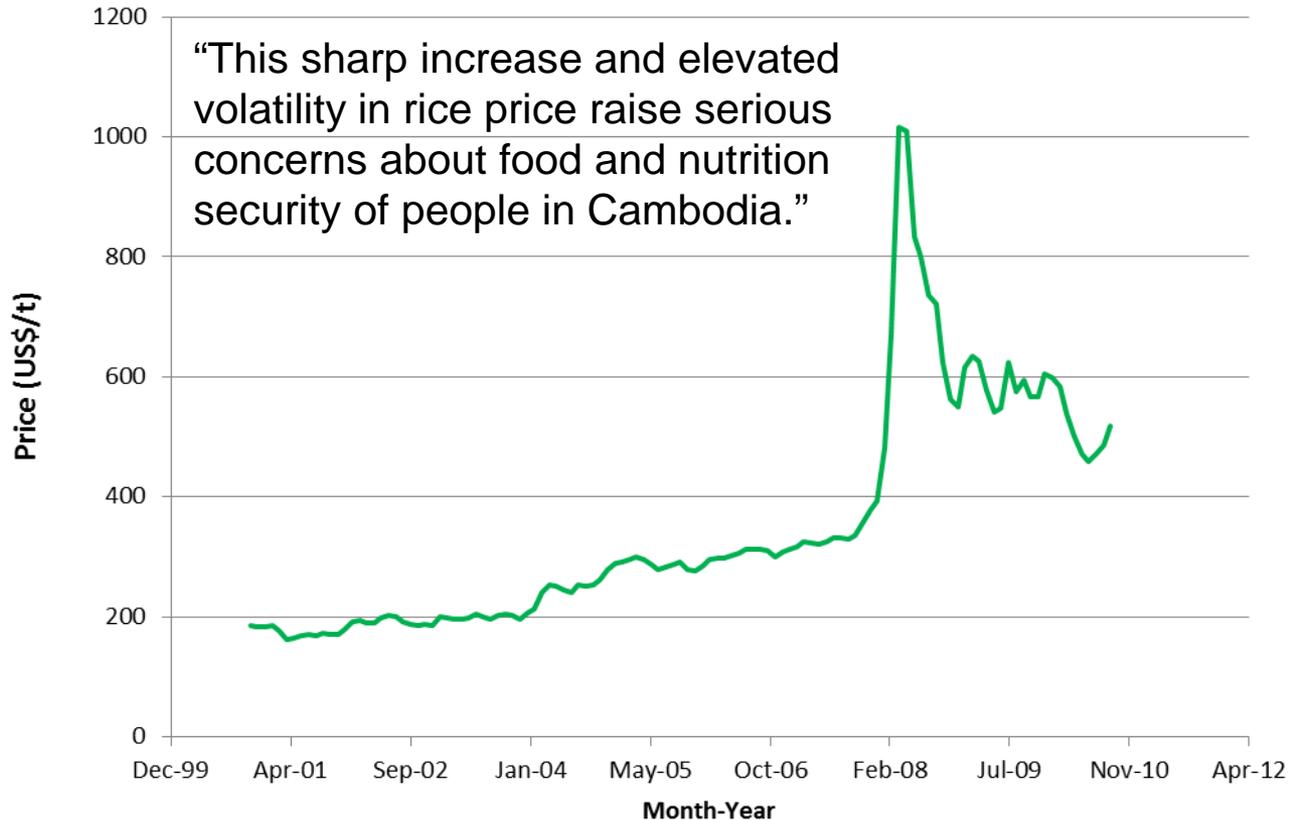


World Rice Production



Source: FAO, 2010: FAOSTAT

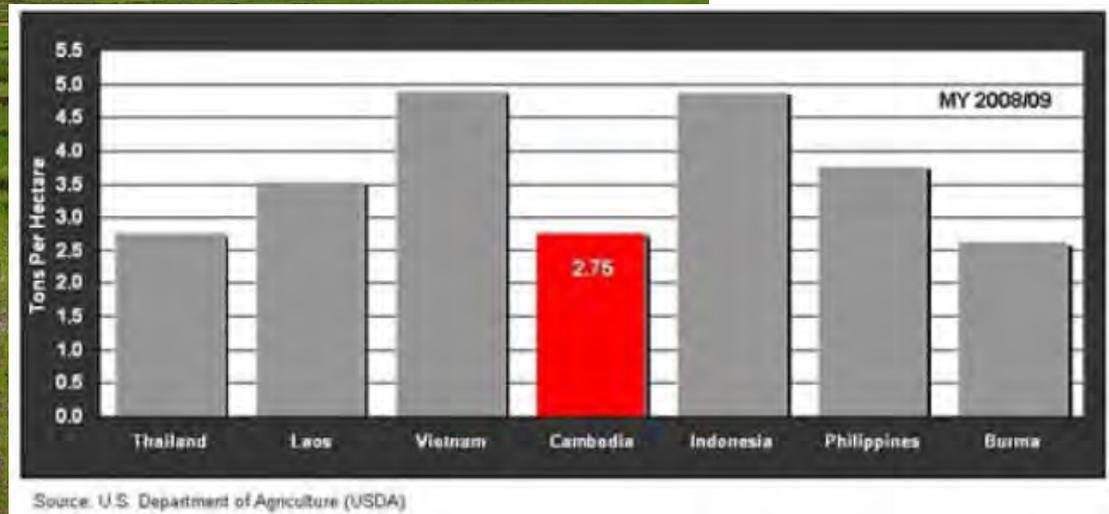
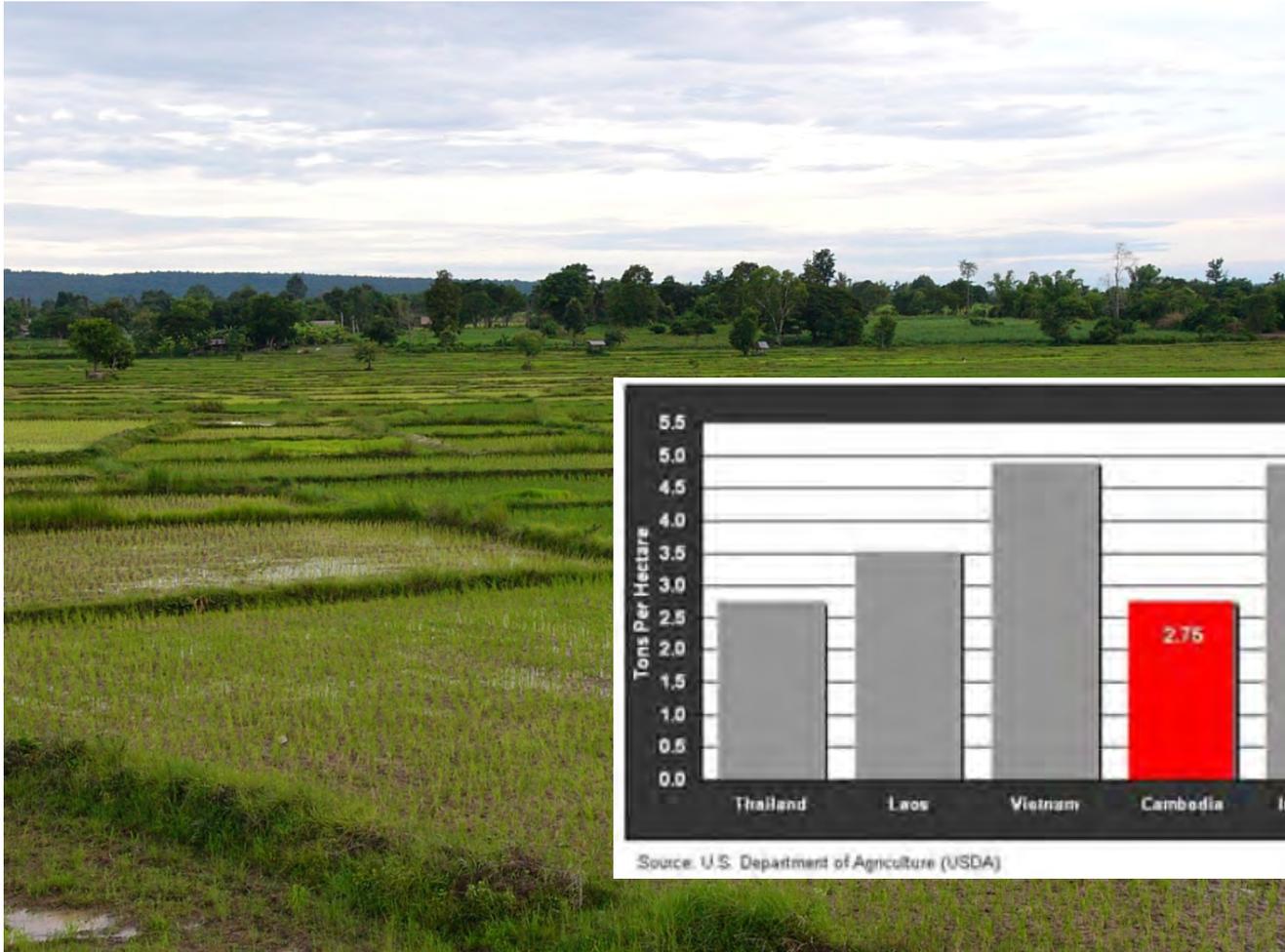
World Rice Price



Sources:

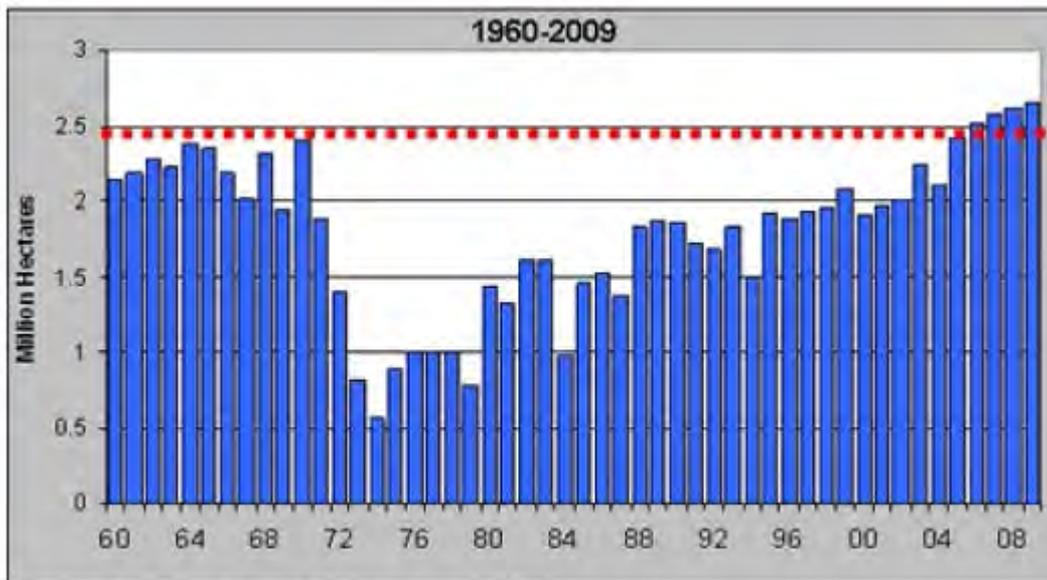
- International Monetary Fund, 2010: IMF Primary Commodity Prices
- Bingxin Y., Shenggen F., 2009: Rice Production Response in Cambodia, International Food Policy Research Institute, Washington.

Regional Rice Production

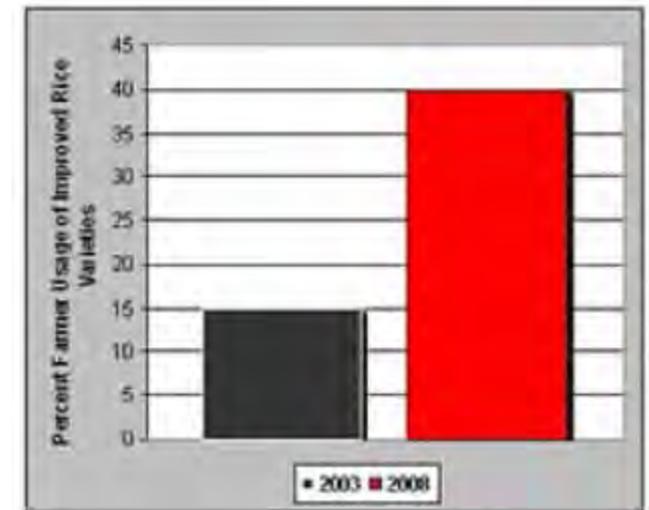


Rice Production Increase

- Expansion of cultivation area
- Adoption of high-yielding varieties



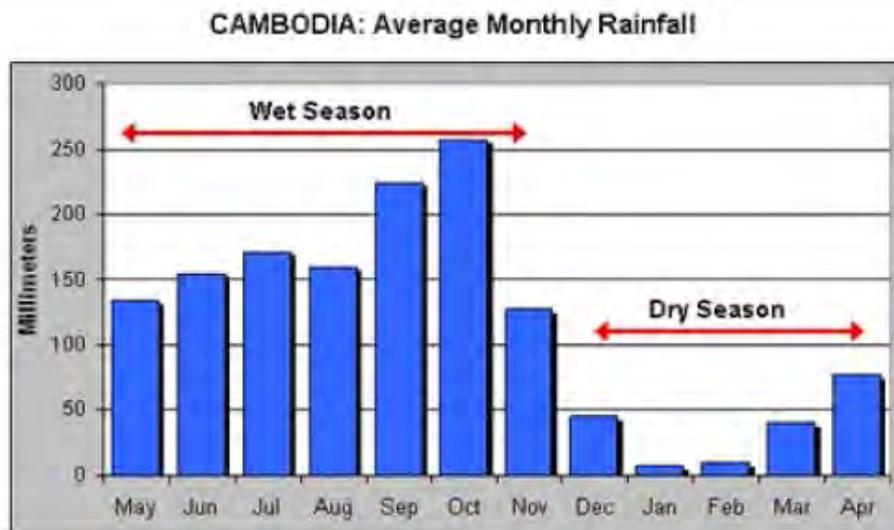
Source: U.S. Department of Agriculture (USDA)



Source: USDA, 2010: CAMBODIA: Future Growth Rate of Rice Production Uncertain

Rice Multiple Cropping

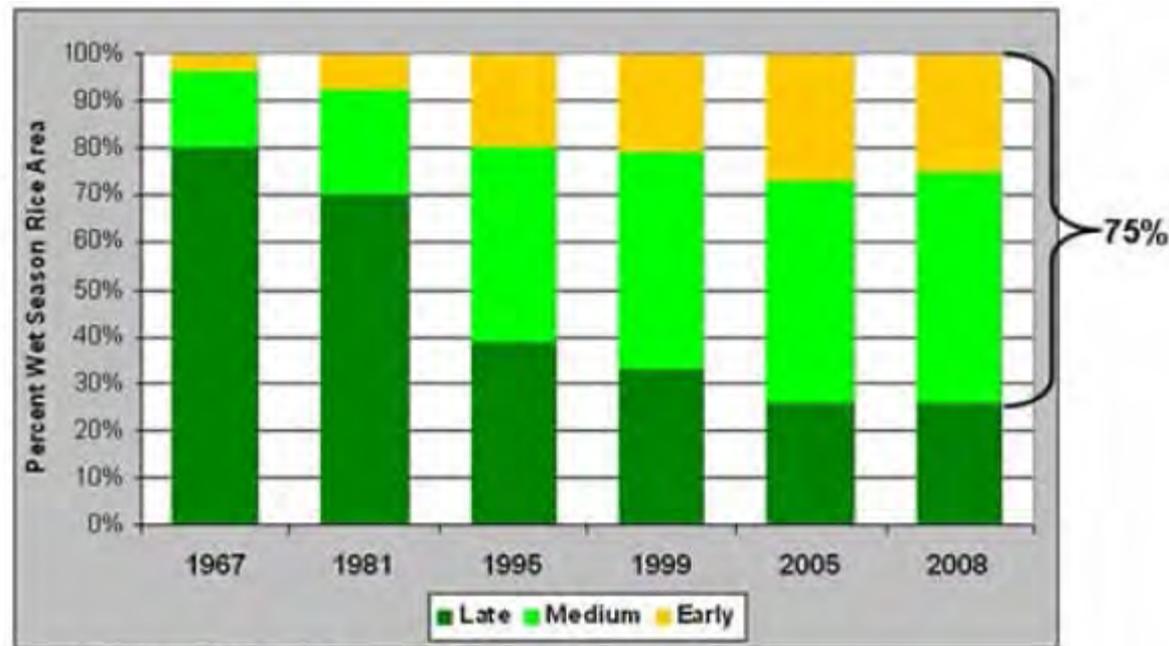
- **Sep-Nov: late rainy season**
- **May-Aug: early-medium rainy season**
- **Dec-Apr: dry season**



Source: USDA, 2010: CAMBODIA: Future Growth Rate of Rice Production Uncertain

Rice Multiple Cropping

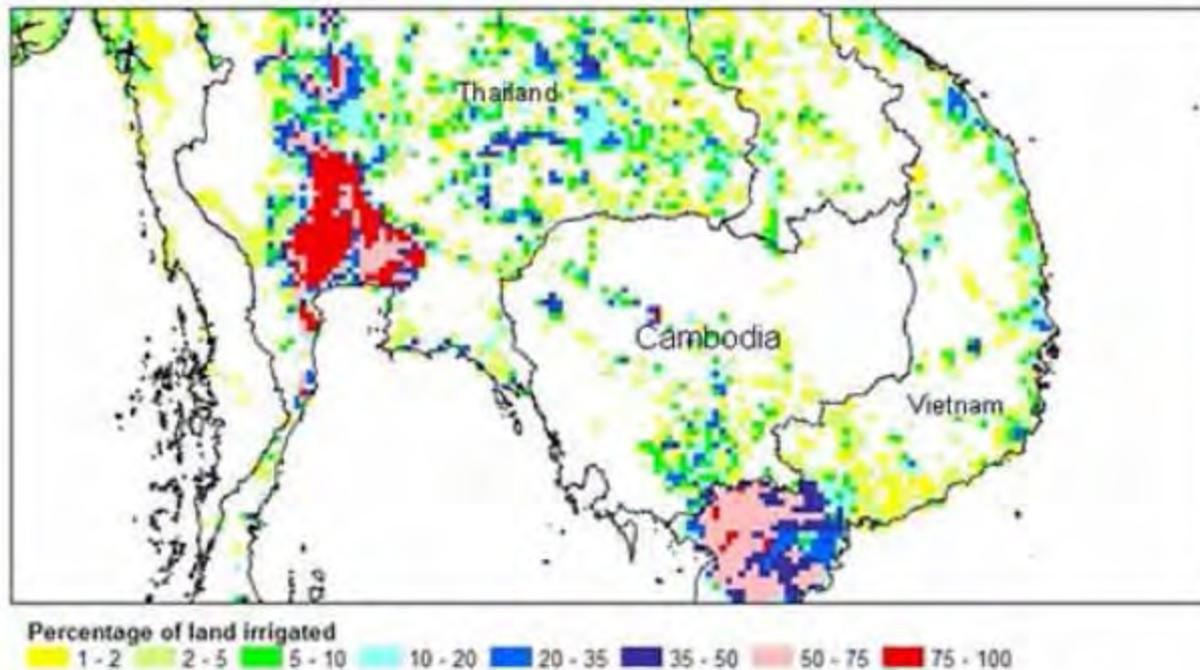
- Rainy-season double cropping



Source: Cambodian Agricultural Research & Development Institute (CARD)

Rice Multiple Cropping

- All-year triple cropping



Source: United Nations Food and Agriculture Organization (FAO) – Global Map of Irrigation Areas

Future Goals

- **Develop/rehabilitate irrigation infrastructure**
- **Improving seed availability (1.2% of area)**
- **Improve fertilizer availability and mechanization**
- **Establish a farm credit system**

