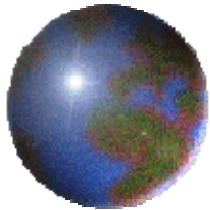


# Seed Regulations in Thailand



by

**Ms. Thidakoon Saenudom**

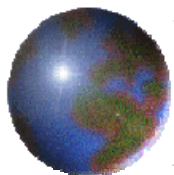
**Agricultural Scientist, Plant Variety Protection Division,  
Department of Agriculture, MOAC**

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**'Workshop for Cooperation and Development in Seed Industry'**

**October 12-16, 2009**

**Ramada Plaza Hotel, Suwon City, Republic of Korea**

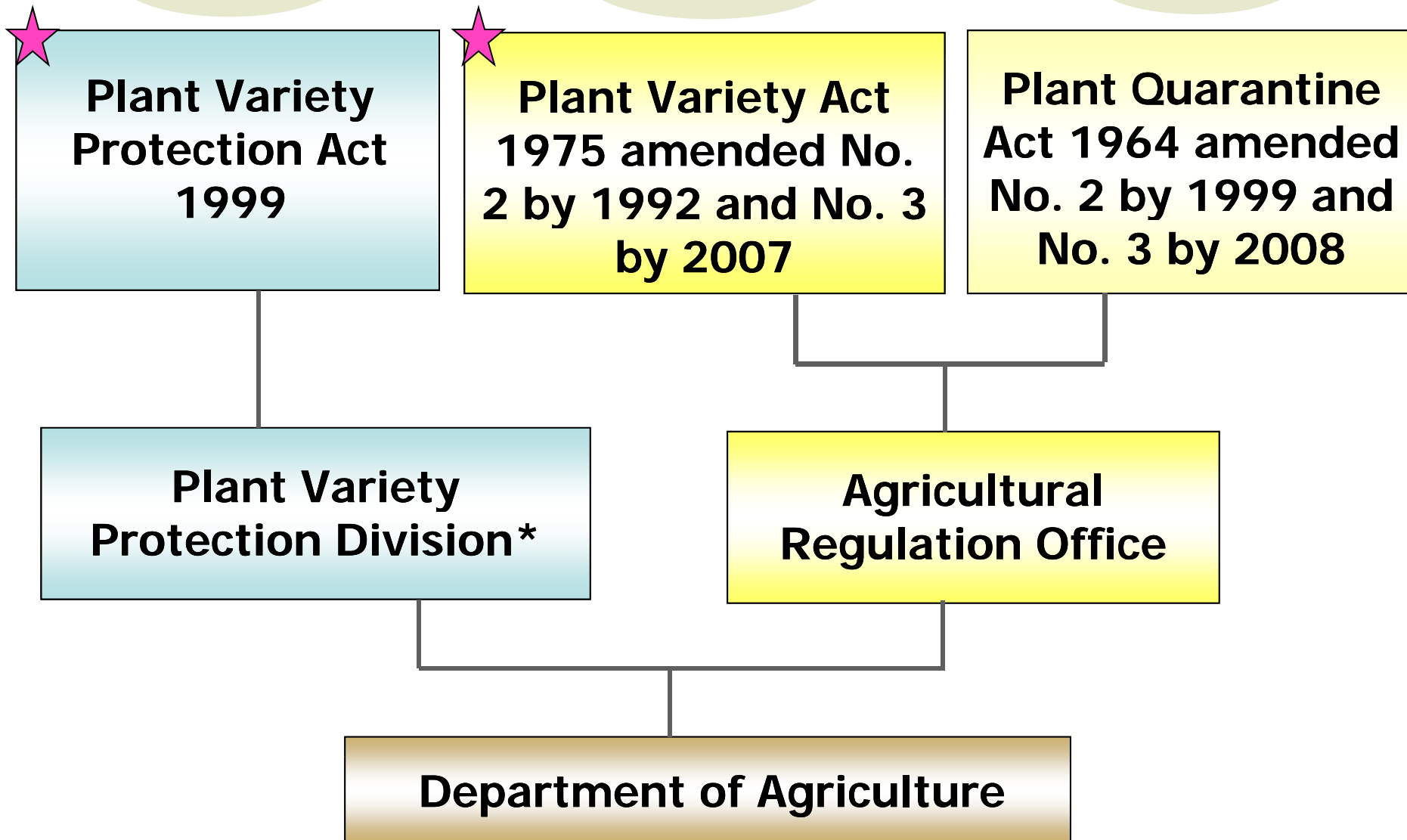


# Background Information

**PVPR law**

**Seed law**

**PQ law**



# Plant Variety Protection in Thailand

TRIPs 27.3 (b)

*A sui generis system*

## The Plant Varieties Protection Act B.E. 2542 (1999)

*Objectives* ⇒ To protect plant breeders' rights

To conserve the existing plant genetic resources, landraces, local domestic plants and wild plants



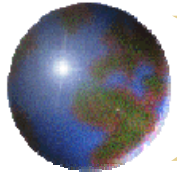
**Protection of New Plant Varieties**

*In line with UPOV 1978*

**Protection of Extant Varieties**

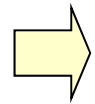
**Protection of General Domestic Plant Varieties and Wild Plant Varieties**

**Protection of local Domestic Plant Varieties**

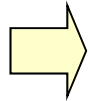


## **Plant Variety Protection Act 1999 (Cont.)**

### **Protection of New Plant Variety**

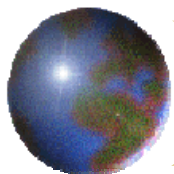


**New plant varieties must be designated by the minister of MOAC (with the approval of the PVP commission)**



**50 plant genera/species are protected**





## Plant Variety Protection Act 1999 (Cont.)

**50 plant genera/species are protected**

### 6 Field Crops

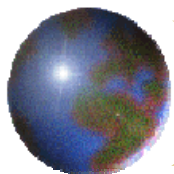
Rice	Sugar cane	Cassava	Soybean	Maize	Mungbean
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### 16 Fruit Trees

Mango	Jack fruit	Pomelo	Durian
Litchi	Longan	Papaya	Lime
Star fruit	Bouea spp.	Guava	Banana
Citrus reticulata	Custard apple	Tamarind	Rambutan

### 11 Vegetables

Tomato	Chili	Cucumber	Watermelon
Bitter gourd	Water convolvulus	Chinese kale	Pak soi
Yard long bean	Cucumis melo	Wax gourd	



## Plant Variety Protection Act 1999 (Cont.)

50 plant genera/species are protected (cont.)

### 11 Ornamental

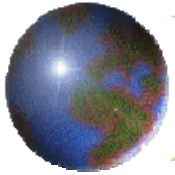
Euphorbia lactea	Curcuma	Anthurium	Adenium
Euphorbia millii	Lotus	Caladium	Plumeria
Dendrobium	Vanda	Aglaonema	

### 3 Woody trees

Eucalyptus	Teak (Tectona)	Acacia
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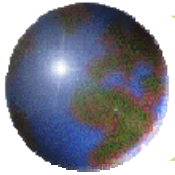
### 3 Others

Para Rubber	Vetiver grass	Oil palm
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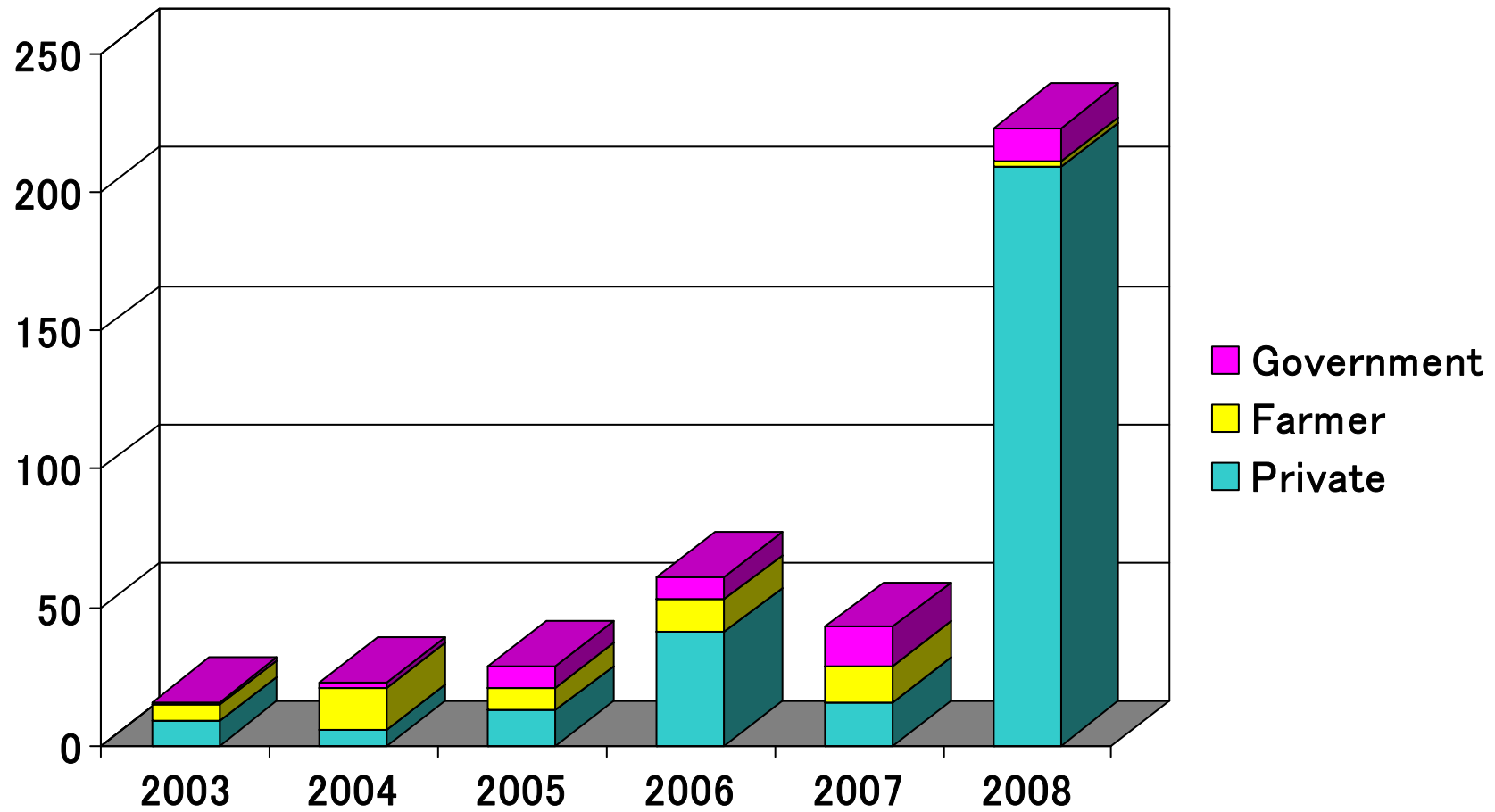


## Status of New Plant Variety Registration in 2003-2008

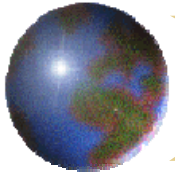
●	<b>Number of Applications</b>	<b>398</b>
●	<b>Granted of registration</b>	<b>33</b>



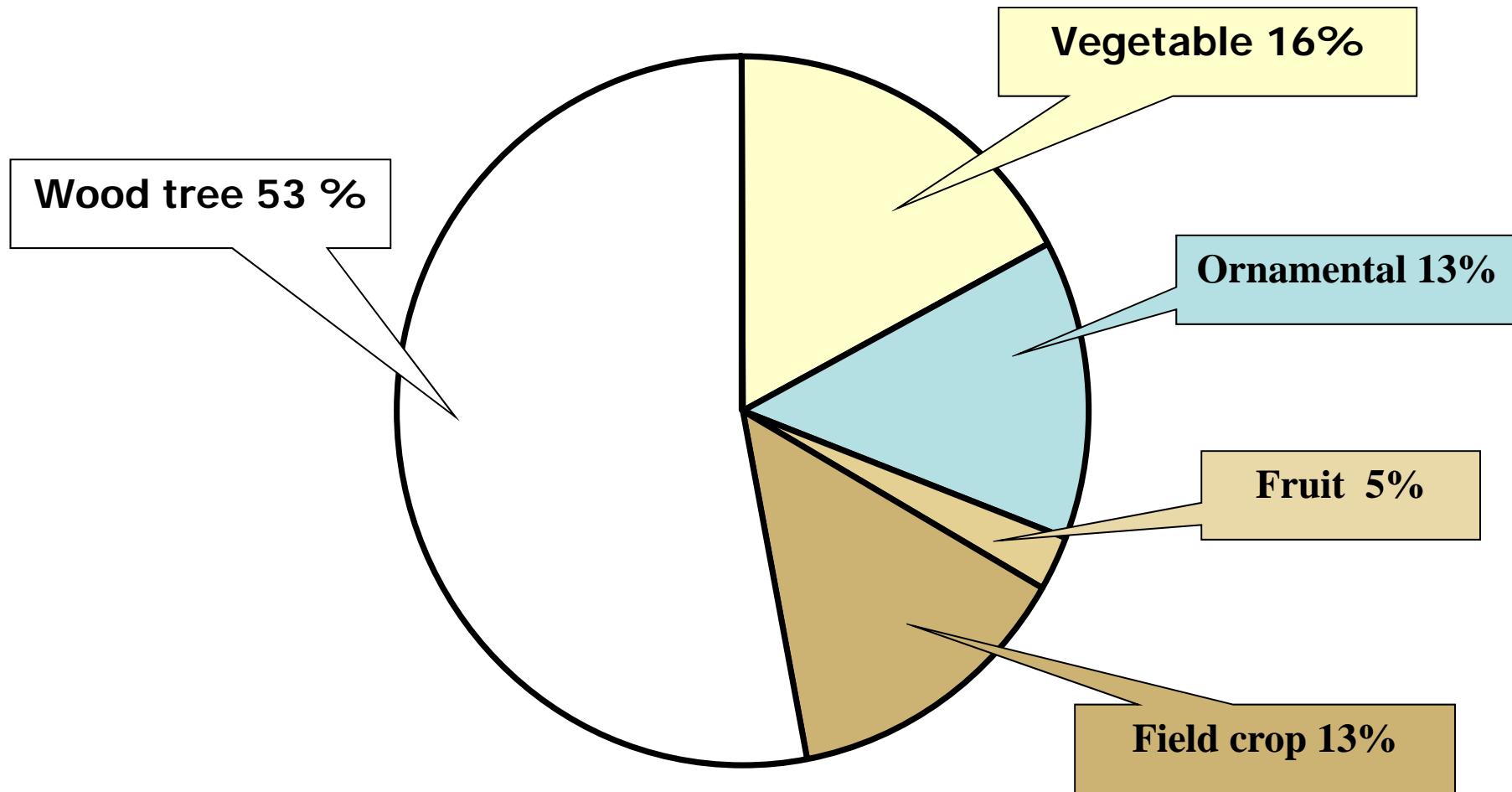
## The number of applications in Thailand

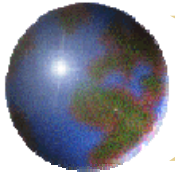






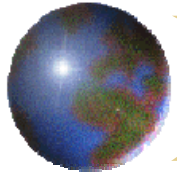
## Application classified by Plant Categories





## Duration of Protection

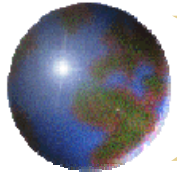
- 12 years → annual plant species
- 17 years → perennial plant species
- 27 years → woody trees



# **The Plant Variety Act**

## **Seed Quality Control in Thailand**

**Plant Variety Act 1975  
amended No. 2 by 1992  
and No. 3 by 2007**

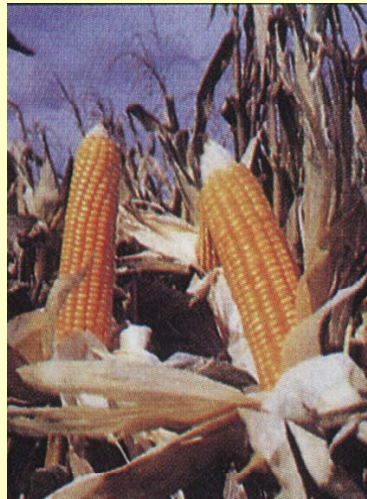
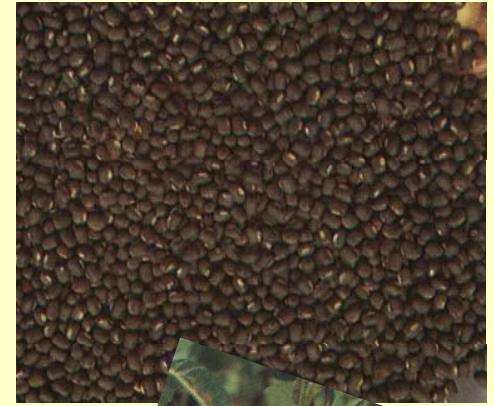


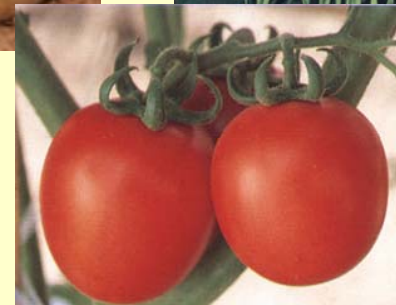
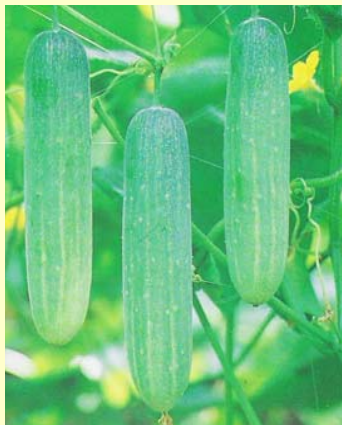
# **The Plant Variety Act**

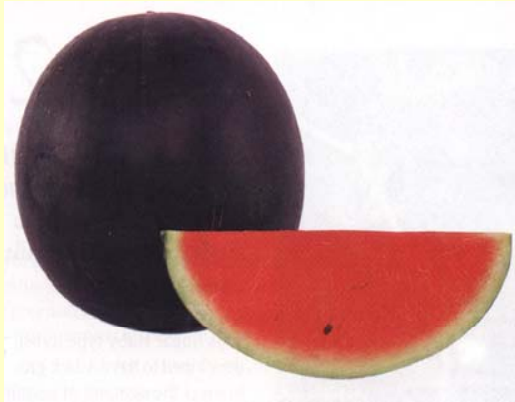
## **Seed Quality Control in Thailand**

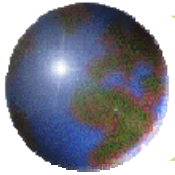
### **“the controlled seed”**

- **37 kinds of commercial and widely cultivated plant species in Thailand**
- **Meet the minimum standard quality of purity and germination**
- **To collect, sell, import, export or transit for trade must receive license.**

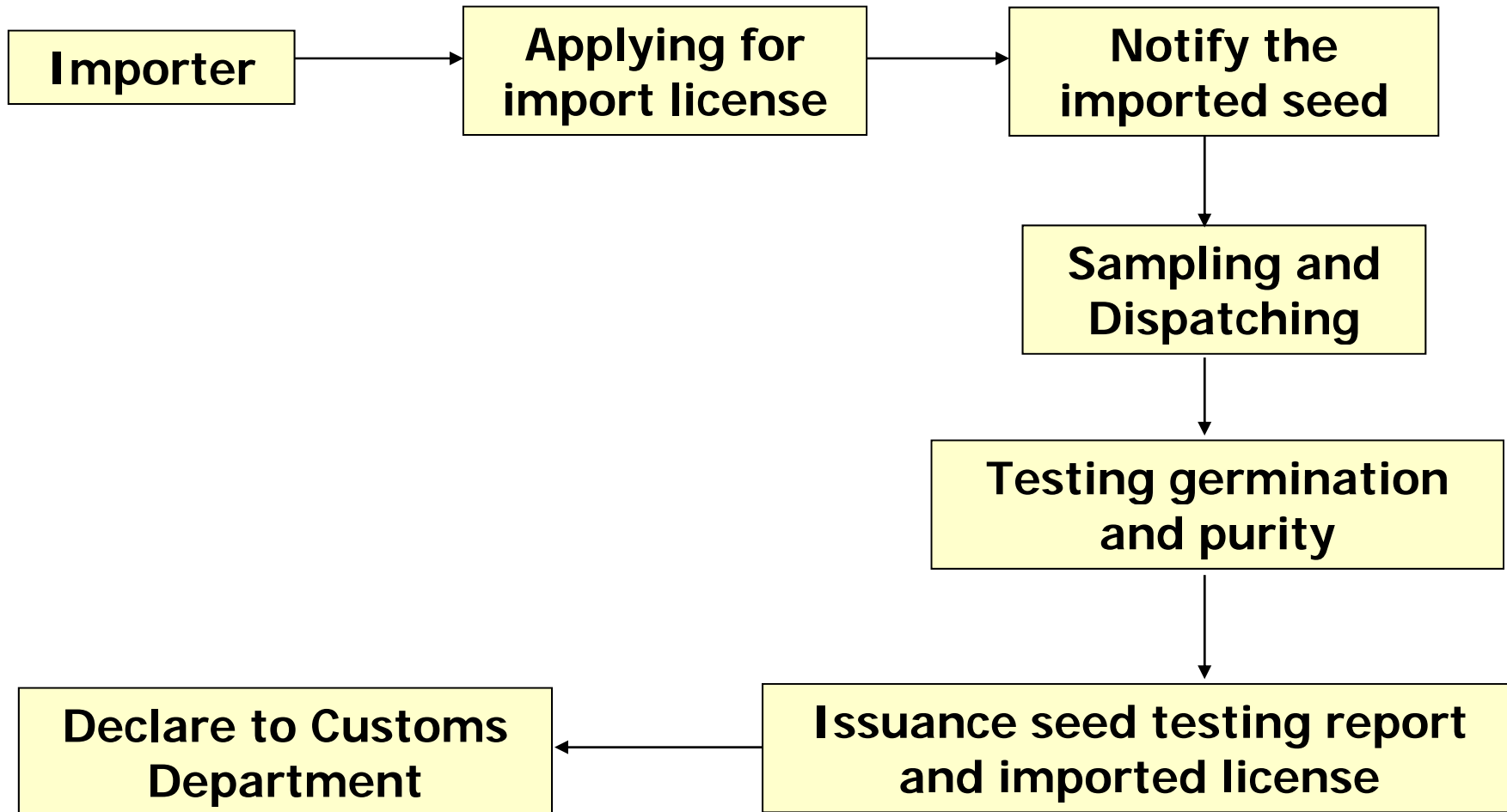








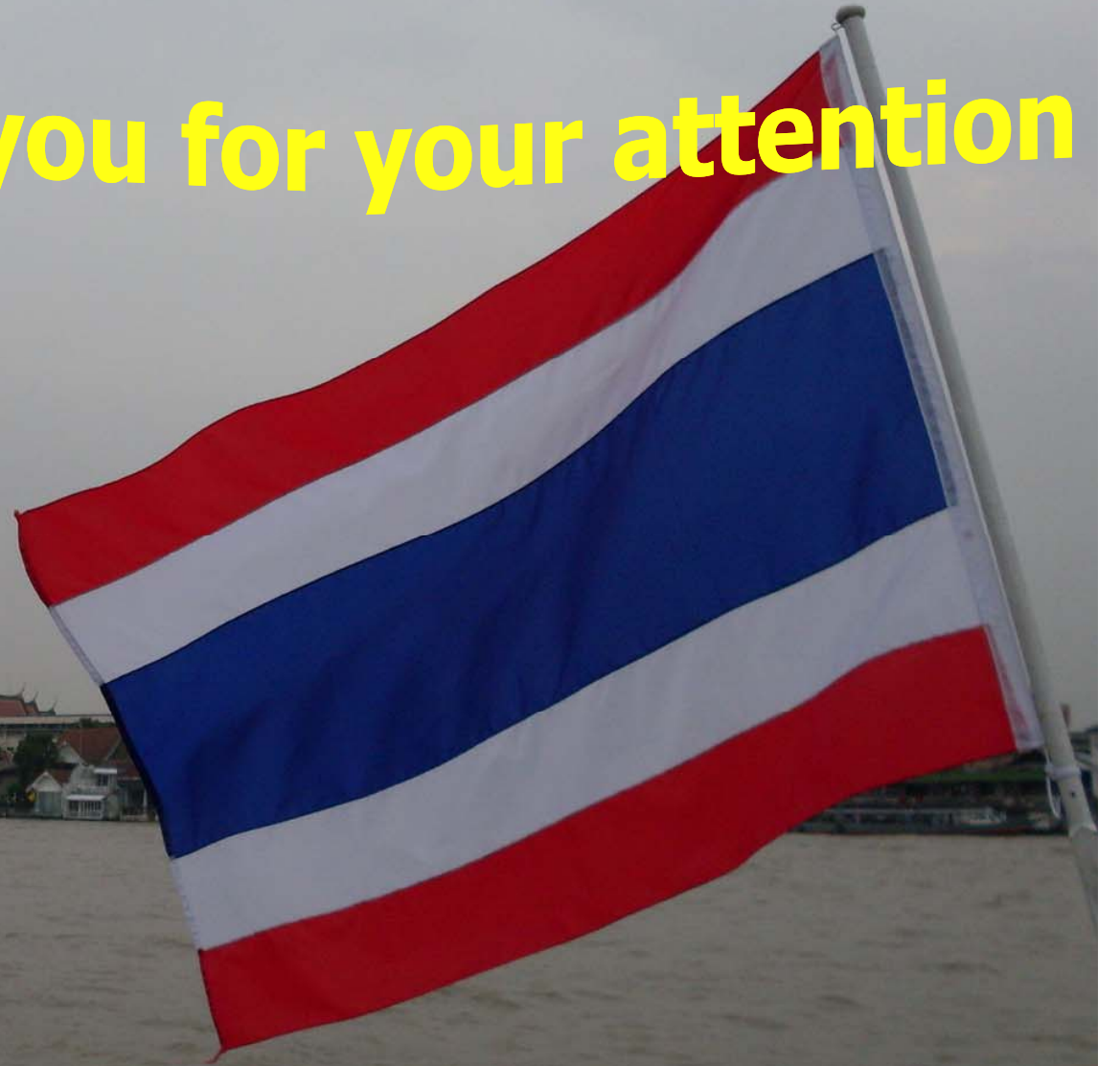
## Procedure for Importing the Controlled Seed

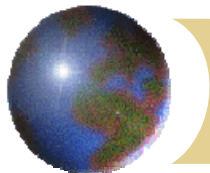






**Thank you for your attention**





## **Who can apply for new plant variety protection ?**

# Breeders with the following qualifications

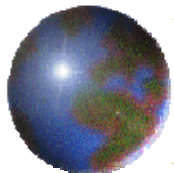
- **Thai Nationality**

- **Foreign countries**

**Giving a right for protection to Thai nationality**

**Being a nationality of the International Convention or PVP member countries which Thailand is a member**

**Agencies for foreign applications and Thai Language is used for application**



# **Application Formalities**

**An application must provide the following;**

- **Denomination of the variety**
- **Name and domicile of applicant**
- **Name of the breeder**
- **Breeding process, including genetic material**
- **Benefit sharing agreement**
- **Photographs**



# Fees

<b>Application fee</b>	<b>100 baht</b>
<b>Publication fee</b>	<b>500 baht</b>
<b>Certificate of Registration fee</b>	<b>1,000 baht</b>
<b>DUS trail fee</b>	<b>depends on the location and the plant varieties.</b>
<b>Annual fee</b>	<b>1,000 baht</b>

**\* US\$ = 34.47 baht**

# The Process of New Plant Variety Registration

Application

Valid application accepted

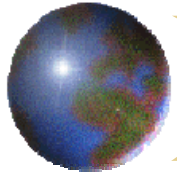
Publication

Examination for DUS

Report the result to DG of DOA

Issue certificate of registration of new variety

Publication in the Government Gazette



# Plant Variety Protection Act 1999

**"UPOV"**  
Protection of New  
Plant Variety (PBR)

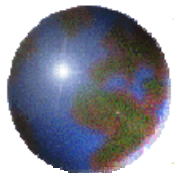
concept

**"CBD"**  
Conservation of PGR  
and ABS

**The Plant Variety Protection Act 1999**

## Objectives

- To encourage breeders to cultivate and breed new plant varieties for a broad range of genetic diversity by giving them the exclusive rights over their new varieties.
- To protect the extant varieties by fostering sustainable use and conservation of plant resources of farmers, or enforce the rights of local community plant variety.



## **Plant Variety Protection Act 1999 (Cont.)**

### **The Protection of Plant Varieties under the PVP Act**



#### **Protection of new plant variety**

in the line with UPOV 1978

#### **Protection of extant varieties**

- **General domestic plant variety**
- **Local domestic plant variety**
- **wild plant variety**



**Thank you for your kind attention**

