



**International Seminar on the Protection of New Plant Varieties**  
**November 26, 2020**  
**Hanoi, Vietnam**

**EAPVP** Forum

A collage of four images related to plant research. From left to right: 1. Hands holding a plant stem against a white background. 2. A close-up of a yellow flower. 3. A close-up of a yellow flower being examined with a red pencil. 4. Hands using tweezers to work on a yellow flower.

# **Development of PVP System in Myanmar**

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## ➤ Past & Present of PVP System in Myanmar



- 🌍 **Agriculture-based country ( as other developing countries)**
- 🌍 **Agriculture plays a crucial role in Myanmar Economy**

**To attain economic potential, Myanmar is seeking the ways (lay down & develop policy , Law, R &R) to intensify its agriculture during transition period.**

- **Land Use and Management Policy**
- **Water Use and Management Policy**
- **Agricultural Financing Policy**
- **Agricultural Mechanization and Input Policy**
- **Cooperative Enterprise and Cooperative System Development Policy**
- **Rural Infrastructure Development Policy**
- **Research, Development and Extension Policy**
- **Marketing, Value-added Processing and Export Policy**
- **Governance, Institutional and Human Resource Development Policy**
- **Environmental Conservation and Climate Change Resilience Policy**
- **SEED POLICY**
- **PVP POLICY ( not confirm)**
- **Agriculture Research Policy ( not confirm)**

# Setting up the laws to support Agricultural Sector Development

Plant Pest Quarantine Law 1993

Farmers' Right Protection and Enhancement of their Benefit Law 2013

The Law Amending the Seed Law & The Seed Law 2015

The Law Amending the Fertilizer Law & The Fertilizer Law 2015

Pesticide Law 2016

*New Plant Variety Protection Law* 2016

*&2019*





# Plant Variety Protection System in MM

- ✦ Very beginning period of PVP system establishment in Myanmar.
- ✦ So, limited number of private Seed & Breeding companies (both local and foreign) operating in the country.
- ✦ At present, the seed industry is leading role in government sector.
- ✦ Not enough (eg: about 20% of rice growing fields covered by formal seed system) (Mostly Informal seed system)

Now, government sector is encouraging private companies for increasing crop production through the control of systematic approach under **Related Laws ( Seed Law, PVP law)**



- ✓ DAR is carrying for the development of new plant varieties and technology for farmers
- ✓ DAR is also focal department responsible to assist PVP granting procedure by NPVPC

- Developed >200 new plant varieties
- Covered >60% of the total sown area of the different crops

Need to more contribution by the private sector in plant breeding and seed distribution

- More than 1000 varieties resisted in the national list under the control of seed law

DOA is carrying extension new varieties & technology to transfer to farmers and focal department for responsible to assist seed law implantation of NSC

GOVERNMENT

PRIVATE  
(less investment)



## Moving of Seed Industry



**Integrated Seed Sector Development**



# Myanmar PVP

PVP law enacted 20.1.2016 & 24.9.2019 (new one)

Endorsed National & Technical Committees, Notification & Orders of PVP law, accepted application of New Plant Varieties for PBR currently

2010-11

2007

2006

TWG organized with 10 participants to enact PVP Law

Member of EAPVP Forum

*Forum Framework* is to promote mutual cooperation for Members  
Activities: capacity building, developed harmonized PVP system, seminar and information share

2004

Participated to conduct DUS test (INGER)

Started to go systematic approach for pvp implementation

1994/1995

Participated to the UPOV-INGER Workshop

Became CBD/WTO

Aware on IP rights





## PVPO under DAR, MOALI was set at 10.5.2016

### VISSION

To support the adoption of New Plant Variety Protection System for the development of new plant varieties that will benefit the society.



### MISSION

To establish internationally harmonized New Plant Variety Protection System through the implementation of the harmonized PVP System in ASEAN + 3 countries.

Staffs of PVP Office  
New Plant Variety Protection Office



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### OBJECTIVE

To support administrative and technical areas of PVP system implementation when a new plant variety is applied to grant a plant breeder's right by a plant breeder to NPVPC.



# Collaboration with International Organizations

**UPOV**

**MAFF**

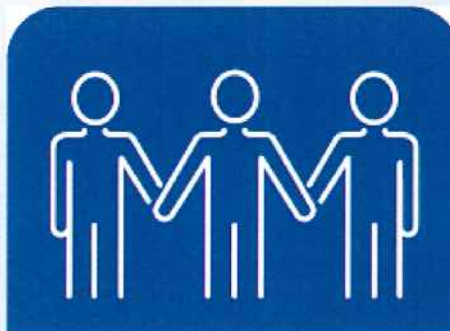
Ministry of Agriculture,  
Forestry and Fisheries  
農林水産省

**EAPVP Forum**

 **WAGENINGEN**  
UNIVERSITY & RESEARCH

*nak*  *tuinbouw*

**syngenta** foundation  
for sustainable  
agriculture



**Have a move** 

## PVP Awareness Seminar before/after PVP Law Enacted



**1<sup>st</sup> time PVP system awareness seminar jointly organized by UPOV, MAFF Japan, MOAI Myanmar (19.12.2012)**

**2<sup>nd</sup> time PVP system awareness seminar jointly organized by UPOV, MAFF Japan, USPTO, MOALI Myanmar at (5.12.2016)**





## After PVP law enacted



PVP Awareness Seminar ( 11.9.2017) at DAR, Myanmar







**Plant Variety Protection (PVP) Training  
16 – 27 January 2017, Yezin, Nay Pyi Taw (Myanmar)**



**In-country Training Course on TG for Maize organized by  
Department of Agricultural Research (DAR), (MOALI), Myanmar in cooperation with  
Ministry of Agriculture, Forestry and Fisheries (MAFF) of Japan  
23.1. 2018, Nay Pyi Taw, Myanmar**

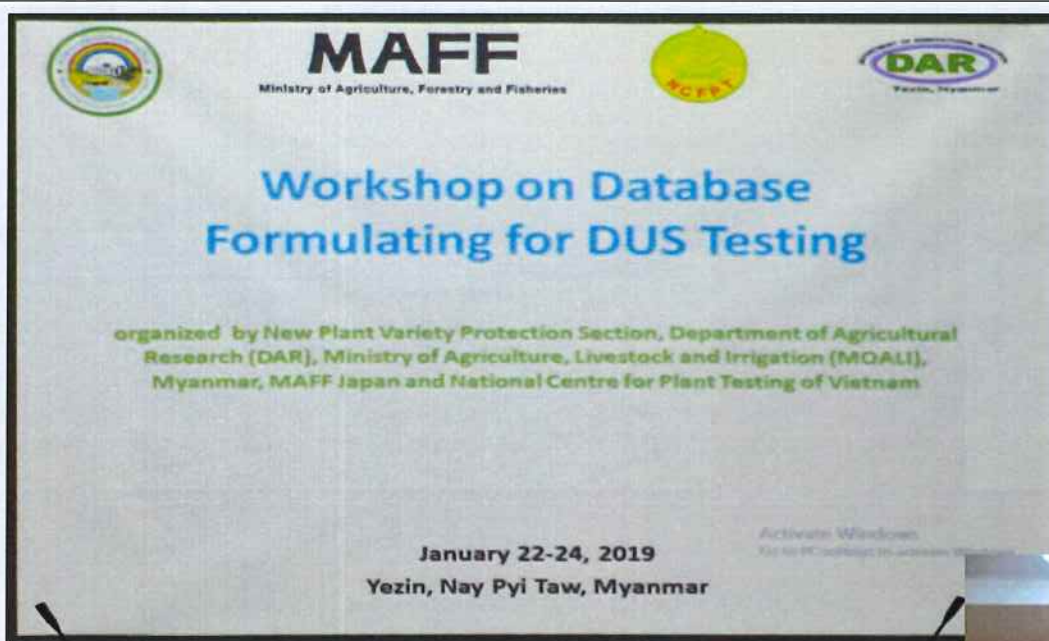




**In-country Training Course on “Assistance in Drafting Rice Own TG Protocol” jointly organized by Naktuinbouw, the Netherlands and DAR, MOALI, Myanmar at November 6-9, 2018**







**Workshop on Database formulating for DUS Testing**  
**22-24.01.2019**



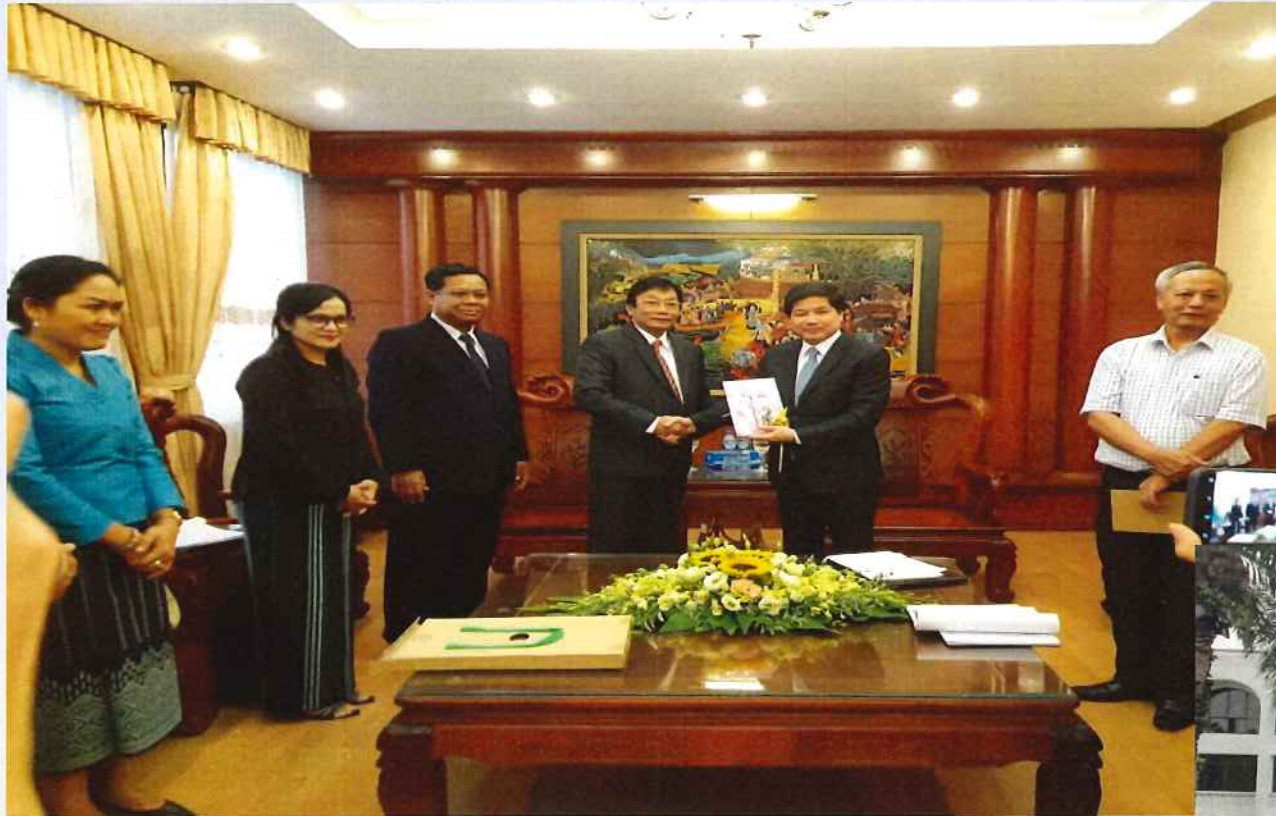


**Workshop for raising the inclusive awareness of stakeholders on  
PVP-Moving forward in Myanmar jointly organized by DAR & Singenta foundation  
(12.03.2019)**





# High Level Study Visit to Vietnam at July,2019





**In-country Training to set up of reference varieties of 14 selected crops under EAPVP pilot project, 17-19.07.2020 supported by Syngenta foundation**





# Participating EAPVP Annual Forum Meeting



**EAPVP Forum**



Host 10<sup>th</sup> EAPVP Forum Meeting in 2017





1st



2nd



### Pilot Project Meeting (off & online)

3rd



5th



4th





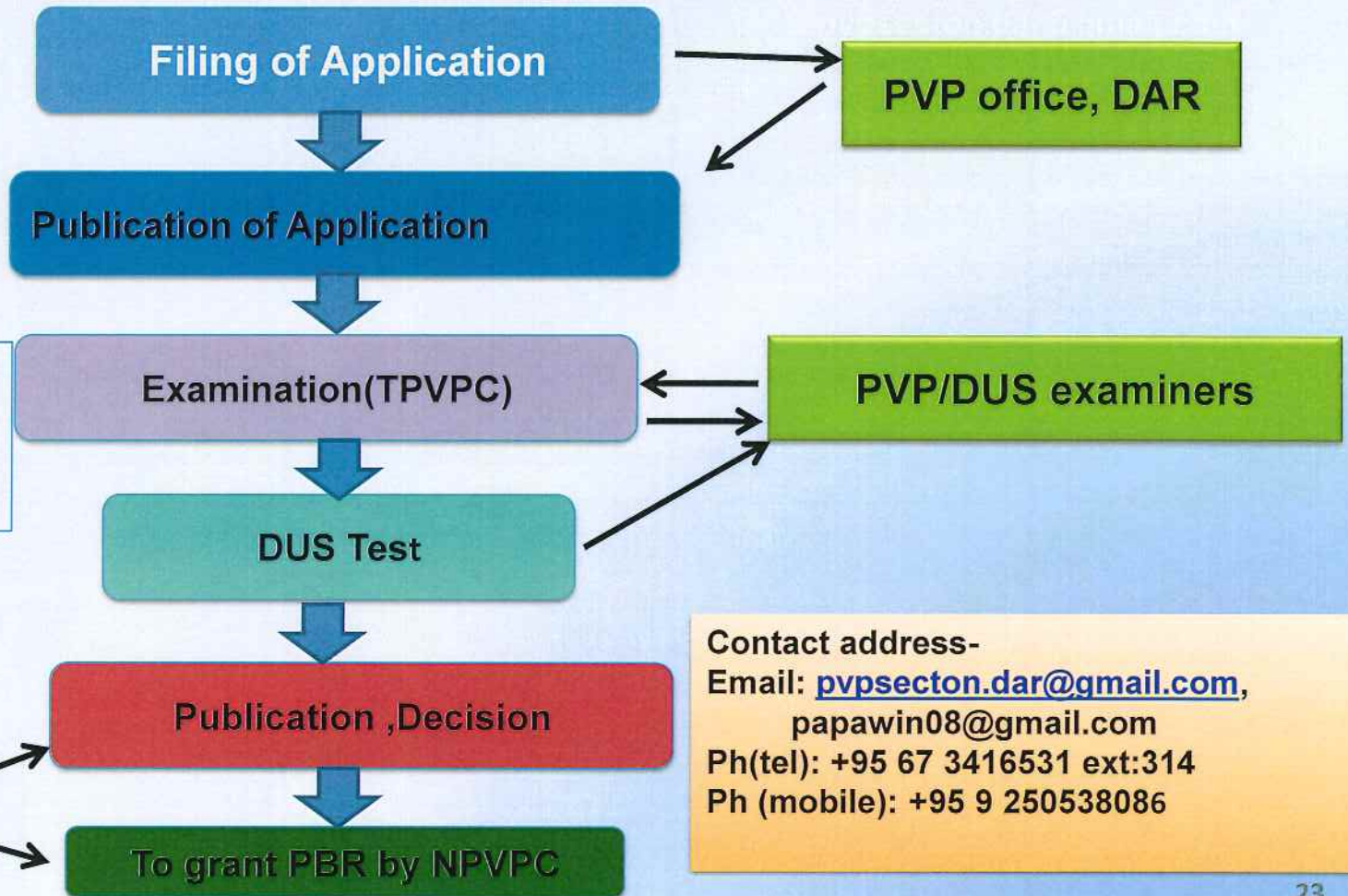
# Procedure for application of new variety to get BR

<http://www.dar.gov.mm>  
&  
Daily News Paper (gov:)  
[www.myanmarseedportal.gov.mm](http://www.myanmarseedportal.gov.mm)

- official test
- inspection at breeder field
- checking documents
- purchase test report (others)

Novelty, Denomination

PVP office report



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# Conducting DUS Testing on some applied varieties, ( total 17 varieties)

## Official growing test

### Blackgram

1. Mape Yezin-7



At DAR

### Rice

1. De You - 8
2. De You - 12
3. De You - 16



## Document test (from Vietnam)

### Asparagus-bean

1. Akari 111 (NAMGANG)



National Center for Plant Variety Testing central South Vietnam

## Purchase test report (from Korea)

### Strawberry

1. Muha
2. Goseul



Korea Seed and Variety Service

### Avocado

1. Tamoeout Baby



Breeder field test



## 1<sup>st</sup> NPVPC meeting 26.2.2020, Internal Procedure



## 1<sup>st</sup> TPVPC meeting 24.7.2020



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➤ **Forward- moving/ Future of Myanmar PVP**



**UPOV showed positive decision on Myanmar  
PVP law at 53<sup>rd</sup> council meeting, 1<sup>st</sup> Nov:  
2019, Geneva, [Switzerland](#)**



**Well developed PVP  
System/Trying to become UPOV  
member based on Positive  
Decision**



# Weakness



**Having  
Transition  
period in  
policy**

**No internal  
readiness ( law  
enforcement  
,R&R, N/TPVPC  
duty and  
function)**

**PVP  
Law  
enforcem  
ent**

**Poor HR in  
PVP  
technical &  
administrati  
ve**

**Weak  
collaborat  
ion in  
the local**

**Low  
awareness  
on PVP  
system &  
Benefits of  
UPOV mem:**



# Threat



“-’ Thinking on seed prize and end product benefit ( unstable trade of Agri: product & poor food processing technology)

Too take a time for internal procedure especially with COVID -19 New normal style

Deep channel to easily accept new improved varieties instead of planting of old / traditional varieties, indigenous & technology

No clear in PPP Seed Business model

No clear cut knowledge on seed, PVP, GI, PGR regulatory frame work and its' use & among some stakeholder

UPOV Membership fee Sustained Government support needed

Weakness

Strength

Threat

Opportunity

LET'S

MOVE

TOGETHER



# Thank You

