



Socialist Republic of Vietnam
Ministry of Agriculture and Rural Development
Department of Crop Production

Presentation on Seed Sector – Plant Variety Protection Component

Ms. Cam Thi Hang
Plant Variety Protection Office

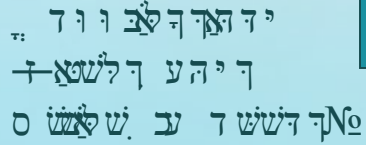
OUTLINE OF THE PRESENTATION

- HISTORY OF PVP
- IMPACT ON SOCIO-ECONOMY
- CHALLENGES AND NEXT PLAN

The background of the slide features a serene landscape with a calm body of water reflecting the surrounding misty mountains. A solid blue vertical bar is positioned on the left side of the image. The title text is centered horizontally and partially overlaid by the blue bar.

HISTORY OF PVP SYSTEM

- Decision and granting PVP Certificates



- Receiving propagating material
- Conducting DUS Test
- Submitting DUS Test Report after 60 days of finishing DUS Growing Test

NOMAFSI

Van Lam Station

Center for Plant Testing
of central region

The Western Hghlands
Agricultural Forestry
Sience Intitue

Southern Fruit Resarch
Institute

Fruit,vegetable
Research Ins.

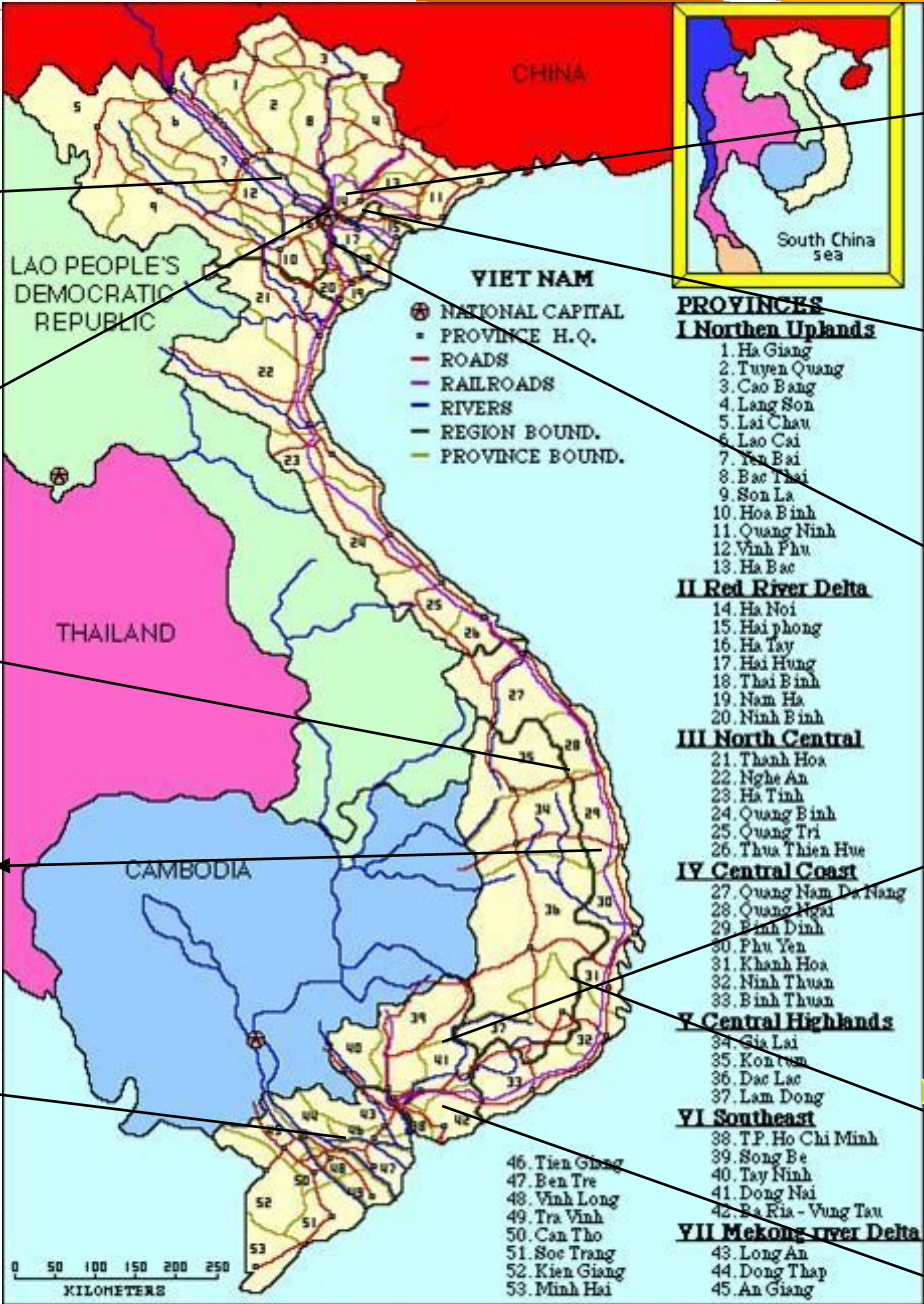
Plant resources
center

Tu Liem Station

Potato, Vegetable and flower
Research Center

Nha Ho Cotton and Agricultural
Development Intitue

Ba Ria Station



Source : World Bank, Viet Nam Assessment and Strategy, 1995

NUMBER OF VARIETIES CONDUCT TO TEST FOR DUS 5 YEAR RECENTLY

Plant	2015	2016	2017	2018	2019
Rice	120	116	124	98	96
Corn	48	47	52	38	29
Pumkin	0	0	2	3	1
Tomato	0	1	2	1	0
Cucumber	0	3	1	1	3
Kohlrabi	0	0	3	0	3
Soybean	5	2	1	4	5
Groundnut	15	6	11	4	1
Watermelon	0	0	1	1	1
squash	0	0	0	4	1

Brasscica 3, lufa 1, gourd, lettuce, okra, ...

Fees for PVP (Circular 207)

Filing (Million VND)	For DUS - 1 Var./1Appli (Million VND)	Maintaining of Certificate (Million VND)
2	<ul style="list-style-type: none"> ✓ Rice: 24 ✓ Maize: 15 ✓ Peanut: 18 ✓ Soybean: 16 	<ul style="list-style-type: none"> ✓ The years from 1 – 3: 3 ✓ The years from 4 – 6: 5 ✓ The years from 7 – 9: 7 ✓ The years from 10 – 15: 10 ✓ From 16th to finish: 20

(1 USD is about 22,300 VND)

* *Way of payment.*

✓ First year: when receive Certificate

✓ From next years: First day of the year for effective of Certi.

- ✓ Operating the system under UPOV Convention
- ✓ Exploit the benefits of the system



Implementing PVP System under UPOV Convention

- ✓ Organizations to implement: PVPO/DUS Test Office
- ✓ Drafting Legislation Document (Law, Decree...)

Establishing National PVP system and Preparations to join UPOV

2000-2006

2007-NOW



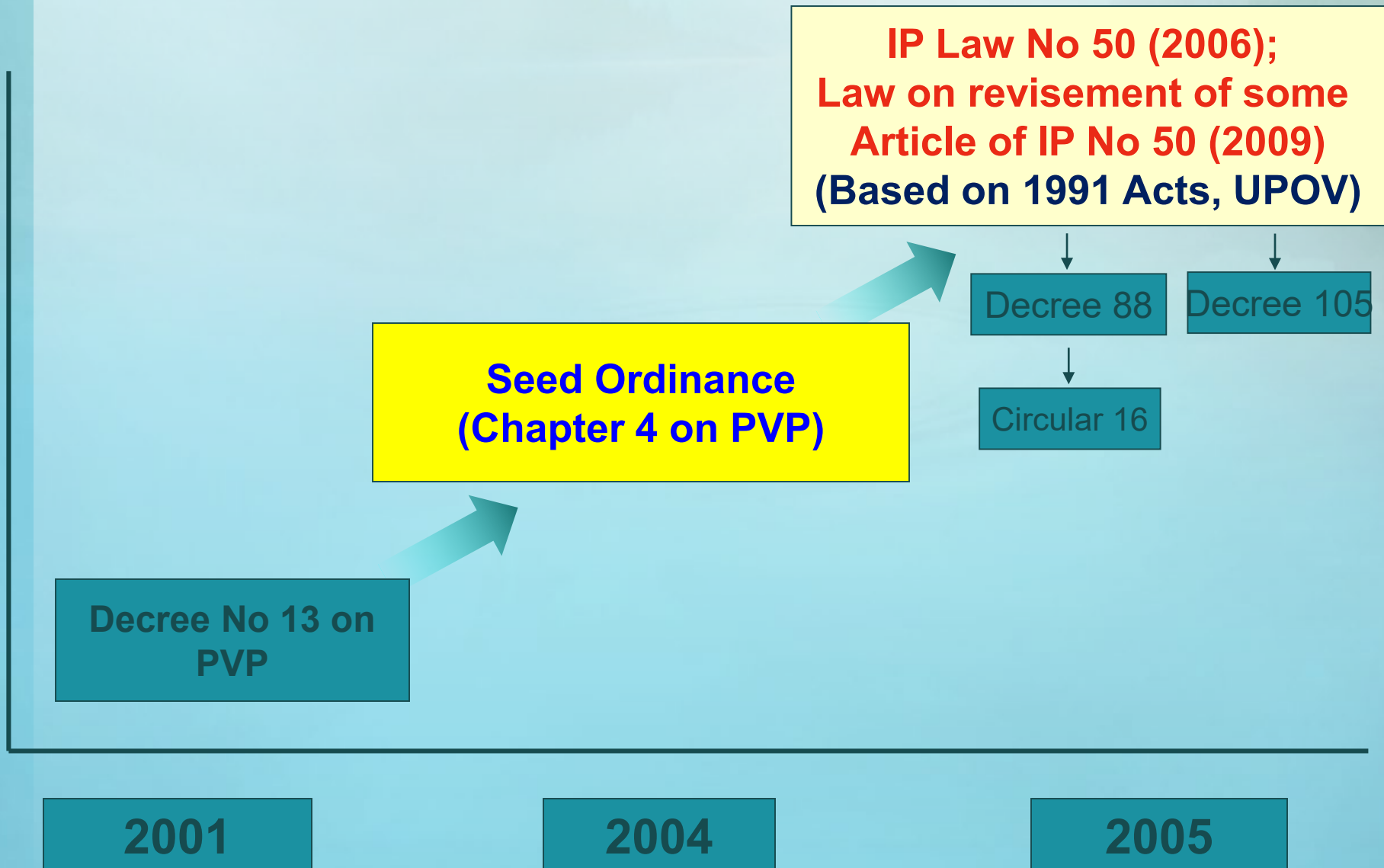
Study the real conception of PVP

1995-2000

- ✓ Dispatching staffs to Overseas
- ✓ Invite Experts from experienced countries and UPOV
- ✓ Seminars/ Workshops on PVP for relevant persons



Legislation on PVP



A background image showing a calm lake reflecting misty, forested mountains under a soft, hazy sky. The overall color palette is cool, with various shades of blue and green.

IMPACT ON SOCIO-ECONOMY

א ש גה ל'הא | טיש ג'ה ט
ע'ש י'ה'ש'ט ל'הא



New rose can be more expensive
than old 10 to 15 times



Farmer produce under license from
Owners



Farmers: income is
increased

Example on Protected/non protected Varieties (National Seed Company – NSC)

Invest to Breeding (National Seed Company – NSC):

✓ Before 2006: 13,500 USD

✓ After 2006: 10.5 Million USD - 778 times

Items	Protected Varieties	Non protected varieties
Price of Seed (rice, USD/ 1 kg)	<u>1.42</u>	0.66
Price of commercial grain is sold by farmer (rice,VND/ 1 kg)	<u>6,500</u>	5,500
Average income in 1 ha for farmer (rice); USD	<u>1872</u>	1265
Benefits from seed of protected varieties	<ul style="list-style-type: none"> ✓ Better quality, productivity ✓ Better tolerance for bad climate and diseases, insect ✓ Reduce of invest for production 	<p>?</p> <p>?</p> <p>?</p>
π		

Farmers: Opportunity to be Breeder

Who are Plant Breeder in Vietnam?



Seed Quality and Service is improved by a new system

עֶרֶע חֶפ סטחֶה

Breeders

No Professional
distribution
system



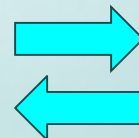
Farmer

Is not
professional,
Difficult on
Seed Quality
control

עֶרֶע פּחצטֶד

Breeders

License



Company

סִבֵּי דֵס הֶפּ



Good professional
distribution
system

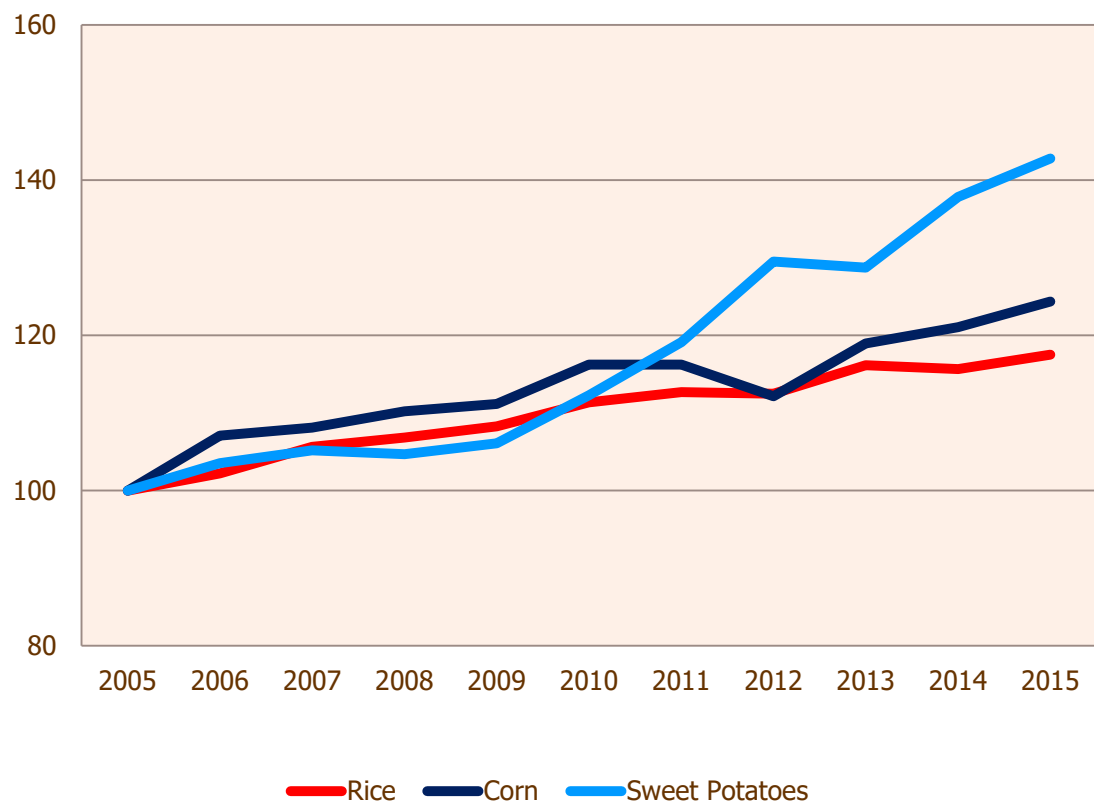


פֿאַרמער

Good service
for the farmer;
Better seed
quality due to
professional

Plant breeding in Viet Nam: Yield vs. overall productivity developments

Vietnamese yield developments over time: major arable crops (index, 2005=100%)



→ Per annum since 2005:

- rice: + 1.6 %,
- corn: + 1.8 %,
- sw. potatoes: + 3.6 %.

→ To compare, global yield increases are in the range of:

- rice: + 1.3 %,
- corn: + 1.1 %,
- sw. potatoes: – 0.3 %.

→ Can Viet Nam already be considered an out-performer?

Contributing to the success of big policies on agriculture from Government



נכסד דמסן סו זנדמ



עספו נפחצדע זחוכ נדיפסחפ



FOOD VALUE CHAIN



SAFE CROP PRODUCTION

Positive Impact to SMEs

- Before PVP: almost of them are trade company
(not interest in RD)
- When PVP system is established:
 - ✓ Beginning: they are licensed to exploit PBR from owner
(transferred)
 - ✓ They develop breeding facility
- Now, many of them have own breeding facility and become big with very good breeding facility.
- Increasing the ability on competition in global market.







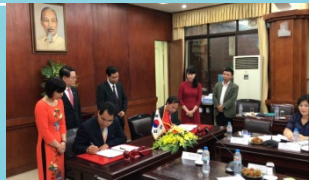
Consumer: Diversification of products on living



A serene landscape with a calm lake reflecting the surrounding green mountains and a clear blue sky. The water is still, creating a perfect mirror for the sky and the forested hills. The overall tone is peaceful and natural.

CHALLENGES AND NEXT PLAN

MOU on mutual accepting the DUS Test reports

Country	Signing date	Photos
Japan	August, 2007 April, 2016 (free of charge)	
France	January 2011	
The Netherlands	March, 2011	
EU	May 2011	
Singapore	2016 VN provide DUS Testing service	<ul style="list-style-type: none"> ✓ Negotiation: Email ✓ Signing by each side then exchange through Post mail.
Korea	April, 2017	

Enforcement of PBR

- Difficults

- Percentage of Farmer is high with small scale
- PVP is new for the relevant office on enforcement

- Solutions

- To improve aware on PVP to the relevant persons by
 - ✓ Seminar/workshops
 - ✓ Publications
- Building the cooperation between PVP and Associations as Seed Association and others

To promote of International Cooperation

- Cooperation on examination of application (UPOV and EAPVP Members) – To make more effective system
- Sharing experiences with region countries
- Harmonization on technical and administrative procedures



9th Meeting of EAPVP
(Hanoi 6th September 2016)



Sharing experience with regional countries

- Under the cooperation with UPOV, EAPVP and other Members, implementing some activities:
 - ✓ Seminar on PVP
 - ✓ Training in Vietnam
- Providing the service of conducting DUS Test for some crops to other country.



Thank you for your attention

➤ Detail Information:

➤ PVP Office

✓ Room No 106, 107 A6 Build.

No 2 Ngocha Badinh, HANOI

✓ Tel: (844)38435182;

✓ Fax: (844)37342844

Website: <http://pvpo.mard.gov.vn>

