

PLANT VARIETY DEVELOPMENT IN LAO PDR

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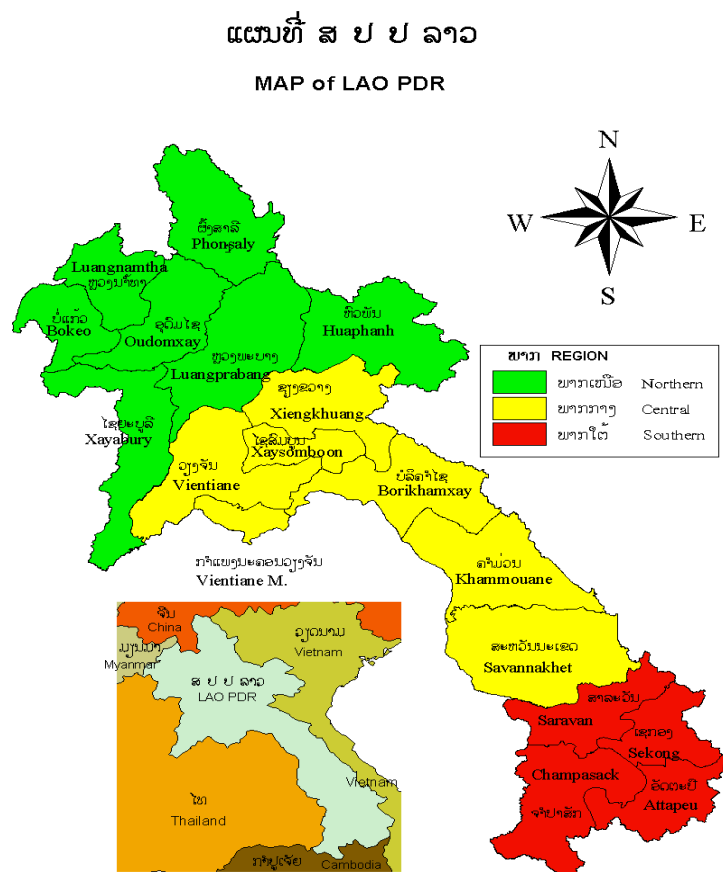
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Contents of Presentation

1. Agriculture Situation in Lao PDR,
2. National PVP Legislative Field,
3. Cooperation Activities under EAPVP Forum in year 2015-2016,
4. Target and Action Plan in FY 2016.

1. AGRICULTURAL DEVELOPMENT IN LAO PDR



- Lao PDR covers area of 236,800 km²
- Population is about 6.8 million (In 2015);
- Cultivated land covers about 2 million ha (5%), rice is occupying 60-70%
 - Maize
 - Cassava
 - Fruit and Vegetable

- ❖ Lao PDR is largely an agrarian society with 80% of people living in rural areas.
- ❖ Major crops in the country are mainly rice, maize, Cassava, grain legumes, oil seeds, root and tubers, coffee, cotton, fruits, nuts, vegetables, tobacco, and others...



Government Policy:

The state promotes, encourages persons, juristic persons, organizations to invest in developing and controlling plant variety with focus on construction of technical infrastructure, capacity building, research and development of plant variety.



Long term objectives towards the year 2020

- ❖ Improve productivity continuously by applying successes and advancement of world sciences and technologies in agriculture and forestry,
- ❖ Utilizing high quality seeds, tree species, so as to modernize gradually the sector of agriculture and forestry which constitutes firm basis for gradual industrialization.



IMPROVED RICE VARIETIES

1993: TDK1, TDK2

1994: PNG1

1995: PNG2

1997: TDK3

1998: TDK4, TSN1, NTN1

2000: TDK5

2002: TDK6, TDK7*, PNG3

2003: TDK8, TDK9*, TDK10, PNG5*

2009: TDK11*, TSN5*, TSN6*, TSN7* and Homesavan*

2010: Vientiane 450-1

2012: TDK1 sub 1

1ST RELEASED VARIETY OF HYBRID MAIZE “ VTE 450” IN 2011



Develop two new varieties of Soybean at ARC (S-ARC-1; ARC-2)



Cassava

Cassava:

- Collection (43 Acc)
- Evaluation of introduced variety from Thailand and Vietnam and in the 2005 were introduced 320 lines from Colombia and selected 6 promising lines
- Inter-crop study



Sweet Potatoes

- Germplasm Collection 22 , Characterization and Evaluation for Use (16Varieties)



2. National PVP Legislative Field

- Agricultural Law (No. 01/98 NA, Promulgated by National Assembly on 10 October 1998,). This law is now under improving/review process.
- **Law on Intellectual property (No. 01/NA, Date 20 December 2011).**
- Ministerial Decision on the implementation of the law on Intellectual Property concerning Patent and Petty Patent, No. 752/MOST date 20 September 2012.
- **Regulation on Management and Use of Plant Variety (Ministry Agreement, No.3919/MAF, 12 December 2012).**

Organization Chart related to PVP

**Ministry of Agriculture
and Forestry**

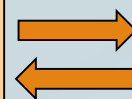
**Ministry of Science and
Technology**



DOA

NAFRI

**Independent
breeders**



DPR

**New Plant varieties
(breeders)**

(Plant Variety Copy Right)

**(Seed Certificate,
Variety Legislation,
DUS Test and Seed
Quality control)**

Department of Agriculture (DUS testing)



**Agronomy Management
Division**

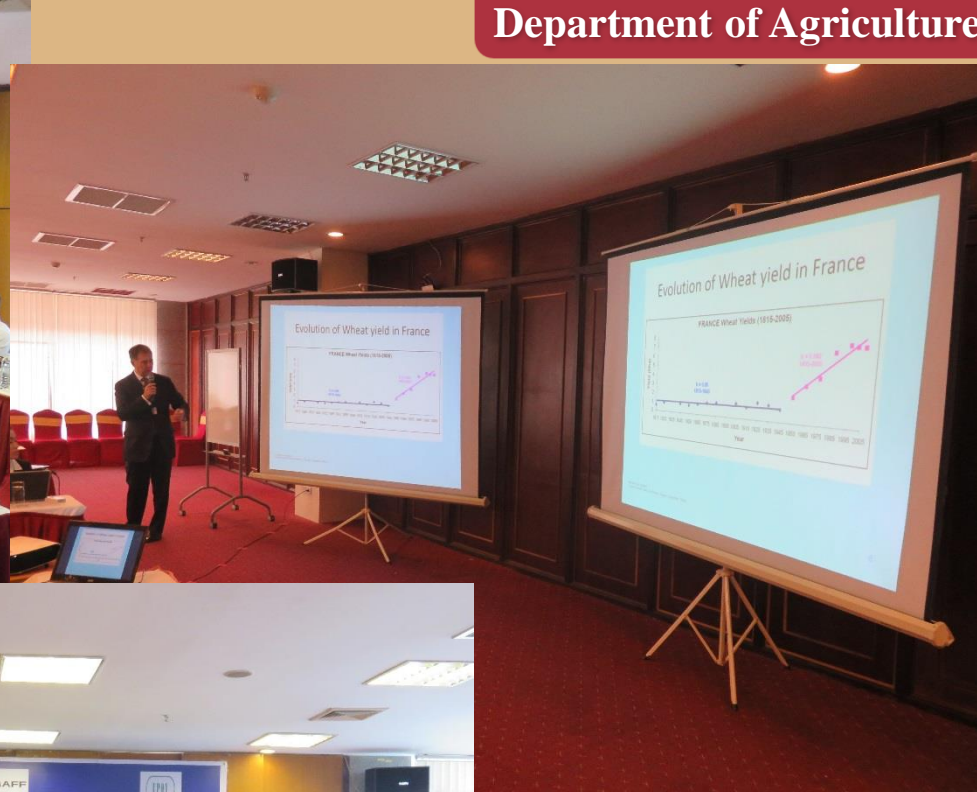


**Clean Agriculture
Development Center**





3. Cooperation Activities under EAPVP Forum in year In August 2015-August 2016



Awareness Seminar of Plant Variety Protection (PVP) Under the OPOV Convention, 7 December 2015, Vientiane capital, Lao PDR



**Training on Quality Control
System of seed and seedling
to facilitate Distribution of
High quality, 2015
in Japan,**



Training of DUS Test of Tomato on 30/11 to 3/12/2015, Hanoi, Viet Nam





**Train-the-Trainer Course on Plant
Variety Protection under the
UPOV Convention), 9-13 May
2016, Geneva, Switzerland**



**Training of DUS Test of Corn “August
1 - 4, 2016 Ho Chi Minh, Viet Nam**



Study Tour



**Workshop on Intellectual Property
& Seed Laws: Exploring Seed
Policy Options on 30-31 March
2016, Vientiane Capital,
Lao PDR**





Asia Seed Industry Development
Training 31 July-13 August
2016, Korea

4. Target and Action Plan in FY 2016

- Establishing the new plant variety registration system at the Ministry of Science and Technology.
- Establishing the DUS Test Center at the Ministry of Agriculture and Forestry.
- Seeking a cooperation in capacity building particularly in DUS examination and developing Test Guidelines,
- Strengthening PVP awareness among public and private sectors.

CLONCLUSION

- ❖ It is an overview of current situation on Intellectual Property as well as new plant variety protection system in Lao PDR.
- ❖ Therefore, it requires more assistance and exchange of experiences with other countries to improve the new plant variety protection system in our country.
- ❖ The protection of IP is now being given great attention as an incentive and encouragement for the promotion of innovation, investment, trade, economic and agriculture development of the nation.

THANK YOU
For your kind attention

