



EAPVP Forum



**The International Seminar on
Role of Plant Variety Protection in Development of Agriculture**

Progress of the PVP System in Myanmar - Toward UPOV Membership

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28 August, 2024 (Phnom Penh, Cambodia)



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Agriculture Sector in Myanmar



Coordinates

- **21.9162° N, 95.9560° E**
(Different ecology - favorable for several kinds of crops)

Area

- **676,552.7Km²**
(7 States, 7 Regions & 1 Union Territory)



Population (2022-2023)

- **55.77 million**

Population Density (2022-2023)

- **82.0 per Sq.Km**



Currency

- **Kyat (MMK)**



Climate

- **Tropical to sub-tropical monsoon climate** with three seasons



Major racial groups

- **8** (Bamar, Kachin, Kayah, Kayin, Chin, Mon, Rakhine and Shan)



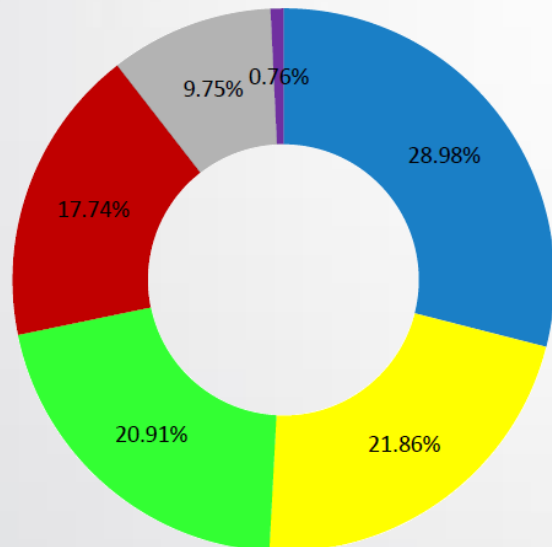
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Agriculture Sector in Myanmar

- ✓ Agriculture sector - backbone of Myanmar economy
- ✓ Development in agriculture sector - enhance socio-economic development of country
- ✓ Government - dedicating tremendous efforts to achieve greater progress in agriculture sector



Percentage Area Classified by Type of Land (2022-2023)



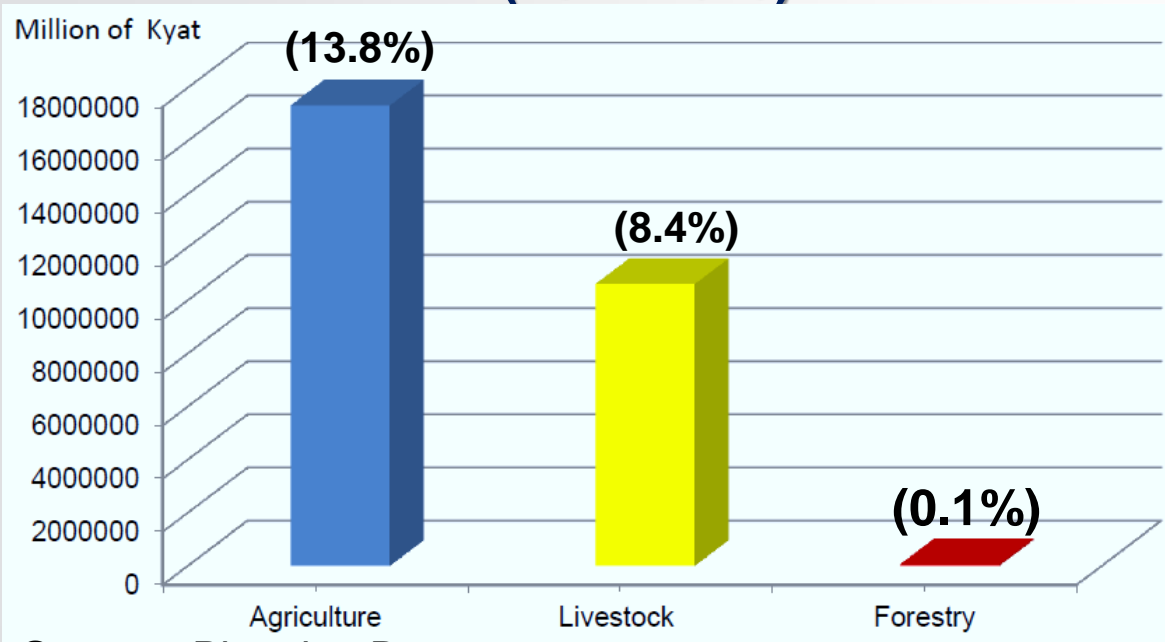
☐ Total Area (2022-2023) - 167.19 million acres (67.69 million hectares)

☐ Net Area Sown (2022-2023) - 29.67 million acres (12.01 million hectares)

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Agriculture Sector in Myanmar

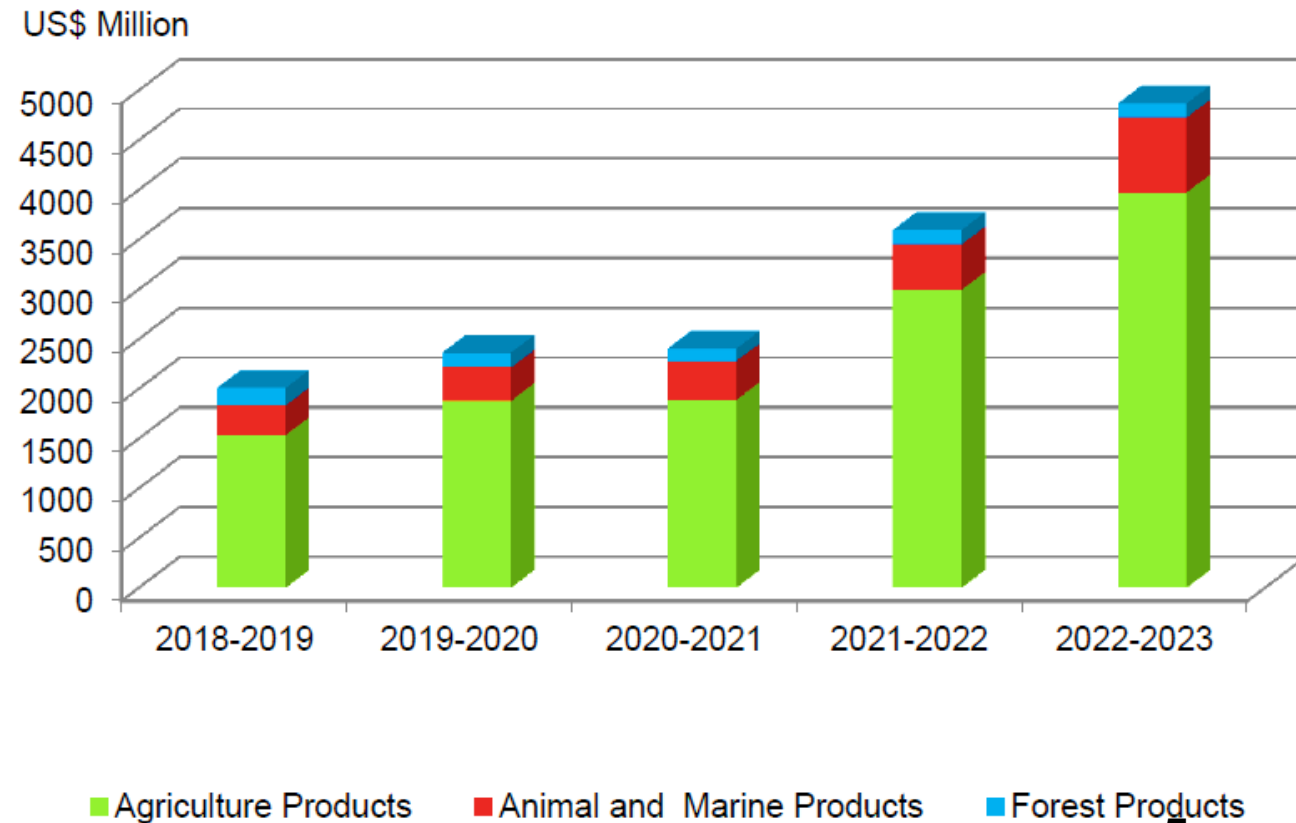
National Gross Domestic Products (GDP) (2022-2023)



Source: Planning Department.

✓ This will require many sector contribution including higher production and **use of quality seeds of new and improved plant varieties and the development of a competitive seed industry**

Export of Major Agricultural Products



Source: Customs Department.

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Agriculture Sector in Myanmar

Crop Improvement activities

Development of New Plant Variety

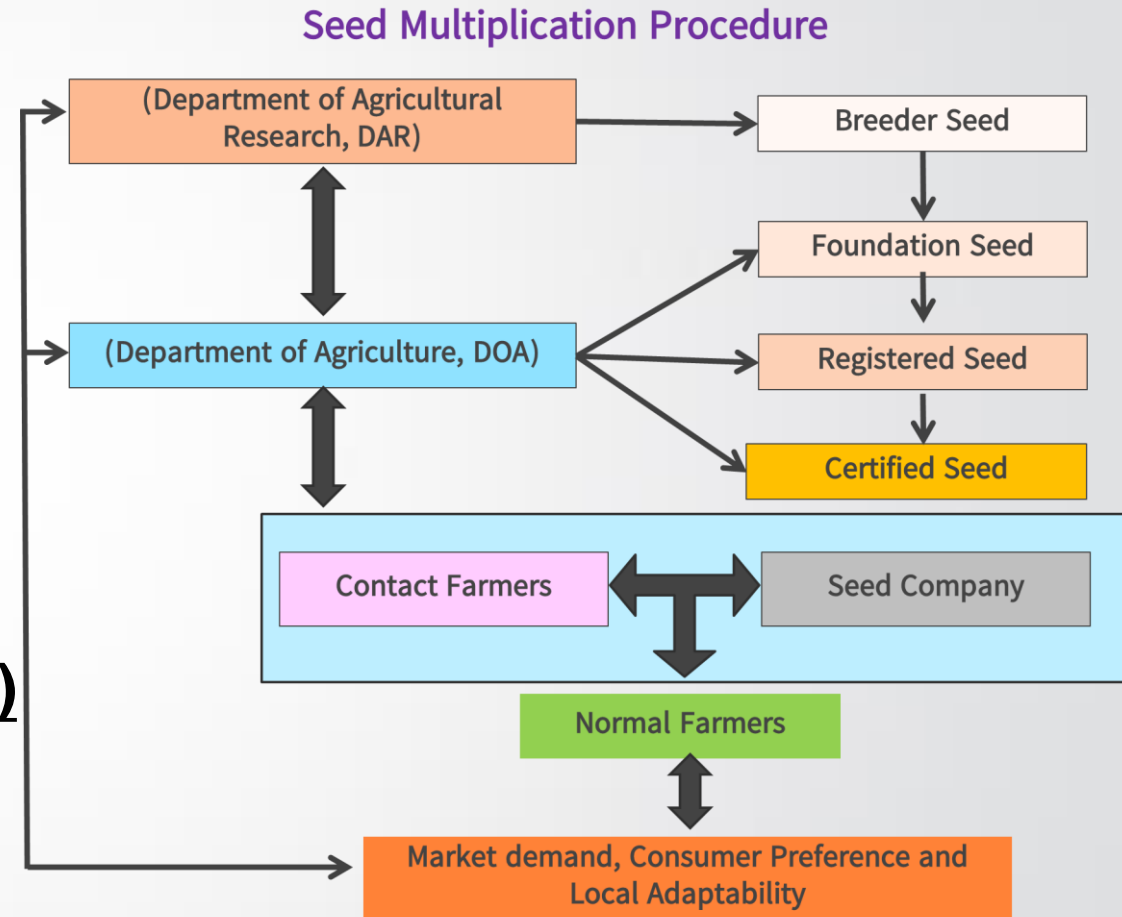


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Agriculture Sector in Myanmar

Current Seed Sector

1. Formal seed system (5%)
(Seed Flow- BS,FS,RS&CS)
2. Informal seed system (95%)
(Farmer saved & exchanged: local sale)
3. Intermediary seed system (less dominant)
(Public-Private)



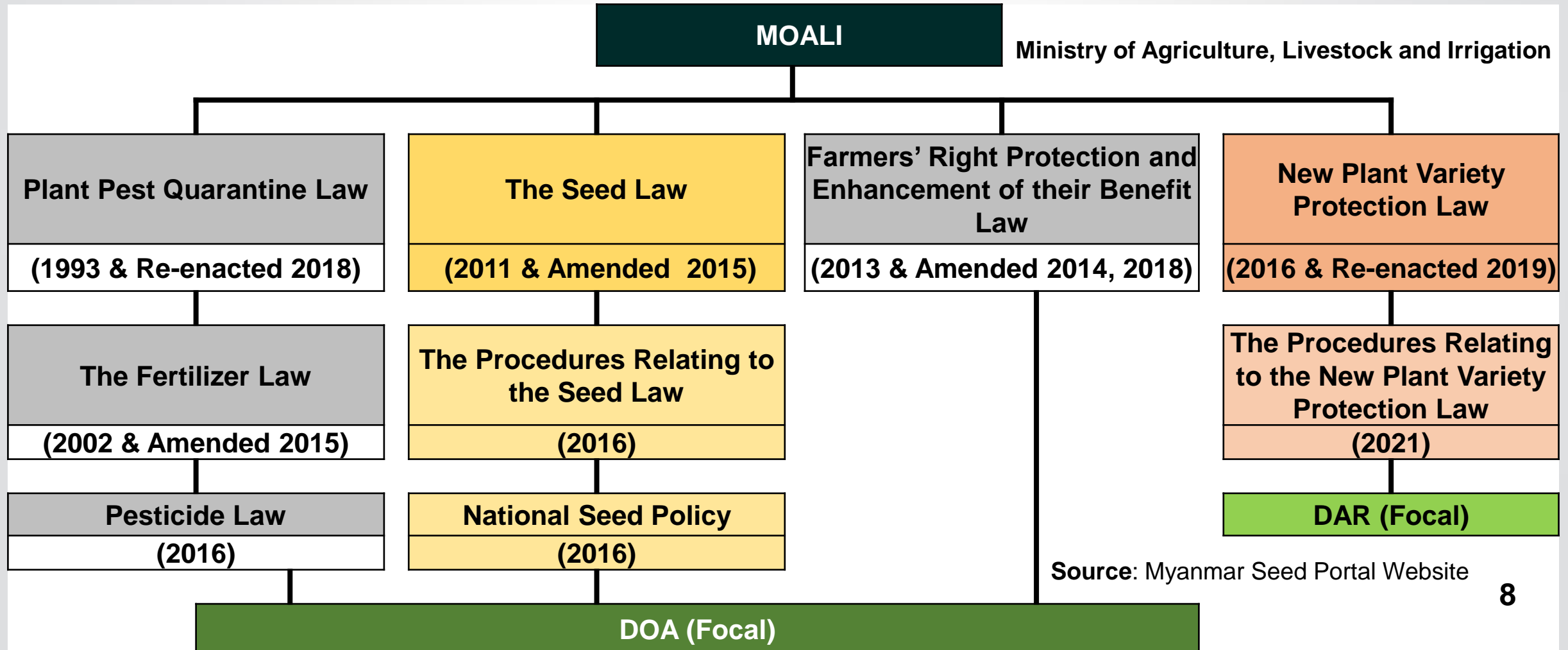
Formal Seed Production System

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Agriculture Sector in Myanmar



Regulatory Framework for Agricultural Development

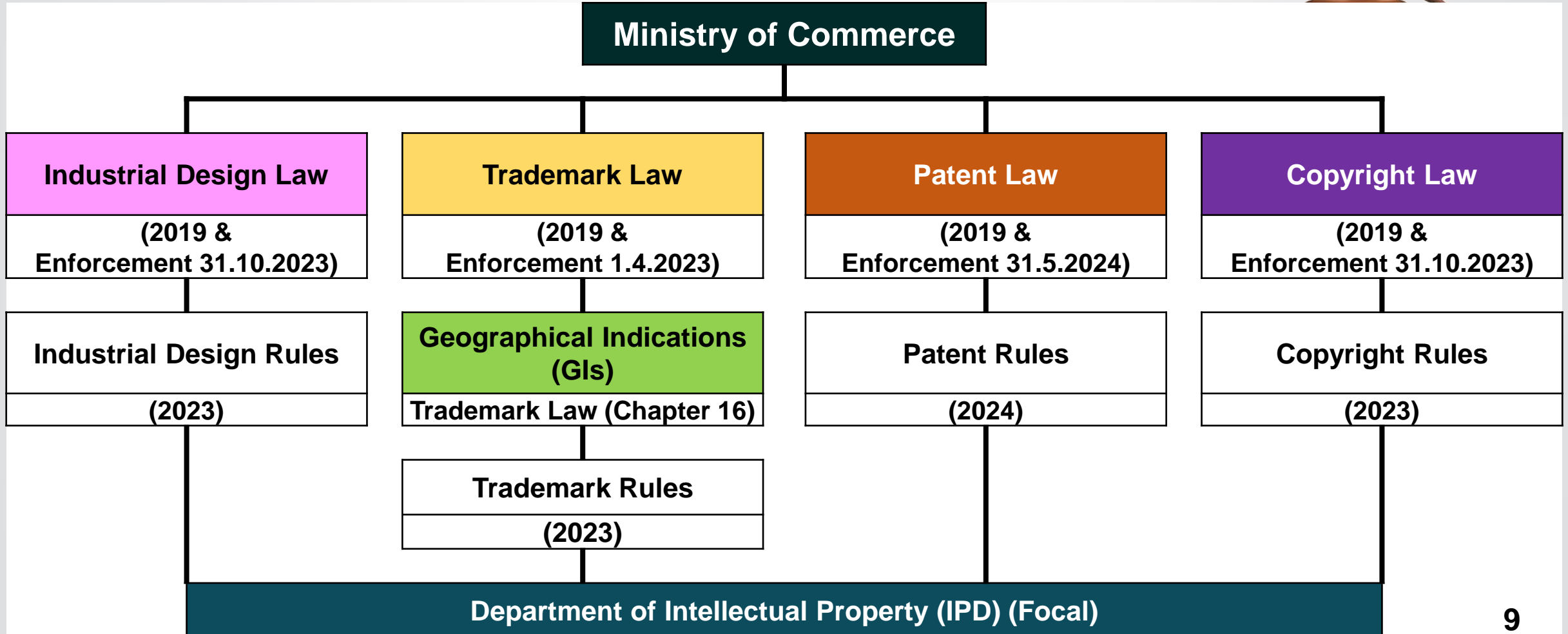


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Agriculture Sector in Myanmar

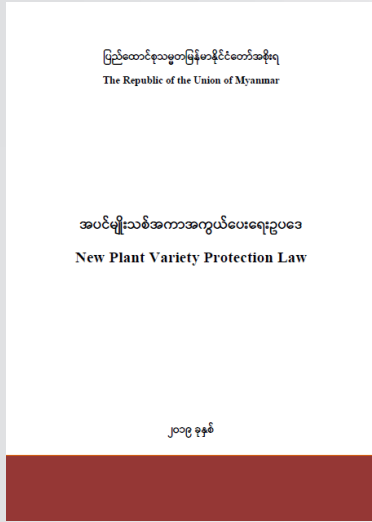


Related IP Laws



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History of PVP System in Myanmar



Initiative Activities on Awareness of PVP system

Aware on IP rights

Became CBD/
WTO

1994-95

Started to go systematic approach for PVP implementation

Participated to conduct DUS test (INGER)

2006

WG organized with 10 participants to enact PVP Law

2010-11

PVP Law enacted
20.1.2016 &
24.9.2019
(new one)

2007

Member of EAPVP Forum

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

2004

Participated to the UPOV- INGER Workshop

2

History of PVP System in Myanmar



In 2012, Awareness Seminar organized by UPOV and EAPVP



PVP law enacted in 2016 & enter into force on 20.1.2017



PVP Unit organized under DAR (10.5.2016)

2

History of PVP System in Myanmar



Intensive Awareness Raising Seminar on PVP System organized by DAR, UPOV, USPTO and MAFF, Japan 5.12.2016



PVP law enactment (Amending the existing law in line with UPOV 1991 act) on 24.9.2019



The Procedures relating to the New Plant Variety Protection Law enactment 4.9.2021

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Current Situation of PVP System

The New Plant Variety Protection Law

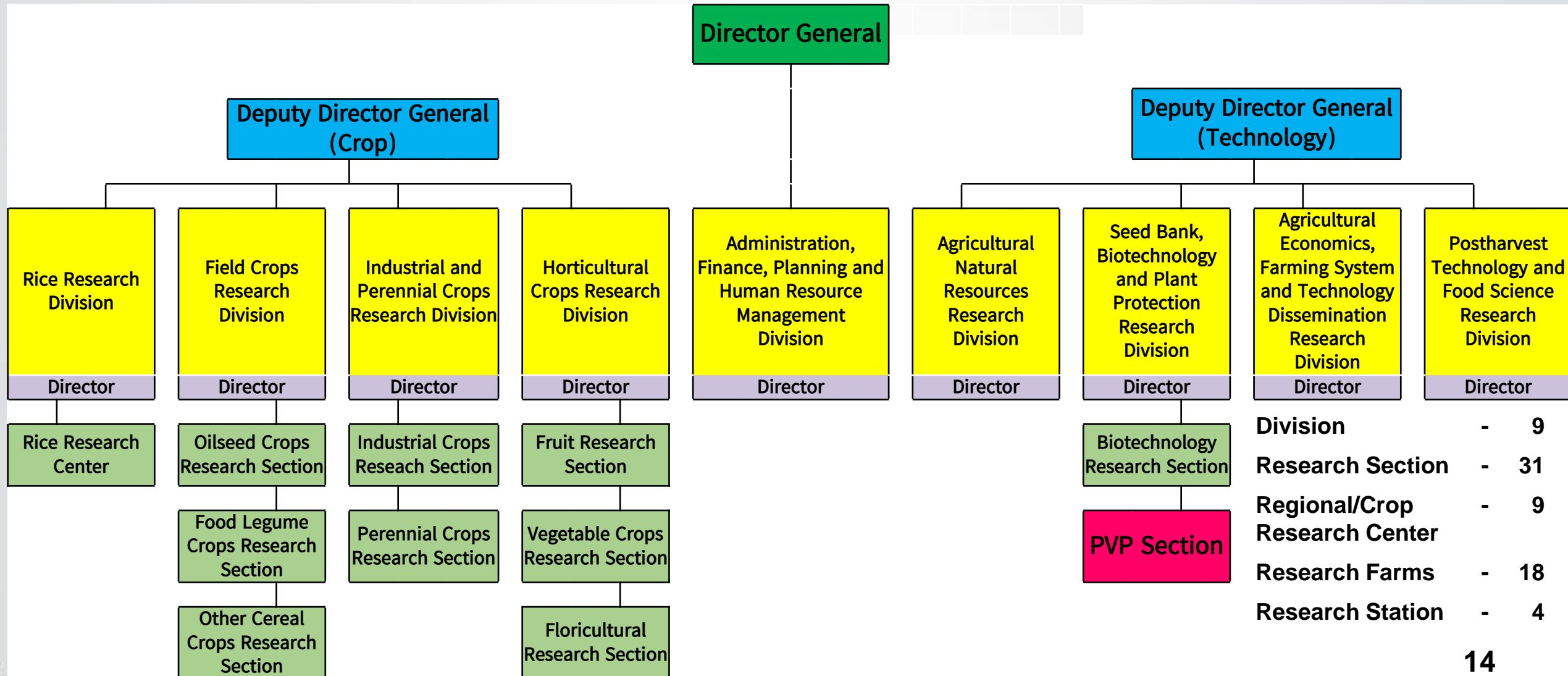
- ❑ enacted by the Pyidaungsu Hluttaw Law No.29, 2019
- ❑ 24th September 2019
 - Chapter – 11
 - Section – 47

Objectives

- ❑ to protect the rights of plant breeders
- ❑ to develop the plant breeding activity
- ❑ to promote local and foreign investment in the plant breeding activity
- ❑ to support the development of the national economy through utilization of new plant varieties for production

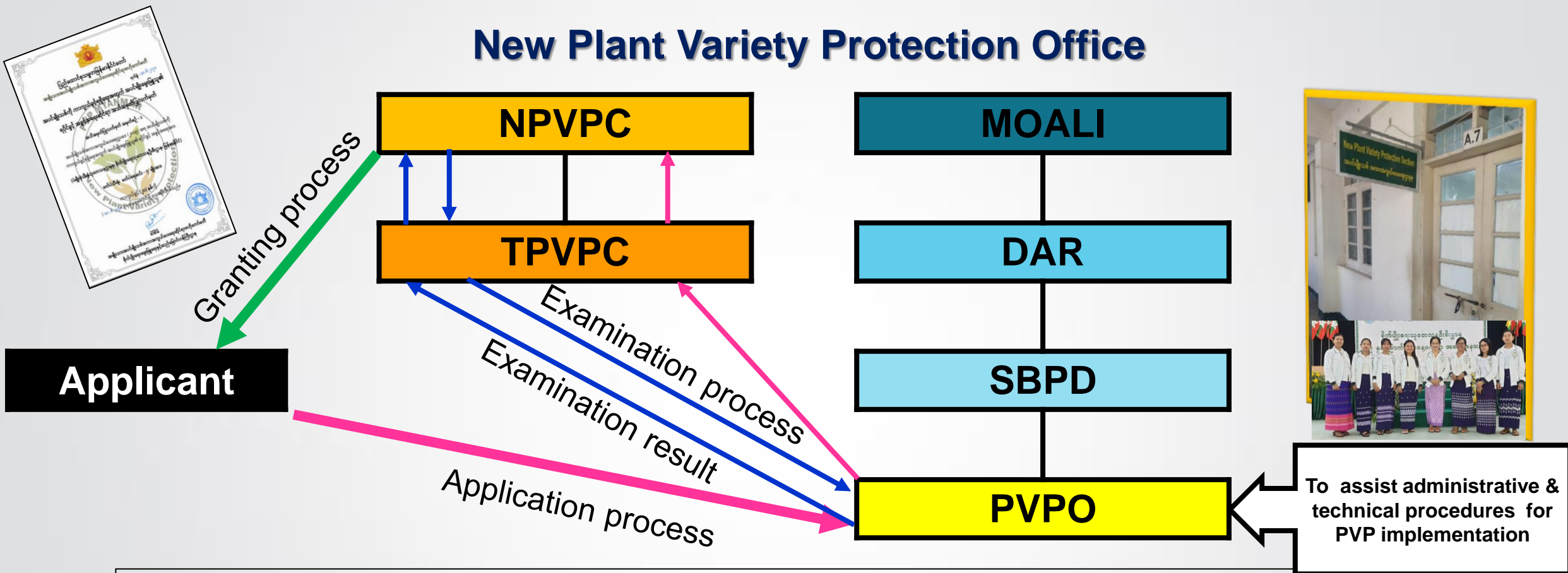


Organizational Structure of DAR



PVP Management Structure

New Plant Variety Protection Office

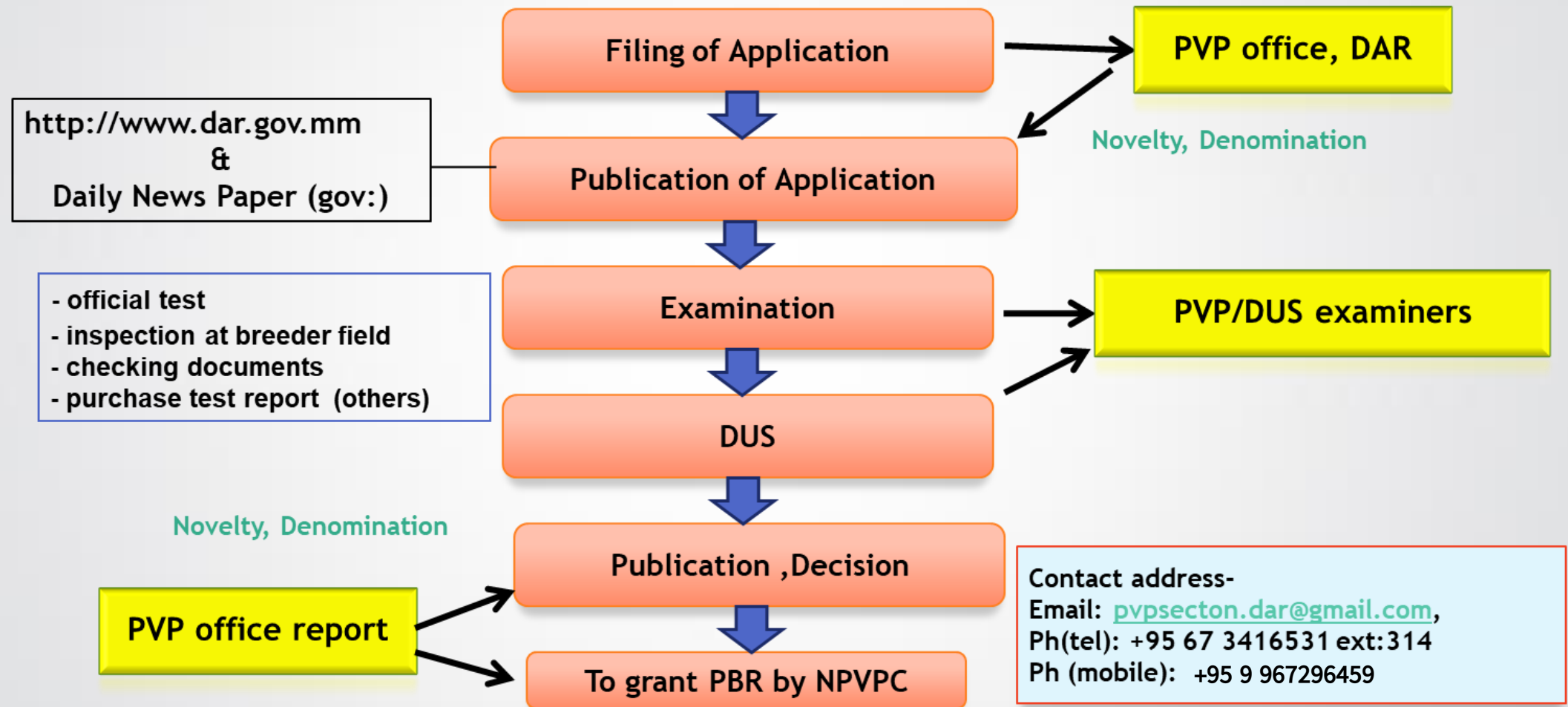


PVPO is not authorized, only media/ agent for communication between NPVPC, TPVPC and applicants

DUS tests are being carried out at research centers and satellite farms under DAR

- ❑ **NPVPC**- National New Plant Variety Protection Committee
- ❑ **TPVPC**- Technical New Plant Variety Protection Committee
- ❑ **MOALI**- Ministry of Agriculture, Livestock and Irrigation
- ❑ **DAR**- Department of Agricultural Research
- ❑ **SBPD**- Seed Bank, Biotechnology and Plant Protection Division
- ❑ **PVPO**- New Plant Variety Protection Section

Procedure for application of new variety to get PBR



PVP Management Structure

□ Number of persons in charge and examiners - 24 (trained persons)

- Full-time positions- 4 persons
- Concurrent positions - 20 persons



Members of PVP Office
New Plant Variety Protection Office



Ms. Khin Sandar Cho
Assistant Research Officer
Section Head



Ms. Thiri Han
Assistant Research Officer
Office Staff & DUS Examiner



Ms. Phyu Phwe
Senior Research Assistant
Office Staff & DUS Examiner



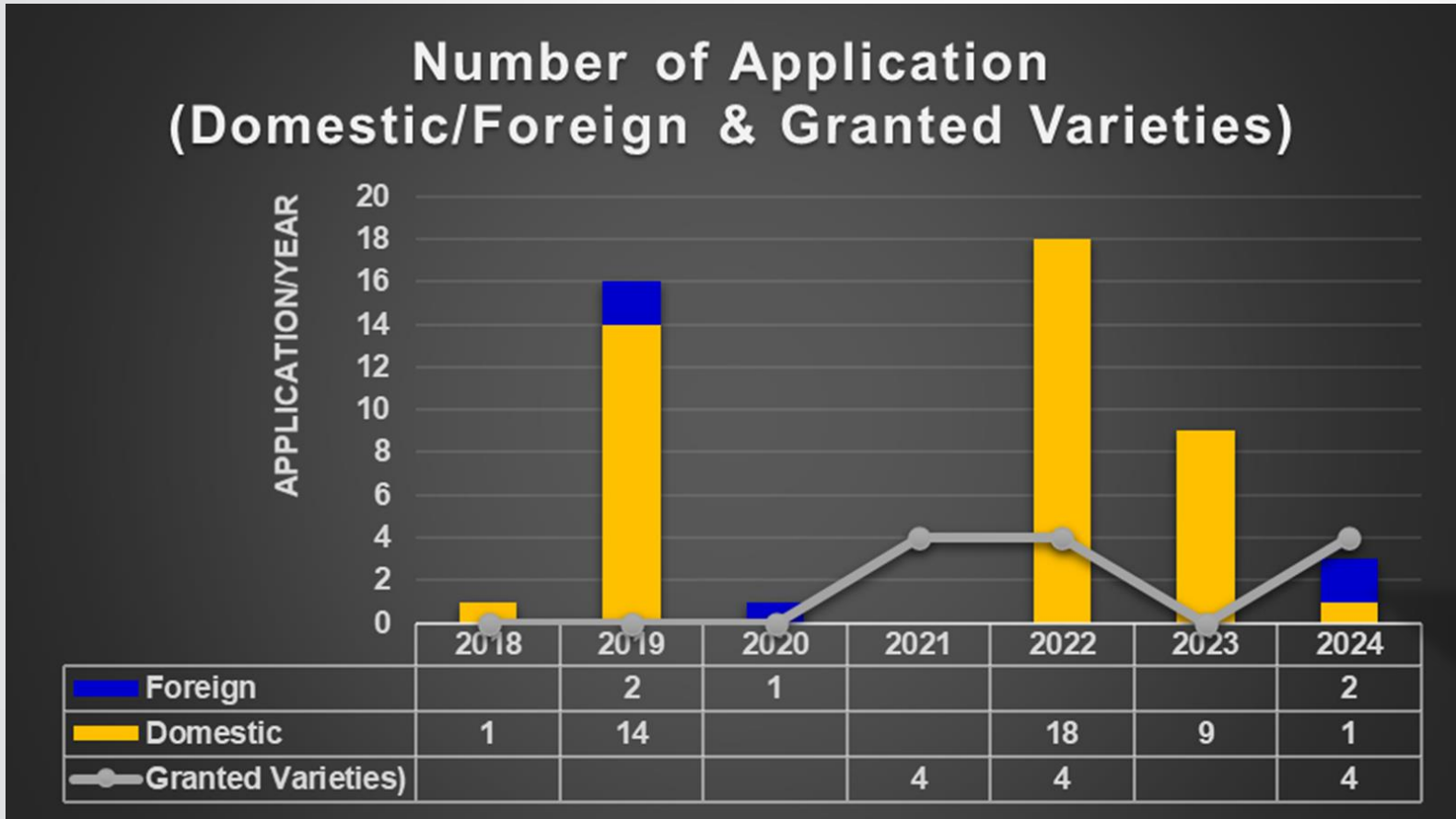
Ms. Su Pyae Pyae Win
Research Technician
Office Staff & DUS Examiner



PVP Section,
Department of Agricultural
Research (DAR),
Ministry of Agriculture, Livestock
and Irrigation (MOALI), Myanmar

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Current Situation of PVP System



- ❑ Total number of application - 48
- ❑ Total number of granted varieties - 12

3

Current Situation of PVP System

Current DUS Growing Test (Rice)



3

Current Situation of PVP System

Current DUS Growing Test (Maize)



International Collaboration

- **The International Union for the Protection of New Varieties of Plants (UPOV)**
- **East Asia Plant Variety Protection Forum (EAPVP)**
- **EAPVP Pilot Project & e-PVP Asia**
- **Naktuinbouw Variety Testing Department, the Netherlands**
- **Korea Seed and Variety Service (KSVS)**
- **Plant Variety Protection Office (Vietnam)**

3

Current Situation of PVP System

International Collaboration (Meeting, Workshop and Seminar)



1st time PVP system awareness seminar jointly organized by UPOV, MAFF Japan, MOAI Myanmar (19.12.2012)

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



3

Current Situation of PVP System

International Collaboration (Meeting, Workshop and Seminar)



**10th EAPVP Forum Meeting (10.9.2017)
at DAR, Myanmar**



**PVP Awareness Seminar (11.9.2017)
at DAR, Myanmar**



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Current Situation of PVP System

International Collaboration (Meeting, Workshop and Seminar)



“Webinar on Awareness of Plant Variety Protection System” at DAR, Myanmar (3.12.2020)

