

Benefits of Plant Variety Protection System in the Cuu Long Delta Rice Research Institute (CLRRI), Vietnam

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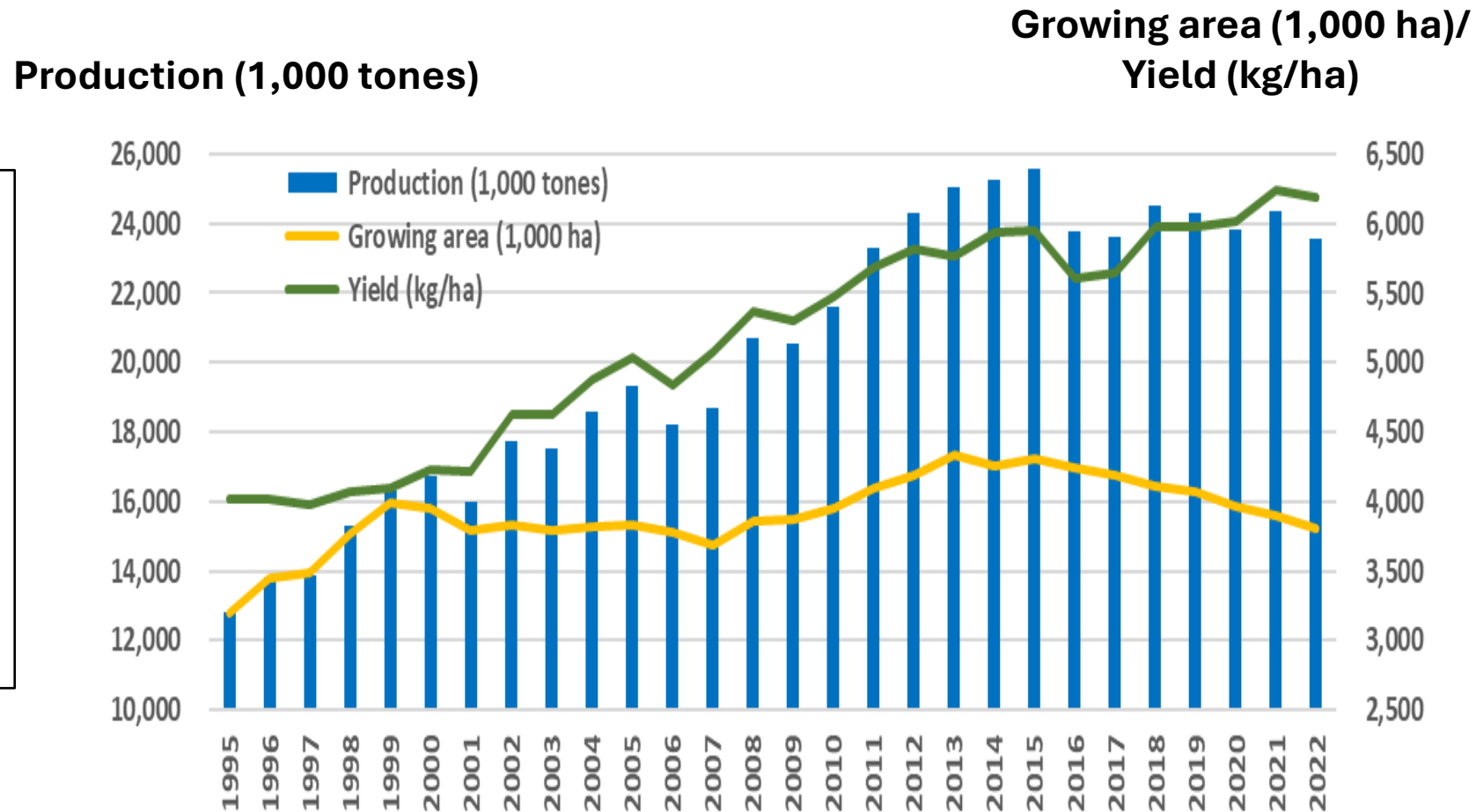


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Rice Production in the Mekong Delta of Vietnam

Facts:

- Population: 17.5 M
- Rice land: 1.78 M ha
- Rice grow. area: 3.82 M ha
 - Winter –Spring Crop: 1.50 M ha
 - Summer- Autumn Crop: 1.60 M ha
 - Autumn- Winter Crop: 0.72 M ha



- The Mekong Delta accounts for over 50% of Vietnam's total rice production and 90% of its rice exports.

Cuu Long Delta Rice Research Institute (CLRRRI)

Pioneering Rice Research

The institute, founded in 1977, leads research on rice cultivation to advance Vietnam's agriculture sector.



Development of Superior Varieties

- Focus is placed on high-yield, disease-resistant rice varieties to increase productivity and crop resilience.
- It has released more than 150 rice varieties over 50 years

Sustainable Agriculture and Food Security

The institute's innovations support sustainable practices, improve farmer livelihoods, and enhance food security in the Mekong Delta.

Rice Breeding and Release in Vietnam



1. Selection of
Parent Plants



2. Field Testing
and
Evaluation



3. National
Variety Testing
Program



4. Application
for Variety
Protection



5. Application
for Variety
Reslease



Key Benefits of Plant Varieties Protection (PVP) in Vietnam

Vietnam's Law on Intellectual Property (2005 and amended 2009, 2019 and 2022): (Article 185-189):

- *Ensures Recognition and Reward:***

Ensures the breeders and the holder of PVP's certificate proper recognition and rewards for their work and prevents unauthorized use of new varieties.

- *Protects Intellectual Property:***

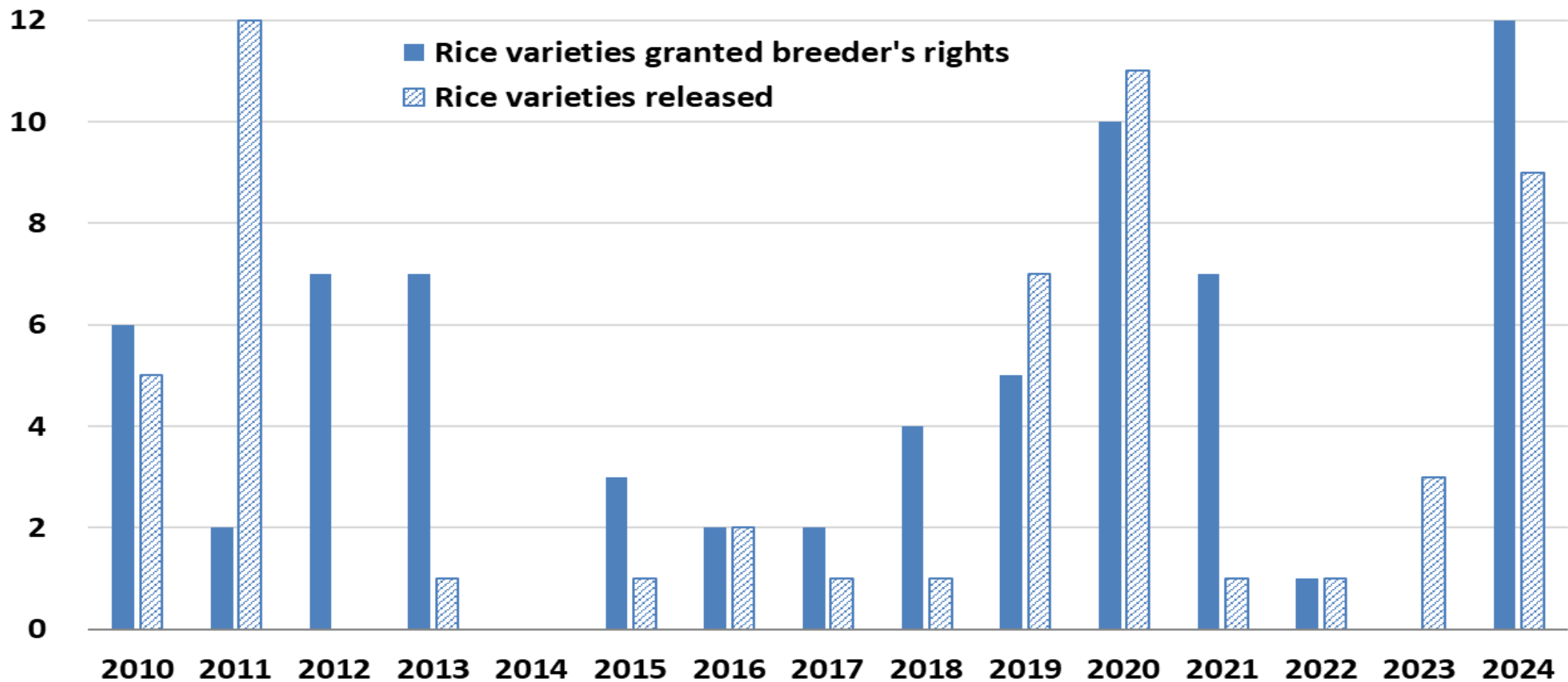
Safeguards research investments by protecting breeders' intellectual property rights over new plant varieties.

- *Promotes Innovation:***

Motivates institutions and scientists to develop new plant.



Number of varieties



- CLRRRI was granted the first breeder's rights in 2010.
- Between 2010 and 2024, 68 rice varieties obtained breeder's rights and 55 were released in Vietnam's Mekong Delta.

Key Benefits of Plant Varieties Protection (PVP) for CLRRRI

Attracts Investment

Enhances investor and partner confidence, leading to increased investment in rice variety development.

Fosters Research and Innovation

Encourages innovation by protecting breeders' rights, leading to the creation of improved rice varieties.

Promotes cooperation in research and technology transfer, driving innovation in rice breeding and agricultural practices.

Improves Quality and Biodiversity

Enables to set up more rice breeding programs for better rice varieties to meet requirements of farmers and consumers.



Key Benefits of Plant Varieties Protection (PVP) for farmers

Access to Advanced Rice Varieties

Allows farmers to use improved rice varieties, increasing crop yields and enhancing farmers' incomes.

Risk Mitigation for Farmers

Helps reduce threats from pests and climate change, providing more stable harvests for rice farmers.

Boosting Industry Competitiveness

Strengthens Vietnam's rice industry by enhancing competitiveness and supporting national food security.



Challenges and Opportunities

Low Awareness and Enforcement

Limited awareness among farmers and stakeholders hinders effective enforcement of Plant Variety Protection laws, affecting compliance and benefits.

High Registration and Maintenance Costs

Expensive registration and maintenance processes discourage participation in the PVP system, limiting the pool of protected varieties.

Market and Cooperation Opportunities

Expanding markets for protected rice varieties and fostering international cooperation can boost innovation and economic growth.



Thank you !

