



PVP AND DUS SYSTEM IN VIETNAM

Training course on TG for Maize

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Nay Pyi Taw, January 22-26th 2018

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PVP SYSTEM IN VIETNAM

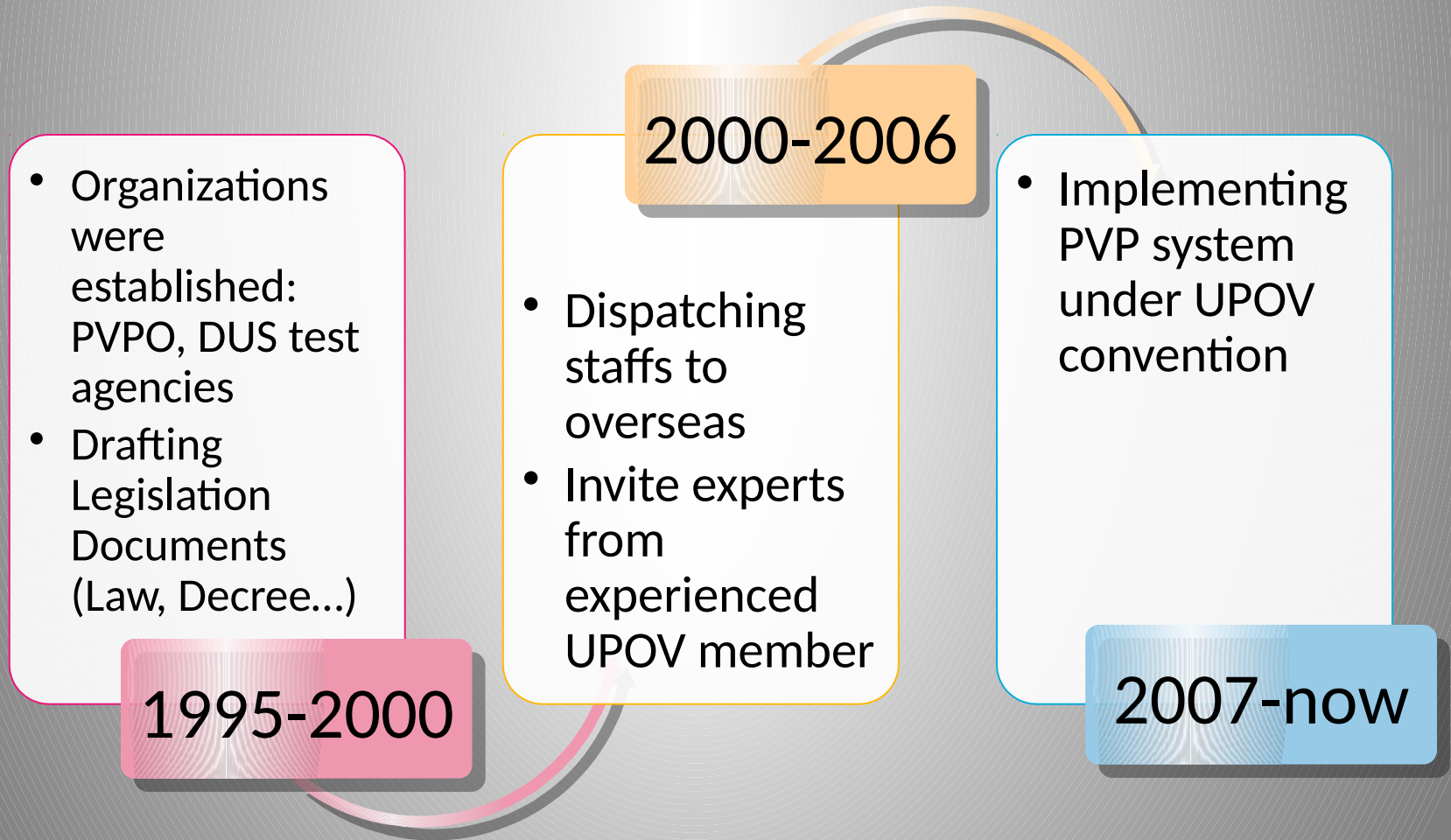
BACKGROUND OF PVP

Basic information of PVP

- Vietnam is a agricultural country, population is about 93 millions (70% of population are agricultural workers). So plant variety is extremely important.
- Vietnam became 63rd member of UPOV on December 24th 2006 ☑ protect all species up to now ☑ opportunities and challenges
- We have a total of 893 applications by the end of 2016, 380 of which are certificated




HISTORY OF PVP





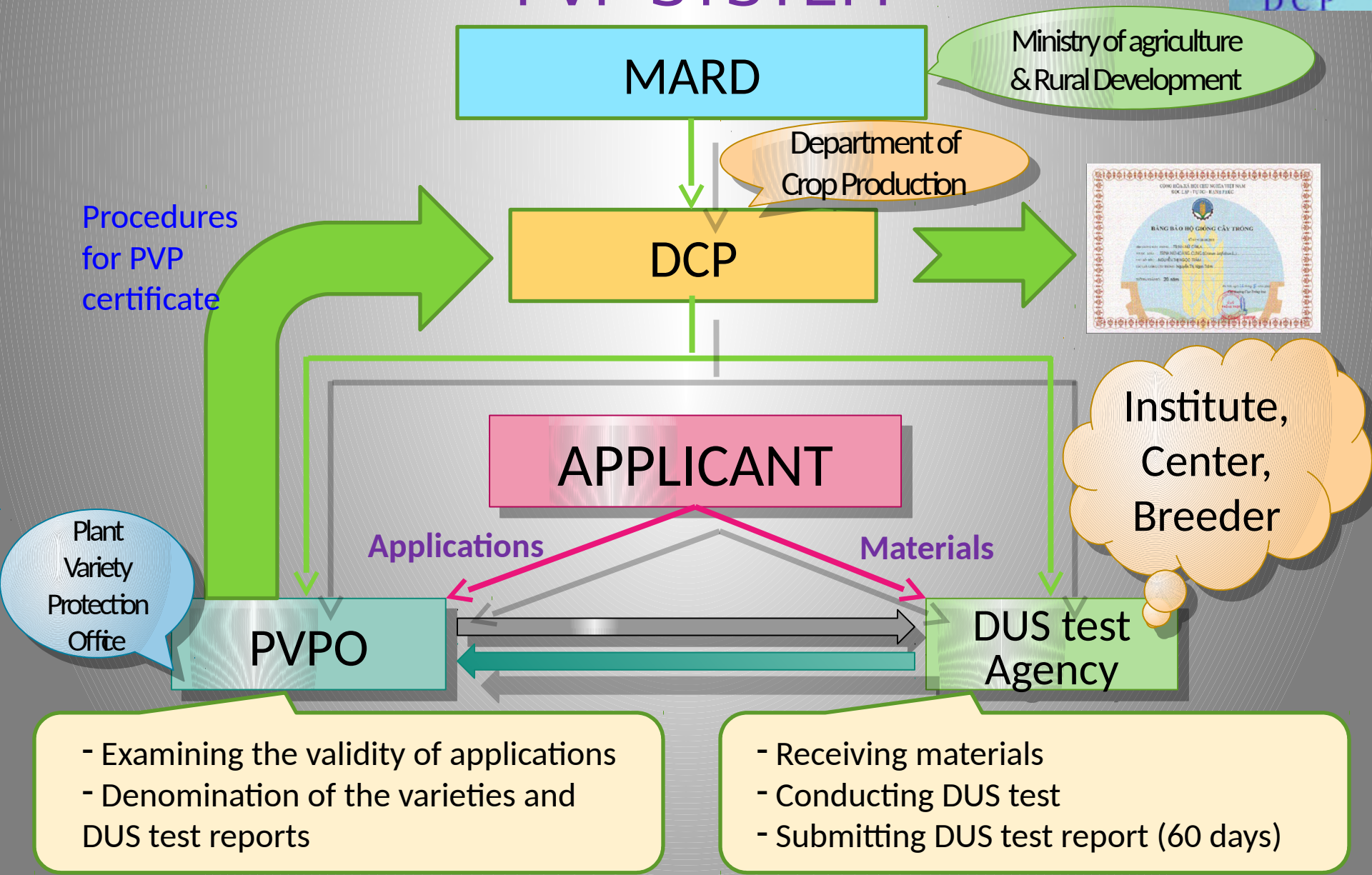
The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory

- Fully UPOV member since 24th December 2016
- Protect all species and genera  opportunities and challenges

BACKGROUND OF PVP



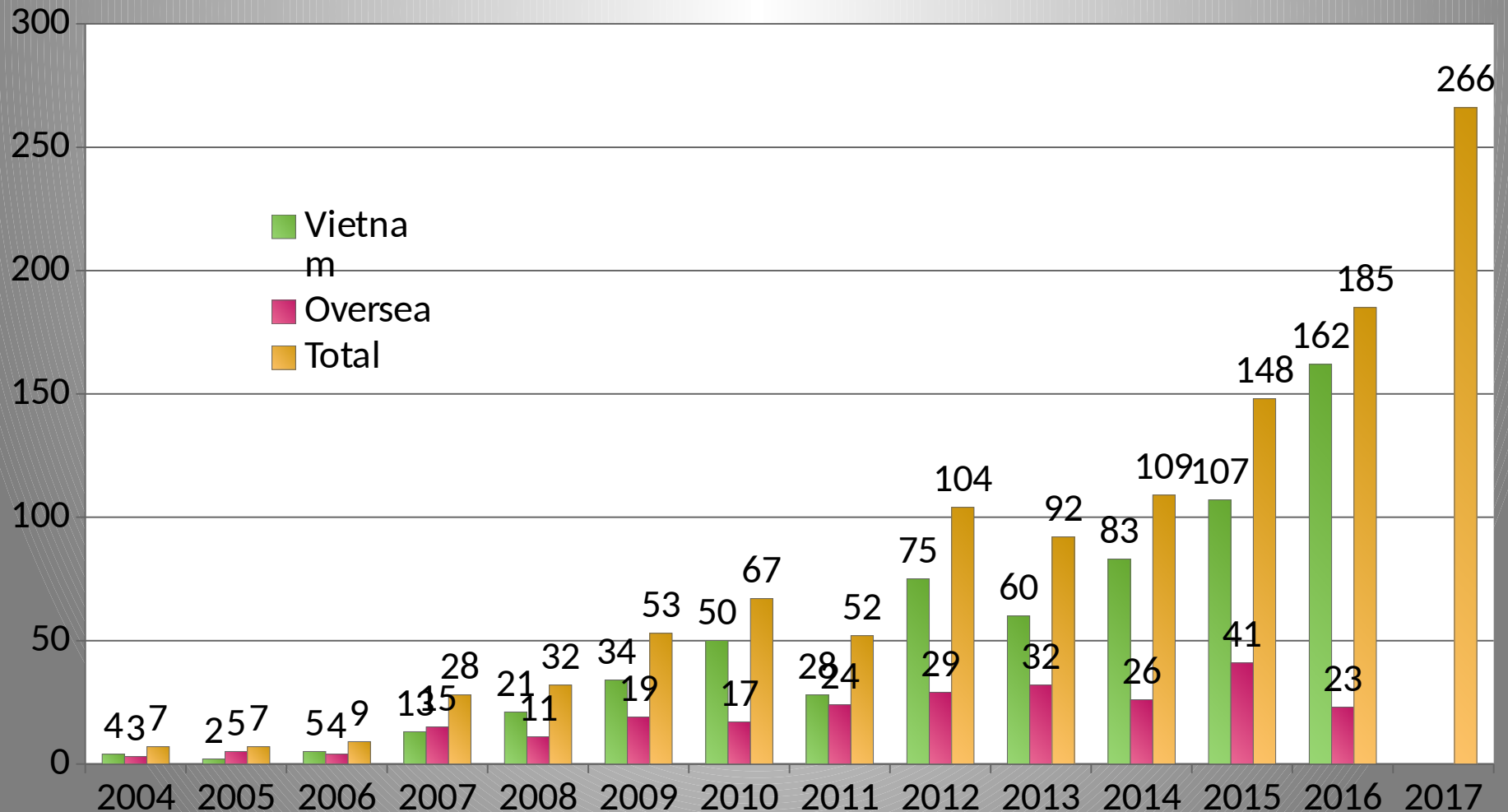
PVP SYSTEM



BACKGROUND OF PVP



Applications from 2004 to 2017



PVP Fees

No	Title	Unit	Fee (vnd)
1	Application form appraisal	01 time	2,000,000 (89\$)
2	Re - Application form appraisal	01 time	1,000,000 (45\$)
3	Maintainance		
	- From 1 to 3 th (year)	01 var/01 year	3,000,000 (133\$)
	- From 3 to 6 th (year)	01 var/01 year	5,000,000 (222\$)
	- From 7 to 9 th (year)	01 var/01 year	7,000,000 (311\$)
	- From 10 to 15 th (year)	01 var/01 year	10,000,000 (444\$)
	- From 16to the end (year)	01 var/01 year	20,000,000 (888\$)
4	Reinstatement of the effectiveness of plant variety protection certificate	Time	1,200,000 (53\$)
5	DUS test for seasonal crops	01 variety	8,300,000 (369\$)
6	DUS test for yearly crops	01 variety	11,000,000 (489\$)
7	DUS test for perennial crops	01 variety	24,000,000 (1066\$)
8	Breeder conduct DUS test		50% fee

DUS SYSTEM IN VIETNAM



DUS Test???



- ❖ **Distinctness:** The candidate variety must be clearly distinguishable from any other varieties in common knowledge (nation list).
- ❖ **Uniformity:** All of the plants of the variety in the same propagation stage must be sufficiently similar in all of their characteristics (There are acceptable number of off-types within the growing test field).
- ❖ **Stability:** The features of the variety will inherit through generations
- ❖ Novelty
- ❖ Denomination

Northern Mountain
Agricultural and forestry
Science Institute (tea)

NCPT (National Center
For Plant Testing)

Van Lam Station

Center for Plant Testing
In the Middle

The Western Highland
Agricultural & Forestry
Science Institute

Southern Fruit Resarch
Institute

Fruit,vegetable
Research Ins.

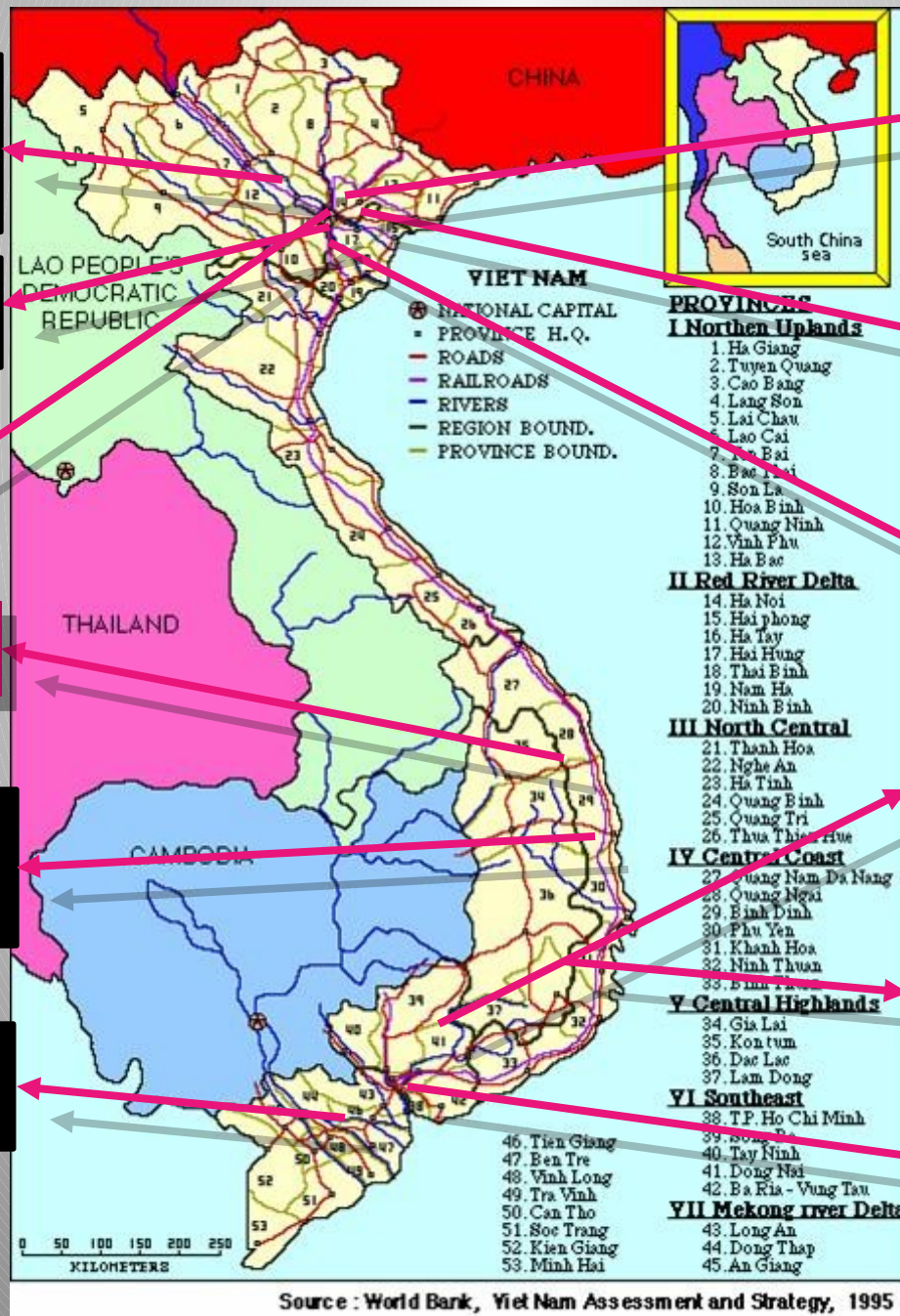
Plant resources
center

Tu Liem Station

Da Lat Research Center for
Potato, Vegetable and flower

Nha Ho Cotton and Agricultural
Development Institute

Center for Plant
Testing
In the South



Test Agencies

PVPO

**National Center for
Plant Testing (Headquater)**

**Tu Liem
Station**

**Van Lam
Station**

**Quang
Ngai
Station**

**Vung Tau
Station**

**Plant
Resources
Center
(PRC)**

**Fruit
and
Vegetable
Research
Institute**

NOMAFSI

**Nha Ho
Cotton and
Agricultural
Development
Institute**

**Western
Highlands
Agri-
Forertry
Sience
Institute**

**Potato,
vegetable
and
Flower
Research
Center**

**Southern
Fruit
Research
Institute**

Number of varieties conducted to test for DUS from 2011 to 2015 in NCPT

Plant	2011	2012	2013	2014	2015
Rice	97	111	102	123	120
Chrysanthemum	4	6	1	0	0
Tomato	0	1	2	0	0
Cucumber	0	4	1	0	0
Kohlrabi	2	2	0	0	0
Corn	35	47	31	35	48
Soybean	2	6	3	2	5
Groundnut	3	5	4	2	15
Watermelon	0	0	3	1	1
Potato	2	0	0	0	0

INTERNATIONAL COOPERATION

International cooperation

- Assistance Technical Cooperation by Member countries:
 - Japan (JICA, MAFF, EAPVP...)
 - Denmark (DANIDA)
 - The Netherlands
 - Australia
 - USA
- Technical assistance from experienced Members: training in Vietnam and in oversea; Experts dispatching
- Funding equipment for examination of application (Japan – JICA project and IP Australia, the Netherlands...)

International cooperation

- Under EAPVP Forum
 - ✓ Seminar in Myanmar (2012) and Lao PDR (2013) funded by UPOV and Japan
 - ✓ Rice DUS Training for ASEAN countries in Hanoi (2014)
 - ✓ Subcommittee Meeting on harmonization of descriptive orchids morphology and terminology (2014)
 - ✓ Training course for DUS of Tomato for ASEAN countries in Hanoi (2015)
 - ✓ IP Program with Lao PDR (2011-2013)
(Bilateral Cooperation)
- Sharing information on IP including PVP
 - Exchanging experience on establishment of PVP System
 - Workshop/Seminar in Hanoi and Vientiane
 - Study-tour/training in Vietnam
 - Establishment of filing PVP application system in Lao

PICTURES OF DUS TEST IN VIETNAM

Van Lam Station

Rice

Cabbage



Van Lam Station

Cucumber



Kohlrabi



Tu Liem Station

Corn



Soybean



Tu Liem Station

groundnut



tomato



Tu Liem Station

chrysanthemum

Small



Big



Diameter of disc.

Medium



Center for plant testing of central region

Watermelon



Center for plant testing of central region

Sugar cane



Southern East Station

Rice



Southern East Station

Long bean



Southern East Station

Chilli



Nha Ho Cotton and Agricultural Develop Science Institute

Cotton



Grape



Fruit, Vegetable Research Institute

Gerbera

Char.12- Flower: type



Single



Semi

Double



Double

Mango



Nothern moutain Agricultural Forestry Science Institute

Tea



Potato, Vegetable and Flower Research Institute

Potato



Rose



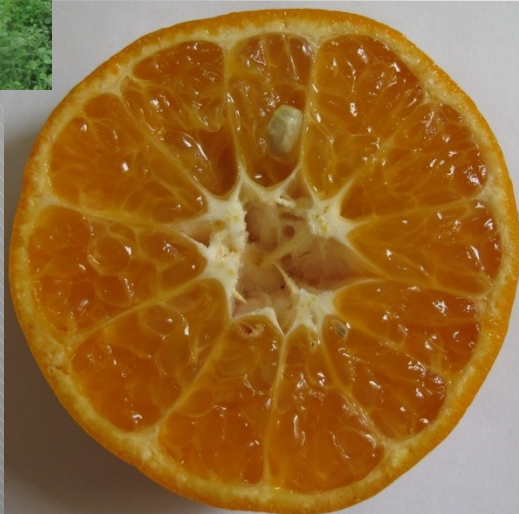
Plant Resources Center

cucurbita and ginger



Southern Fruit research Institute

Manderin



Orange

