



13th Annual Meeting
Hanoi, Viet Nam, 25 November 2020

EAPVPF/13/06
Date: 25 November 2020

REPORT

adopted by the 13th East Asia Plant Variety Protection Forum Annual Meeting

Opening of the meeting

1. East Asia Plant Variety Protection Forum held its 13th Annual Meeting hosted by Viet Nam on 25 November 2020 via online, chaired by Dr. Nguyen Nhu Cuong, Director General, Department of Crop Production, Ministry of Agriculture and Rural Development, Viet Nam.
2. The list of participants is reproduced in Annex I to this report.
3. The meeting was opened by the Chair and received welcome remarks by Dr. Nguyen Nhu Cuong, Director General, Department of Crop Production, Ministry of Agriculture and Rural Development, Viet Nam.
4. The meeting received opening remarks by Mr. Do Ozaki, Director, Intellectual Property Division, Food Industry Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries, Japan.
5. The meeting received opening remarks by Mr. Peter Button, Vice Secretary-General, UPOV.

Adoption of the agenda

6. The draft agenda as presented in document EAPVPF/13/01 Draft 1 was adopted by the meeting.

Report on recent development in UPOV

7. The meeting noted the report on recent development in UPOV reported by the UPOV Office.

Presentation on updated Individual Implementing Strategies and the proposal of the national-specific Cooperation Activities in 2020-2021 under the 10-Year Strategic Plan, if any

8. The meeting noted the updated Individual Implementing Strategies of the 10-Year Strategic Plan as appendices to document EAPVPF/13/02, as presented by Brunei Darussalam as in document EAPVPF/13/02_01, Cambodia as in document EAPVPF/13/02_02, China as in document EAPVPF/13/02_03, Indonesia as in document EAPVPF/13/02_04, Japan as in document EAPVPF/13/02_05, Lao People's Democratic Republic as in document EAPVPF/13/02_07, Malaysia as in document EAPVPF/13/02_08, Myanmar as in document EAPVPF/13/02_09, Philippines as in document EAPVPF/13/02_10, Singapore as in document EAPVPF/13/02_11, Thailand as in document EAPVPF/13/02_12, and Viet Nam as in document EAPVPF/13/02_13, as provided in Annex II.

The meeting noted the country report presented by Republic of Korea as presented in document EAPVPF/13/02_06 .

9. The meeting also noted the proposals of national-specific Cooperation Activities in 2020-2021 presented by Indonesia, Myanmar, Thailand and Viet Nam.

Report of the Cooperation Activities in 2019-2020

10. The meeting noted the report of the Cooperation Activities in 2019-2020 as provided in document EAPVPF/13/06 Draft presented by the Forum Office as provided in Annex III to this report.

Report of the EAPVP Pilot Project Meeting

11. The meeting noted the report of the EAPVP Pilot Project as provided in document EAPVPF/13/03, as provided in Annex IV to this report.

The list of the Cooperation Activities in 2020-2021

12. The meeting adopted the list of the Cooperation Activities in 2020-2021 as provided in document EAPVPF/13/04 Draft presented by the Forum Office deleting the proposal of "Formulating Best Practice of Database on Plant Variety Protection" proposed by Indonesia as provided in Annex V to this report.
13. The meeting noted that China is willing to host technical training, seminar/workshop and to send experts to share their experiences, supported by EAPVP Forum.
14. The meeting noted that implementation of the adopted Cooperation Activities in 2020-2021 will be subject to the availability of the financial resources and experts including online training.

Host country for the 14th EAPVP Forum Annual Meeting

15. The meeting agreed with the proposal by Brunei Darussalam to host the 14th EAPVP Forum Annual Meeting in the second quarter of 2021.

Other matters

16. The meeting adopted this report at the close of the 13th Annual Meeting on 25 November 2020.

[Annexes follow]

Annex I

LIST OF PARTICIPANTS

1. Members

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[Annex II follows]

INDIVIDUAL IMPLEMENTING STRATEGIES OF THE 10-YEAR STRATEGIC PLAN

EAPVPF/13/02 01 INDIVIDUAL IMPLEMENTING STRATEGY OF BRUNEI DARUSSALAM

1. National goal (for next 10 years: 2020 to 2029)

1-1. To create awareness on the PVP system and encourage greater breeding practice.

1-2. To strengthen cooperation with UPOV Members particularly in capacity building in DUS examination and developing Test Guidelines.

1-3. To promote greater self-sufficiency in rice production for the nation.

1-4 To develop local expertise in conducting DUS Examination.

2. Objectives with analysis of challenges (for next 3 years)

2-1 Challenges

2-1-1 Lack of awareness on importance of protection and utilization of IP rights amongst breeders and relevant stakeholders.

2-1-2 Lack of technical expertise and facilities in conducting technical DUS examination

2-1-3 Insufficient public-private partnership to facilitate greater breeding activities and development of new breeding technology.

2-2 Objectives

2020

National relation objectives:

2-2-1 To finalise preparation for accession to UPOV by the target dateline within FY2020/2021

2-2-2 To raise awareness on the advantage of the PVP system and facilitate application to our potential stakeholders.

International relation objectives:

2-2-3 To strengthen cooperation with UPOV Members particularly in capacity building to improve the general management of our PVP Office.

2-2-4 To establish partnership with foreign PVP Offices in relation to technical DUS Examination and developing Test Guidelines.

2021

2-2-5 To establish a registry for PVP in our IP Office

- 2-2-6** To undertake a Study Visit to a relevant UPOV Member Country as part of preparation for accession to UPOV.
- 2-2-7** To raise awareness with relevant stakeholders and explore potential new breeds for fruits and flowers.

2022

- 2-2-8** To participate in pilot project aimed at harmonizing PVP Mechanism in Asia under EAPVPF with the assistance of the UPOV members and the UPOV Office.
- 2-2-9** To promote greater awareness on the PVP system through the development of publicity material in cooperation with UPOV members.

3. Planned activities and Road map (for next 3 years)

- 3-1** To conduct public awareness activities in collaboration with EAPVP and/or UPOV member countries.
- 3-2** To engage with the relevant stakeholder and promote potential new breeds for fruits and flowers.
- 3-3** Once a member of UPOV, to actively participate in UPOV's meetings and seminars.

EAPVPF/13/02 02 INDIVIDUAL IMPLEMENTING STRATEGY OF CAMBODIA**1. National goal (for next 10 years: 2020 to 2029)**

1. The protection of new variety of plants as a form of Intellectual property (IP) is an important stimulus to private investment in plant breeding and the introduction of protected varieties for production and marketing.
2. The introduction of plant variety protection, companies or their local agents are encouraged to conduct trials of new varieties in the main production areas or in the research stations.
3. The regional cooperation and harmonization on application, examination and granting procedures towards the effective PVP system for the breeders in the region should be promoted and strengthen.

2. Objectives with analysis of challenges (for next 3 years)**Main activity 2020**

- Establishing Department of Crop Seed (DCS) under General Directorate of Agriculture (GDA) to conduct the technical work for examining new varieties, while Department of Industrial Property (DIP), General Department of Industry (GDI) works with the administrative guideline for registration of PVP,
- Drafting the joint-declaration on **New Plant Variety Protection** between MAFF and MTIS,
- Facilitating in the registration of two mango varieties in PVP system.

Main activity 2021

- Strengthening the capacity building of relevant institution and human resource related legal, administrative and technical in line with regional and international practices as PVP system,
- Developing the PVP procedure and examination guideline for testing the new varieties of some potential crops,
- Raising awareness on the role and responsibilities of government regulatory bodies and endorsed law, regulation and declaration related to New Plant Variety Protection,
- Improving facilities in stations/experiment farms related the seed quality control and DUS testing.

Main activity 2022

- Extending the workshop, seminars or training related to PVP, DUS test and quality control system to relevant stakeholder at national and sub-national level,
- Seeking the technical support and cooperation in capacity building in DUS examination and development of test guideline,

- Participate workshop, seminars and training relating PVP, DUS test and quality control system in the region and the world.

3. Planned activities and Road map (for next 3 years)

- Develop the PVP procedure and DUS test guideline for some potential crops (rice, corn, soybean, mungbean and vegetables) aligned with UPOV guideline (2021-2022),
- Capacity building of relevant institution (MAFF, MTIS) and human resource related legal, administrative and technical aspects of PVP system (2021-2023),
- Raise awareness on the role and responsibilities of government regulatory bodies and endorsed law, regulation and declaration related to New Plant Variety Protection (2021-2022),
- Conduct workshop, seminars or training related to PVP, DUS test and quality control system to relevant stakeholder at national and sub-national level (2021-2023),
- Participate workshop, seminars and training relating PVP, DUS test and quality control system in the region and the world (2021-2023),
- Seek the technical support and cooperation in capacity building in DUS examination and development of test guideline (2021-2023),
- Conduct the study visit of government regulatory bodies to gain hand-on experience and knowledge on PVP system, DUS test and seed quality control system in the region (2021-2022),
- Improve facilities in stations/experiment farms related the seed quality control and DUS testing (2021-2022).

4. Proposal of Cooperation Activity (Members who submitted proposals ONLY. The proposals will be presented with explanation of relevance to its 10-YSP)

- Straighten the capacity of national competency authority in PVP system, DUS test and seed quality control system in Cambodia (Proposed),
- Study visit of national competency authority to learn the experience in implementing PVP, DUS test and seed quality control in the regions (Proposed).

EAPVPF/13/02_03 INDIVIDUAL IMPLEMENTING STRATEGY OF CHINA

1. National goal (for next 10 years: 2020 to 2029)

I. On one hand, to enhance of China's PVP system and to provide a stronger and more effective protection of PBR.

--Legislation: China will push forward the revision of PVP Regulations to provide a stronger and more effective protection of PBR.

--DUS examination: China will establish more DUS test sub-centers/stations to improve technical capacity and efficiency of DUS testing and examination.

--Test Guidelines: China will develop more Test Guidelines for covering more plant genera or species and to harmonize Test Guidelines and other relevant protocols regionally as well as internationally.

--Enforcement: China will take measures to raise awareness of PBR protection and respectation of intellectual property rights, intensify law enforcement, to build a good business environment.

II. On another hand, to provide the assistance for EAPVP Forum member to establish and implementation of their PVP system. With supports of EAPVP Forum, if possible, China is willing to host technical training courses, technical seminars or workshops for the participants from the EAPVP members in China. If invited, China could send our experts to the inviting country/organization to share our experience in the field of PVP and DUS and take part in seminar or workshop for discussion on the technical aspects of them, aiming to enhance PVP capability and enhance PVP system together.

2. Objectives with analysis of challenges (for next 3 years)2020

The PVP Office of MARA, China planned to invite UPOV members among the EAPVP Forum to attend Seminar on PVP in the first half of this year and host a PVP training course for the east Asia region in the second half of this year. Owing to the COVID-19 epidemic, neither of them are implemented.

2021

In the year of 2021, if possible, China is willing to host technical training courses, technical seminars or workshops for the participants from the EAPVP members in China, with supports of EAPVP Forum or China. If invited, China could send our experts to the inviting country/organization to share our experience in the field of PVP and DUS and take part in seminar or workshop for discussion on the technical aspects of them, aiming to enhance PVP capability and enhance PVP system together.

2022

In the year of 2022, if possible, China is willing to host technical training courses, technical seminars or workshops for the participants from the EAPVP members in China, with supports of EAPVP Forum. If invited, China could send our experts to the inviting country/organization to share our experience in the field of PVP and DUS and take part in seminar or workshop for discussion on the technical aspects of them, aiming to enhance PVP capability and enhance PVP system together.

3. Planned activities and Road map (for next 3 years)

I. To host technical training course in the field of PVP and DUS in China, if all resources are met

II. If invited, China is willing to send our experts to share experience to the inviting country/organization, if all resources are met

III. To host technical seminar or workshop on PVP or DUS for the EAPVP Forum members in China, if all resources are met

IV. If invited, China is willing to send our experts to take part in seminar or workshop for discussion on the technical aspects in the field of PVP and DUS, if all resources are met

4. Proposal of Cooperation Activity (Members who submitted proposals ONLY. The proposals will be presented with explanation of relevance to its 10-YSP.)

Since China hosted seminars or training courses on PVP or DUS for the EAPVP Forum members successfully, several times, supported by the Forum, it has some experience on organization the regional activities and have a good relations with stakeholders. Therefore, China would like to host the above events in the future with the supports of EAPVP Forum.

EAPVPF/13/02 04 INDIVIDUAL IMPLEMENTING STRATEGY OF INDONESIA**1. National goal (for next 10 years: 2019 to 2028)**

- *To increase number of granted varieties*
- *To enhance the capacity of breeders and increase number of breeders*
- *To increase national quality seed with competitive values in both domestic and international market*
- *Seed industry become primary national income for agriculture sector*

2. Objectives with analysis of challenges (for next 3 years)

Year		Challenges	Objectives		Remarks
2021	1)	Number PVP Rights application is quite low (in average 60 varieties per year)	1)	Dissemination program on the benefit of PVP System	PVP Goes to Universities (continues)
			2)	Award for Breeders	2021
			3)	Developing electronic system	Integration of PVP electronic system
	2)	Impact of Omnibus Law Legal confirmation to PVP Law	Develop 3 Government regulation related to PVP: a) License b) Transfer of rights c) Terms & procedures for PVP application		First draft will start on 2021 to 2022
	3)	Local variety regulation still on Law of PVP	Legal drafting participation on Government regulation of Plant Genetic Resources as a legal protection for Local variety		Indonesian Center for Agricultural Biotechnology and Genetic Resource Research and Development as a focal point
2022	Low in International cooperation in PVP and Seed Industry Development		1)	Conducting dialogue on PVP and seed system regulator	2022
			2)	Policy Paper on UPOV membership	2019-2022

2023	1)	Finishing first draft accessing as UPOV member	1)	Academic Paper on UPOV membership	Not yet
			2)	Consultation with parliament	Not yet
	2)	Full electronic system on PVP application	Full connected with Indonesia plant varieties database management		Consolidation with working unit which have responsibility with seeds and plant varieties.

3. Planned activities and Road map (for next 3 years)

Regulation:

1. Revision on Tariff (final inter department hearing) (2021)
2. *Revision on implementing procedure such as regulation/Simplify the application (2021)*
3. Construct government regulation related to PVP as implementation of Omnibus law (2021)
4. *Starting to initial phase to contribute and discuss in developing the Government regulation on Plant Genetic Resources use (2021-2022)*
5. *Consultation with parliament (2023)*

Human Resources and Infra Structure

1. *DUS testing and related training*
2. *Recruit technical staffs*
3. *Restructuring personnel pattern (PVP Examiner)*

Seminar /Workshop

1. *Dissemination Awareness Program to Universities (2021-2023)*
2. *Research & Policy Studies on seed and UPOV (2021-2022)*
3. *More FGD with seed industry, farmers, breeders Policy Studies on Seed & UPOV (2021-2023)*

Short term [2018-2020]	Medium term [2021-2022]	Long term [2023-2024]
Enhance the national Human Resources capacity for plant breeder's	More varieties produce that suitable with Farmers Need, and excellent rate of PVP applications	Indonesia Seed Industry become one of the Main Agriculture seed industry in Asia
Harmonized Regulation system between PVP and Seed Production system	Harmonized all International agreement related with PVP, Plant Genetic resources and Seed production	Indonesia will be an active participant in various international agreements in PVP and Seed Production
More FGD with International/National expert in the issue's The effective PVP system, and The benefit of UPOV membership	National Convention on the issue of Indonesian Membership of the UPOV	Indonesia as a UPOV Members

EAPVPF/13/02 05 INDIVIDUAL IMPLEMENTING STRATEGY OF JAPAN

1. National goal (2018 to 2027)

- 1-1. To strengthen PVP system to promote various types of plant breeding activities
- 1-2. To promote harmonization and cooperation of PVP system internationally for breeders to exercise their PBR effectively
- 1-3. To facilitate process for the EAPVP Forum members to establish PVP system in line with the UPOV Convention towards achieving all Forum member's membership of UPOV by 2027

2. Objectives with analysis of challenges (for next 3 years)

2-1. Challenges

- 2-1-1 Lack of awareness around importance of the protection and utilization of the PVR
- 2-1-2 Unintended outflow of plant varieties developed in Japan to overseas that cause production, selling, marketing abroad without authorization or consent of breeders, which may undermine competitiveness and may lose overseas markets
- 2-1-3 Stagnation in number of applications for PBR in Japan
- 2-1-4 Promote partnership between public and private sector to develop new plant varieties adapting to changing environment, i.e., needs of farmers, growers and consumers, adaption to climate change, and development of new breeding technology

2-2. Objectives

2020

National relations:

- 2-2-1 To raise awareness of PBR and facilitate application of PBR abroad to protect new plant varieties
- 2-2-2 To review the Plant Variety Protection and Seed Act and its regulations with a view to providing PBR holders with legal measures to exercise their rights effectively. (The deliberation of the bill to amend the Plant Variety Protection and Seed Act have started in November 2020.)
- 2-2-3 To improve administrative procedure for filing applications for PBR in internationally harmonized manner with user-friendly tools including MAFF Electronic Application System for Plant Variety Protection (EASPVP)

International relations:

2-2-4 Under the EAPVP's 10-Year Strategic Plan;

- To encourage and support establishment of PVP laws in line with the 1991 Act of the UPOV Convention in Asian countries in collaboration with the UPOV and other authorities for economic development in the region and proper investment by the Japanese seed industry
- To support capacity building for implementation of internationally harmonized PVP system
- To facilitate the EAPVP Pilot Project to establish a PVP Platform for further harmonization and cooperation of application and examination procedures in collaboration with the UPOV and other authorities

2-2-5 To strengthen bilateral cooperation with partner countries/organizations for mutual supports and further harmonization to achieve reliable and robust PVP system

2-2-6 To promote cooperation in DUS examination between Japan and UPOV members to reduce time and resources for both breeders and PVP authorities.

2021 and 2022

2-2-7 To facilitate the EAPVP Pilot Project under the EAPVPF's 10-YSP in collaboration with the UPOV and other authorities

2-2-8 To increase mutual exchange DUS test report among UPOV member countries

3. Planned activities and Road map (for next 3 years)

3-1 Conduct comprehensive topics with a view to addressing issues provided in 2-2

3-2 Streamline application and examination proceedings, including enhanced use of domestic electronic application system (2020-2022)

3-3 Expand bilateral/regional cooperation activities to improve and harmonize PVP system in Asian region (2020-2022)

Note: The above-mentioned road map may be revised reflecting situation surrounding PVP system.

EAPVPF/13/02 06(1) COUNTRY REPORT ON PROGRESS OF PVP SYSTEM IN KOREA**1. 3 PVP Organizations in Korea**

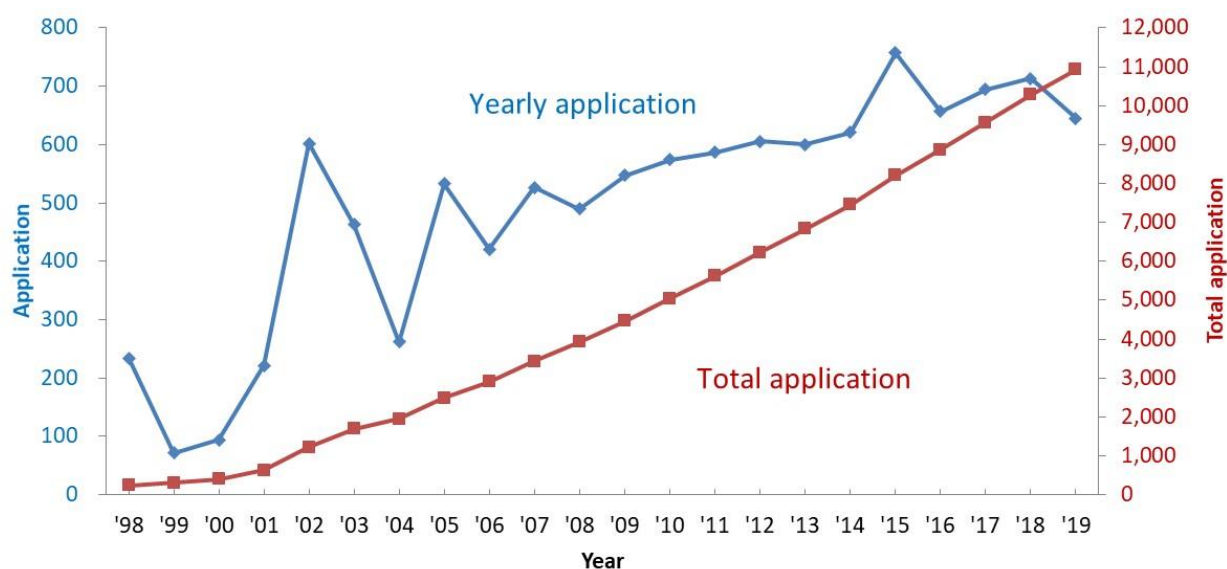
- Agricultural plants: Korea Seed and Variety Service, Ministry of Agriculture, Food and Rural Affairs
- Forestry plants: National Forest Seed Variety Center, Korea Forest Service
- Aquatic plants: Aquatic Plant Variety Center, Ministry of Oceans and Fisheries

2. Statistics**2-1. Total applications & granted PBRs (by 31 Dec. 2019)**

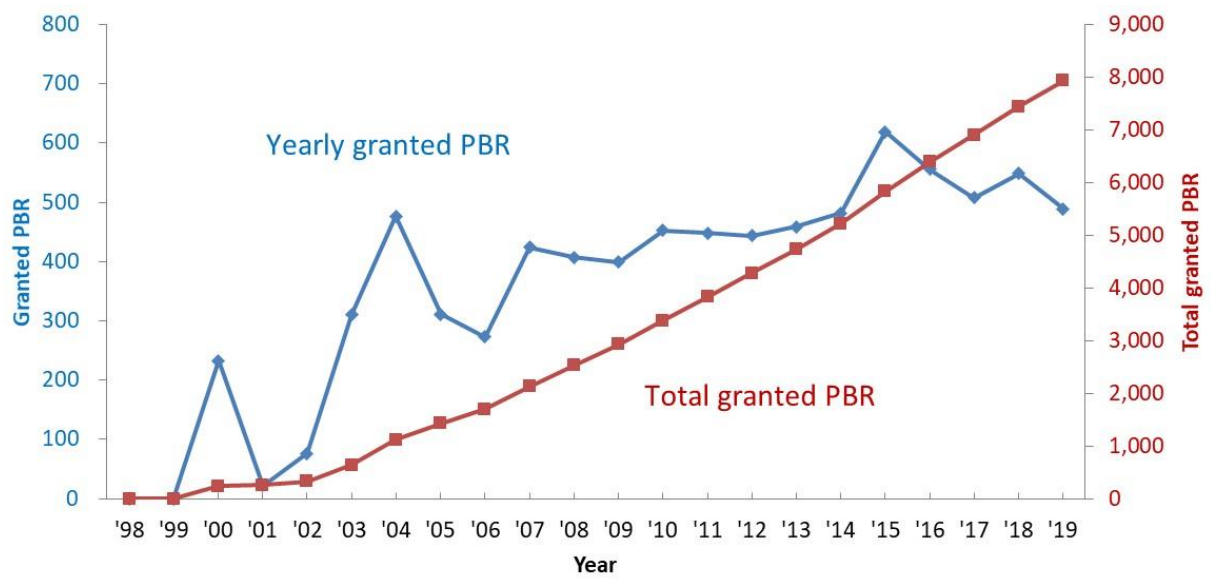
- Total number of applications: 11,421
(10,920 Agricultural, 462 Forestry, and 39 Aquatic plants)
- Total number of granted PBRs: 8,166
(7,939 Agricultural, 208 Forestry, and 19 Aquatic plants)

2-2. Statistical data in agricultural plants (by 31 Dec., 2019)

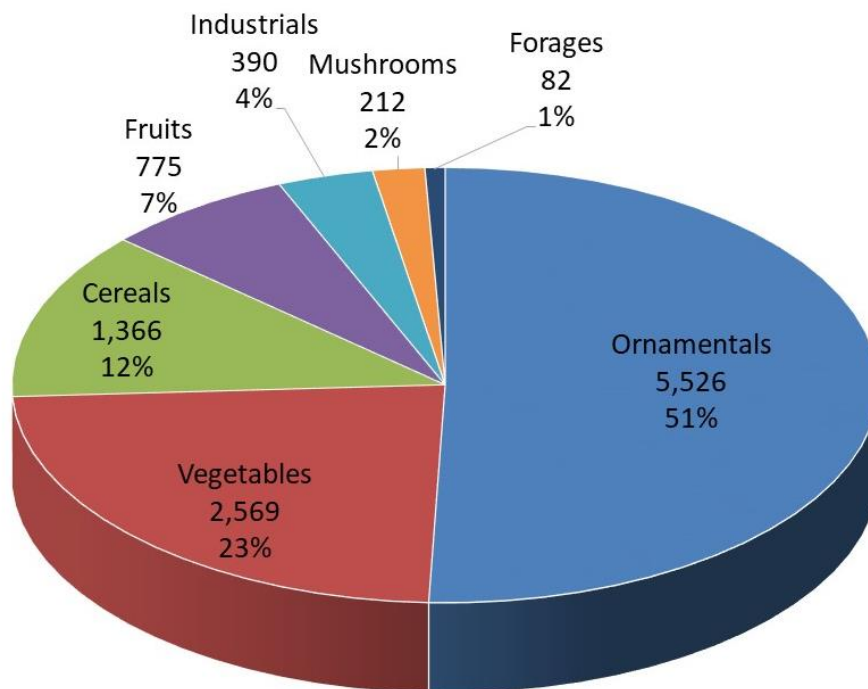
- Applications by Year



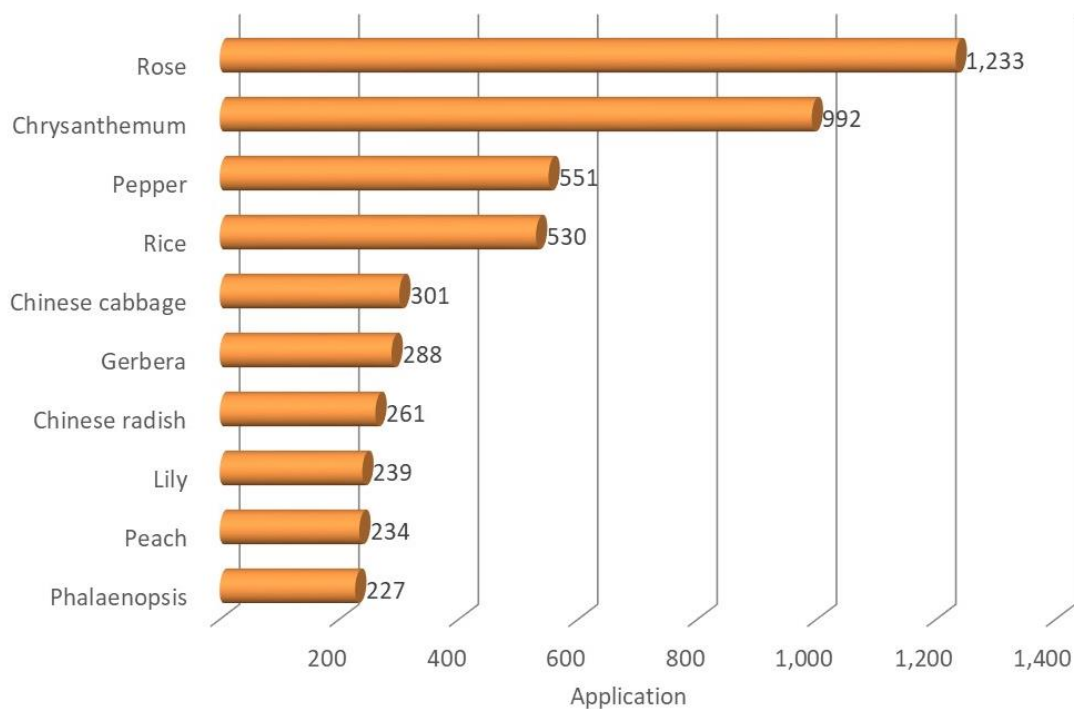
- Granted PBR by Year



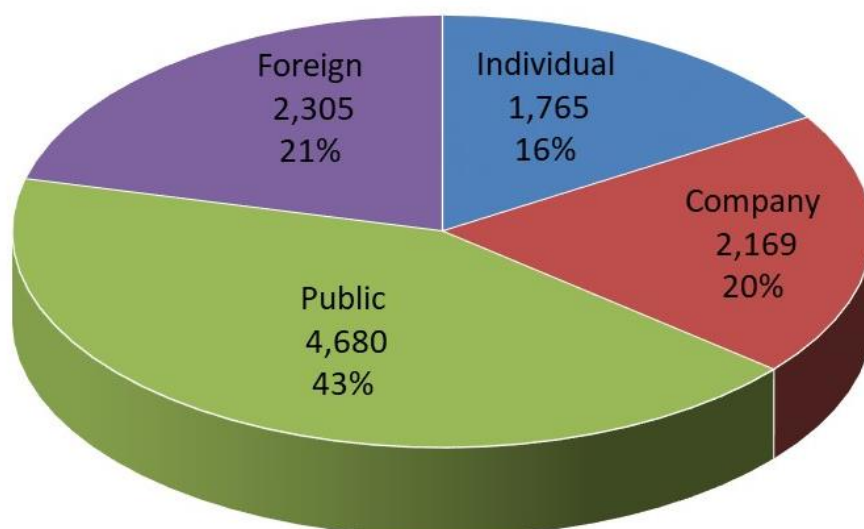
- Applications by Usage



- Applications of top 10 plants



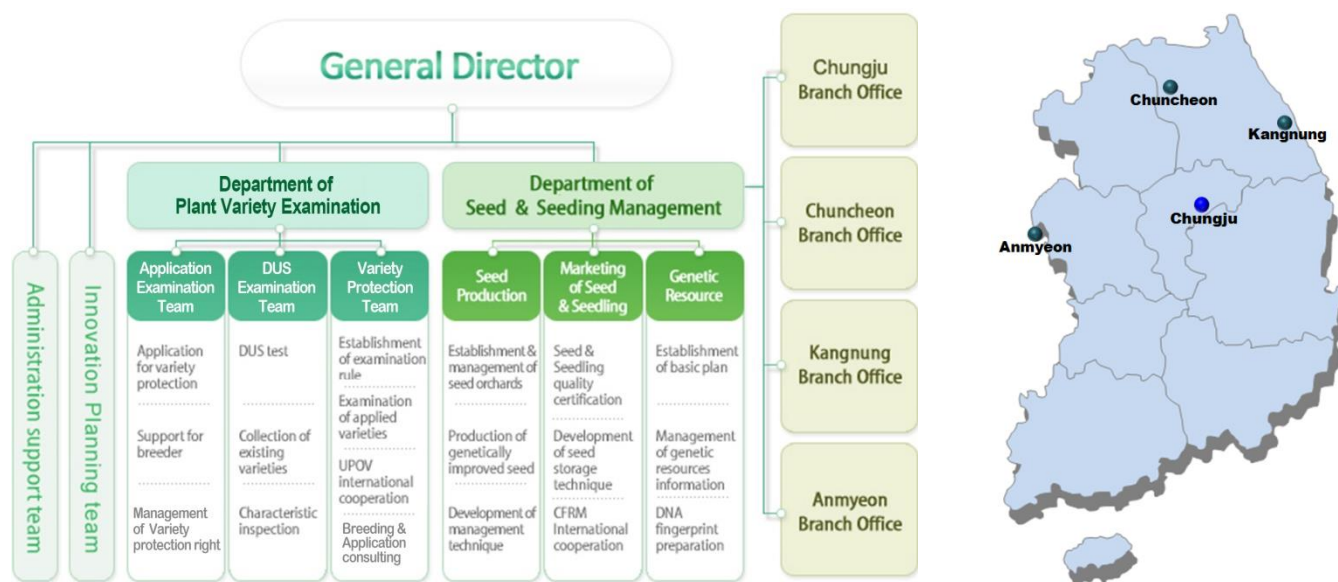
- Ratios by applicants



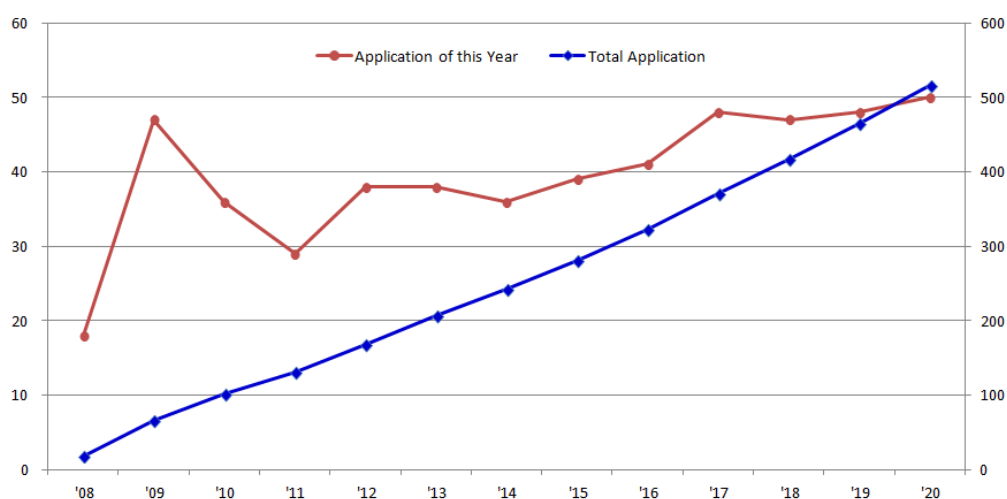
3. International cooperation of KSVS

3-1 DUS growing trial for Singapore

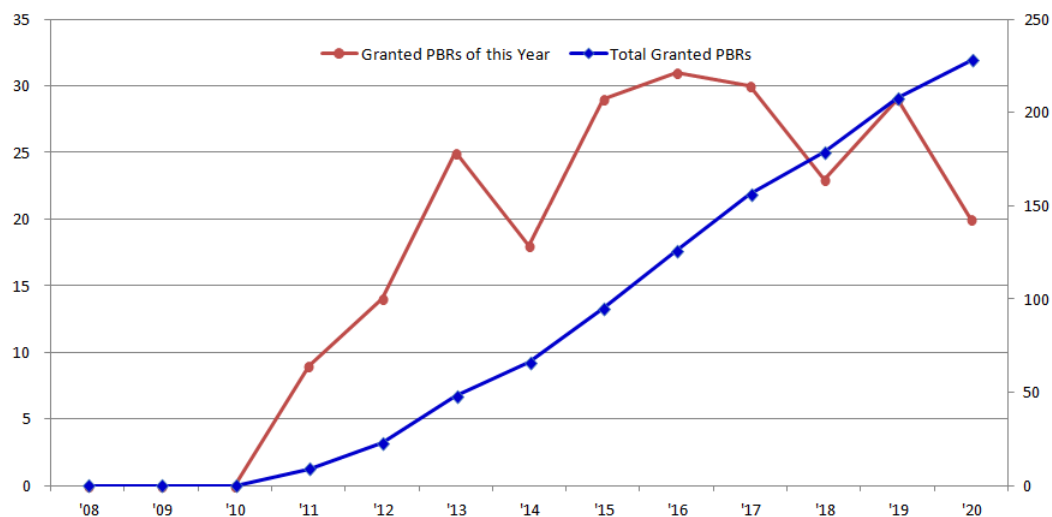
- Trial: Rice, Kiwi(3varieties)
- Newly accepted: Kiwi, Strawberry, Marguerite(3varieties)

EAPVPF/13/02 06 (2) COUNTRY REPORT OF KOREA*prepared by NFSV(National Forest Seed Variety Center in Korea)***1. NFSV (National Forest Seed Variety Center) Organization****2. Applications and Granted PBRs (2020)**

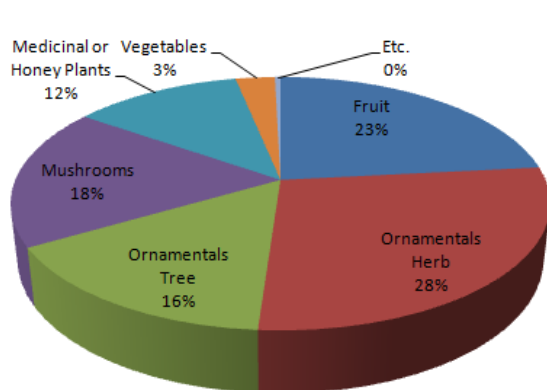
• Total Number of Applications: 515



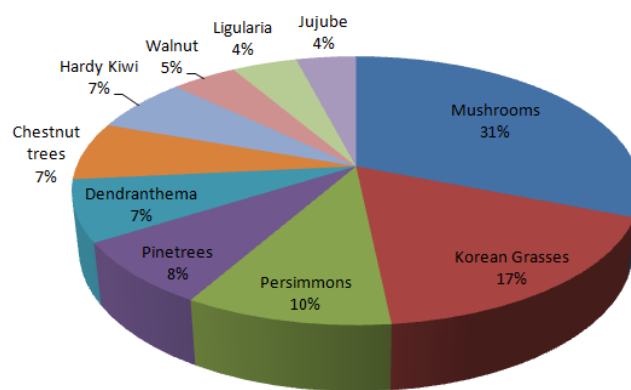
- Total Number of Granted PBRs: 228



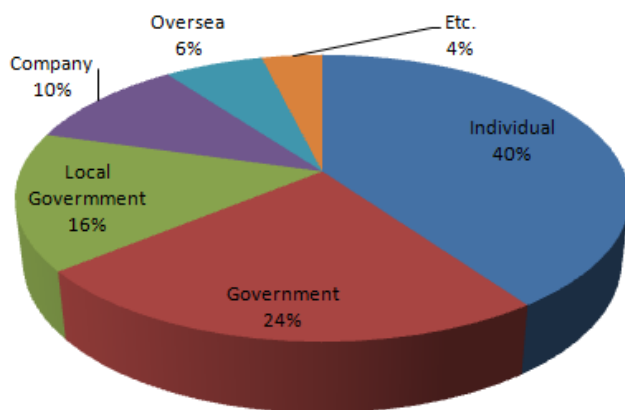
3. Application Statistical data (Nov. 2020)



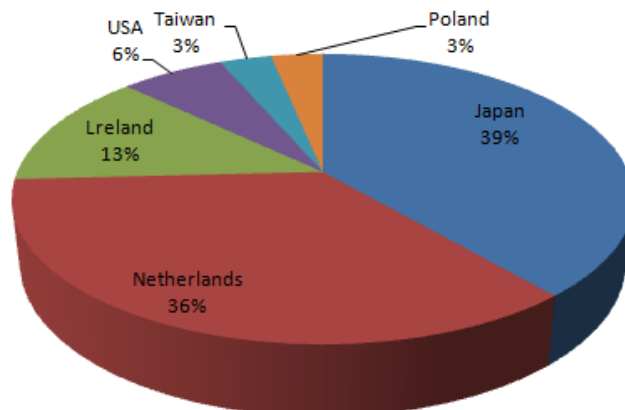
Classification by Use



Top 10 of Similar Variety Group (271 / 497, 54.5%)



Applicant Types



Overseas Varieties Nationality (31 / 497, 6.2%)

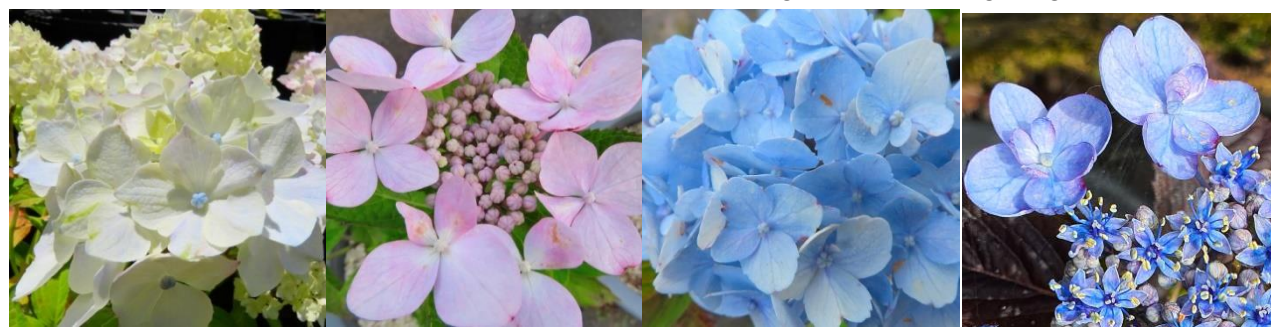
4. Photographs of Granted PBRs



5. Photographs of applied varieties bred from Endemic plants in Korea (2020)



Pulsatilla x tongkangensis Y.N.Lee & T.C.Lee 'Aura Jahong', 'Aura Cheonghong'



Hydrangea serrata f. *fertilis* Nakai 'Jejuilchul', 'Jejuoreum', 'Jejubada', 'Jejudochaebi'

EAPVPF/13/02 07 INDIVIDUAL IMPLEMENTING STRATEGY OF LAO PDR

1. National goal (for next 10 years: 2020 to 2029)

Development of plant variety legislation and seed quality control system based on the UPOV Convention

2. Objectives with analysis of challenges (for next 3 years)

2020

2-1-1. Develop a priority crops for evaluation of varieties

2-1-2. Setup the organization taking on variety testing of DUS protocols base on the UPOV guideline.

2-1-3. Seeking a cooperation in capacity building particularly in PVP, DUS examination and seed quality control and developing Test Guidelines.

2-1-4. Conduct workshops, seminars or training related to PVP and DUS Test and quality control system under UPOV convention.

2-1-5. Dissemination of seed policy, seed decree and other handbook related plant variety legislation, plant breeding, seed control to the staff, farmers and private sectors.

2021

2-2-1. Dissemination of the plant variety legislation to the high level officer, staff and private sector.

2-2-2. Seeking a cooperation in capacity building particularly in DUS examination and developing Test Guidelines.

2-2-3. Conduct and Participate workshops, seminars or training related to PVP and DUS Test and quality control system.

2022

2-3-1. Development /Establishment the DUS Test Section/Center.

2-3-2. Conduct and Participate workshops, seminars or training related to PVP and DUS Test and quality control system

3. Planned activities and Road map (for next 3 years)

- 3-1. Developed seed policy, seed decree, plant variety legislation and other handbook related plant variety legislation, plant breeding, seed control (2019)
- 3-2. Dissemination of seed policy, seed decree and other handbook related plant variety legislation, plant breeding, seed control to the staff, farmers and private sectors (2020-2021)
- 3-3. Establish the station or section for plant and seed testing agency (2019)
- 3-4. Developed of Test Guidelines (2020)
- 3-5. Conduct DUS test on rice and Maize (2019-2020)
- 3-6. Participate workshops, seminars or training related to PVP and DUS Test and quality control system (2019-2021)
- 3-7. Conduct workshop/training related to PVP and DUS Test on rice, maize and quality control system (2019-2021).

4. Proposal of Cooperation Activity (Members who submitted proposals ONLY. The proposals will be presented with explanation of relevance to its 10-YSP.)

Title: *Awareness Workshop on UPOV and Legal Consultation*

Expectation: DIP and Relevant Agencies to able to gap the overview of the UPOV Convent and a better understanding of the Legal Aspect of the UPOV with Purpose to gain support from others Agencies on the accession to the said convention in the future

Propose Activities:

- 1. To understanding of the UPOV convention, the best practices of implementation, information sharing and lesson learnt.
- 2. To raise understanding and Discussion the way forward with new IP law and legal aspect of UPOV Convention, this will be helpful for strategizing Lao' legal system to be in line with UPOV.

Proposed Venue: Lao plaza Hotel, Vientiane, Lao PDR.

Expected target groups: MOST, MAF, MOIC, MOH, MOJ about 50 participants

EAPVPF/13/02_08 INDIVIDUAL IMPLEMENTING STRATEGY OF MALAYSIA**1. National goal (for 2020)**

Malaysia has organized a Legal Consultation on Harmonisation of the Protection of New Plant Varieties with UPOV Convention 1991 on January 2016 and August 2018.

The purpose of the Legal Consultation is:

- a) to seek harmonisation and alignment with UPOV Convention 1991;
- b) enhance better understanding of PVP;
- c) establish legal consultation; and
- d) strengthened good relationship between Malaysia and UPOV.

Forum meeting took note comments from UPOV and has discussed further internally on some of the provisions commented by Legal Advisors from UPOV and Ministry of Agriculture (MOA) on September 2018, revised and finalized on February 2019.

Base on Malaysia's policy, all amended act need to go through the Regulatory Impact Analysis (RIA) process in order to enhance transparency, fairness and accountability. Therefore, Stakeholder Consultation with breeders, PVP Agents, Growers Association, Genetic Society of Malaysia and NGO has been conducted since 2019 and early this year to explain the issues, objectives and the impact of the amended act. However, due to the pandemic situation, the stakeholder consultation has to be suspended until the situation is rocovered.

The purpose of the Stakeholder Consultation is:

- a) To get views, concerns and recommendations from various stakeholders on each clause in the draft of The Protection of New Plant Varieties Bill which has been drafted in line with UPOV Convention 1991; and
- b) To provide opportunities to who will likely be affected or have an interest to fully understand the PVP System.

Meeting took note comments from each participants and has discussed further internally on some of the provisions commented by each participants and will put into consideration each comments.

2. Objectives with analysis of challenges (for next 3 years)**The objectives of Malaysian PVP in 2019:**

- (a) Engagement session with stakeholders such as breeders, PVP Agents, Farmer's Association, Crop Association, Seed Importers and NGOs;

The objectives of Malaysian PVP in 2020 (Suspend)

- (b) Engagement session with stakeholders such as DOA's Top Management, DOA Sabah, DOA Sarawak, related government agencies and universities

The objectives of Malaysian PVP in 2021

- (c) Final legal consultation with UPOV;

(d) Submission of The New Plant Variety Protection 20XX Bill to DOA's and Ministry of Agriculture and Food Industry (MAFI) Legal Advisor's Office for final checking.

3. Planned activities and Road map (for next 3 years)

Planned activities

In order to strengthened Malaysia's Plant Variety Protection System, to finalise and ensure that it is in already line with UPOV 1991 before tabling in Parliament, Malaysia would like to propose an activity (details stated in the proposal) as stated below:

3RD Legal Consultation on Harmonisation of Protection of New Plant Varieties 20XX with UPOV Convention 1991 (Proposed date, April-May2021)

Road map

The Road Map for the next three years (2019 - 2021) is as follows:

No.	TOPIC	PROPOSED DATE	ACTUAL DATE
1	Workshop to revise Protection of New Plant Varieties Act 20XX with Ministry of Agriculture and Agro-based Industry (MOA) Legal Advisor and Drafting Team, Session 1/2019 (Regarding Ouster Clause)	18 – 19 February 2019	18- 19 February 2019
2	Legislation committee meeting (JKP).		17 January 2019
3	RCEP meeting by Ministry of Agriculture (International)		19 April 2019
4	Meeting with Chief Secretary of Ministry of Agriculture about UPOV and NGO's Memorandum regarding UPOV 1991 in RCEP		25 April 2019
5	Stakeholder Consultation on Amendment PNPV Act 2004 with breeders and agents	15 May 2019	15 May 2019
6	Stakeholder Consultation on Amendment PNPV Act 2004 with Farmer's Association	16 May 2019	16 May 2019
7	Presentation about amendment of PVBT 2004 Act to Minister.		24 May 2019
8	Consultation Session with NGO's regarding Seed Act Bill and amendment of PVBT 2004 Act		28 May 2019
9	Stakeholder Consultation on Amendment PNPV Act 2004 with NGO's	19 September 2019	19 September 2019
10	Stakeholder Consultation on Amendment PNPV Act 2004 with Genetic Society of Malaysia and Seed companies	19 September 2019	19 September 2019

No.	TOPIC	PROPOSED DATE	ACTUAL DATE
11	Wrap-up Session: Outcome from the consultation session with NGO's, Genetic Society of Malaysia and Seed companies	20 September 2019	20 September 2019
12	Stakeholder Consultation on Amendment PNPV Act 2004 with Directors of Integrated Agricultural Development Area (IADA), Director of Agriculture Sabah and Sarawak.	22 October 2019	Suspend
13	Presentation of amendment of PVB 2004 Act to Plant Variety Board members	12 November 2019	12 November 2019
14	Stakeholder Consultation on Amendment PNPV Act 2004 with Directors of each Division in Department of Agriculture	14 Feb 2020	14 Feb 2020
15	Briefing to Minister and Deputy Minister 1 & 2, Ministry of Agriculture and Food Industry on the status of the draft of The New Plant Variety Protection 20XX Bill.	5 November 2020	5 November 2020
15	Engagement session with NGO's	November 2020	Suspend
16	Stakeholder Consultation on Amendment PNPV Act 2004 with Sabah state Department of Agriculture	Feb 2021	
17	Stakeholder Consultation on Amendment PNPV Act 2004 Sarawak state Department of Agriculture	Feb 2021	
18	Workshop to revise Protection of New Plant Varieties Act 20XX with Ministry of Agriculture and Food Industry (MAFI) Legal Advisor and Drafting Team (Technical Issues)	February 2021	
19	Workshop to revise Protection of New Plant Varieties Act 20XX with Ministry of Agriculture and Food Industry (MAFI) Legal Advisor and Drafting Team (Policy Issues)	February 2021	
20	Preparation of final version of Protection of New Plant Varieties Act 20XX (Secretariat).	March 2021	
21	RIS workshop with Malaysian Productivity Corporation (MPC)	April 2021	
22	Presentation on Risk Impact Analysis (RIA) report to Technical committee of PVP	April 2021	
23	Preparation of Cabinet Notes	April 2021	
24	Submit Cabinet Notes to MAFI	April 2021	

No.	TOPIC	PROPOSED DATE	ACTUAL DATE
25	Preparation Clean Draft of PVP Act	May 2021	
26	Submit to Legal Advisor for comments and to submit to Attorney General Chamber's Office	May/June 2021	
27	Preparation for 2 nd Cabinet Note (with clean draft)	September 2021	
28	Submit to Parliament	October 2021	

EAPVPF/13/02_09 INDIVIDUAL IMPLEMENTING STRATEGY OF MYANMAR

1. National goal (for next 10 years: 2020 to 2029)

- i. Intend to enforce the 2019 New Plant Variety Protection Law with articles which are in line with UPOV 1991 act.
- ii. .Intend to raise awareness of the important of PVP system for contribution agricultural sector development.
- iii. .Intend to become UPOV member as a foundation of encouraging the development of new plant varieties for all stakeholders of the regime to contribute for developing sustainable agriculture and achieving food security.
- iv. To promote regional harmonization on application, examination and granting procedures towards the effective and cooperative PVP system for the breeders in the region.

2. Objectives with analysis of challenges (for next 3 years)

2020

- To raise awareness of the important of PVP system for contribution agricultural sector development
- To promote regional harmonization on application, examination and granting procedures towards the effective and cooperative PVP system for the breeders in the region.

2021

- To raise awareness of the important of PVP system for contribution agricultural sector development
- To become UPOV member as a foundation of encouraging the development of new plant varieties for all stakeholders of the regime to contribute for developing sustainable agriculture and achieving food security.
- To promote regional harmonization on application, examination and granting procedures towards the effective and cooperative PVP system for the breeders in the region.

2022

- To raise awareness of the important of PVP system for contribution agricultural sector development
- To become UPOV member as a foundation of encouraging the development of new plant varieties for all stakeholders of the regime to contribute for developing sustainable agriculture and achieving food security.

- To promote regional harmonization on application, examination and granting procedures towards the effective and cooperative PVP system for the breeders in the region.

3. Planned activities and Road map (for next 3 years)

“For 2020, objective (1)”

Carrying out the PVP system awareness workshops, seminars and study visit via online or offline with collaboration with PVP partners

“For 2020, objective (2)”

Adoption on knowledge sharing in case of DUS administrative and technical way through formulating the data base for reference varieties of main crops, establishing National DUS test stations and regional collaborations. (training & implementation own stations)

“For 2021, objective (1)”

Carrying out the PVP system awareness workshops, seminars and study visit via online or offline with collaboration PVP partners

“For 2021, objective (2)”

Preparing the required internal procedure to apply and to become UPOV member

“For 2021, objective (3)”

Adoption on knowledge sharing in case of DUS administrative and technical way through formulating the data base for reference varieties of main crops, establishing National DUS test stations and regional collaborations. (training & implementation own stations)

“For 2022, objective (1)”

Carrying out the PVP system awareness workshops, seminars and study visit via online or offline with collaboration PVP partners

“For 2022, objective (2)”

Preparing the required internal procedure to apply and to become UPOV member

“For 2022, objective (3)”

Adoption on knowledge sharing in case of DUS administrative and technical way through formulating the data base for reference varieties of main crops, establishing National DUS test stations and regional collaborations. (training & implementation own stations)

4. Proposal of Cooperation Activity (Members who submitted proposals ONLY. The proposals will be presented with explanation of relevance to its 10-YSP.)

ACTIVITY -1
PROPOSAL OF COOPERATION ACTIVITY - 1

Proposed Date	April, 2021
Country	Myanmar
Title of program	Development of National Test Guideline of Rice and Green gram
Responsible Department/Division/Office	Plant Variety Protection Section, Department of Agricultural Research(DAR), Ministry of Agriculture and Irrigation
Contact point in the PVP Office (name, title and email)	Dr. Pa Pa Win Research Officer Head of PVPO, DAR, Myanmar papawin08@gmail.com, pvpsection.dar@gmail.com

Note: Member country is expected, on each country's initiative, to plan and implement activities based on its Individual Implementing Strategy while placing priorities on those activities in line with the Common direction of the 10-Year Strategic Plan, as referred in the draft of the "Rule of procedure for the East Asia Plant Variety Protection Forum".

1. **Expected outcome of the proposed program**(in line with "National goals" and "Objectives" of the Individual Implementation Strategy)
 - i. **Main objective:** To promote regional harmonization on application, examination and granting procedures towards the effective and cooperative PVP system for the breeders in the world.
2. **Proposed activities in details** (in line with "Objectives" and "Planned Activities" of the Individual Implementation Strategy)
 - All of this proposed activities will be carried out by the PVPO staffs and PVP TWG of Myanmar together with Foreign Experts via online and offline.
3. **Duration**
One or Two growing seasons for each crop
4. **Proposed venue**
Testing Fields and PVPO, Department of Agricultural Research, Myanmar
5. **Expected participants**
5-10
6. **Budget:**
 - Borne by the organizer for planting and other fee for TG preparation
 - Borne by Donors (Government of Japan): (transportation, accommodation for foreign experts if need to come to Myanmar and honorable fee for online discussion and suggestion)

ACTIVITY-2

- Database Setting Training To Support Official DUS Test in Myanmar

PROPOSAL OF COOPERATION ACTIVITY - 2

Proposed Date	August , 2021
Country	Myanmar
Title of program	Database Setting Training To Support Official DUS Test in Myanmar
Responsible Department/Division/Office	Plant Variety Protection Section, Department of Agricultural Research(DAR), Ministry of Agriculture and Irrigation
Contact point in the PVP Office (name, title and email)	Dr. Pa Pa Win Research Officer Head of PVPO, DAR, Myanmar papawin08@gmail.com, pvpsection.dar@gmail.com

Note: Member country is expected, on each country's initiative, to plan and implement activities based on its Individual Implementing Strategy while placing priorities on those activities in line with the Common direction of the 10-Year Strategic Plan, as referred in the draft of the "Rule of procedure for the East Asia Plant Variety Protection Forum".

1. Expected outcome of the proposed program(in line with "National goals" and "Objectives" of the Individual Implementation Strategy)

Main objective: To understand how to set up database for reference varieties in DUS test

2. Proposed activities in details (in line with "Objectives" and "Planned Activities" of the Individual Implementation Strategy)

- Online training program
- 15-20 Myanmar participants as trainers
- 2-3 Foreign Experts will provide/share lecture via online.
- The training period will take 1 or 2 hours per day through 1-2 weeks of the training program.

3. Duration

1-2 weeks

4. Proposed venue

Department of Agricultural Research, Myanmar

5. Expected participants

15- 20 participants

6. Budget:

- Borne by the organizer: online communication and presentation/ teaching aid
- Borne by Donors (Government of Japan): honorable fee and other necessary for Experts of online communication

EAPVPF/13/02 10 INDIVIDUAL IMPLEMENTING STRATEGY OF THE PHILIPPINES**1. National goal (for next 10 years: 2020 to 2029)**

1-1. To have an effective plant variety protection system that is beneficial in attaining sustainable agriculture and achieving food security for the country.

1-2. To strengthen the cooperation endeavors within neighboring countries with PVP system that aims to contribute in the nourishment of plant breeding activities in the Philippines for the benefit of plant breeders and farmers.

2. Objectives with analysis of challenges (for next 3 years)

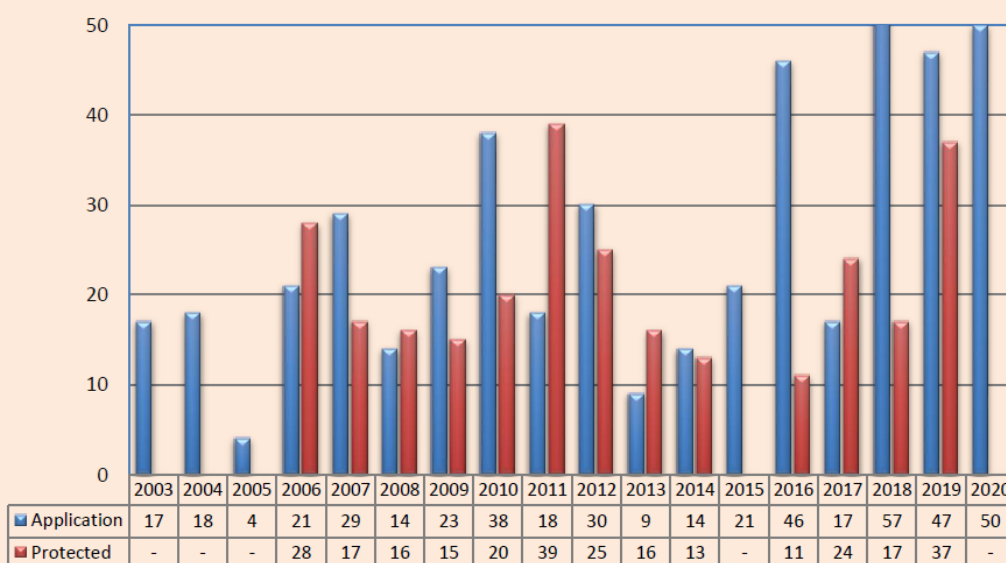
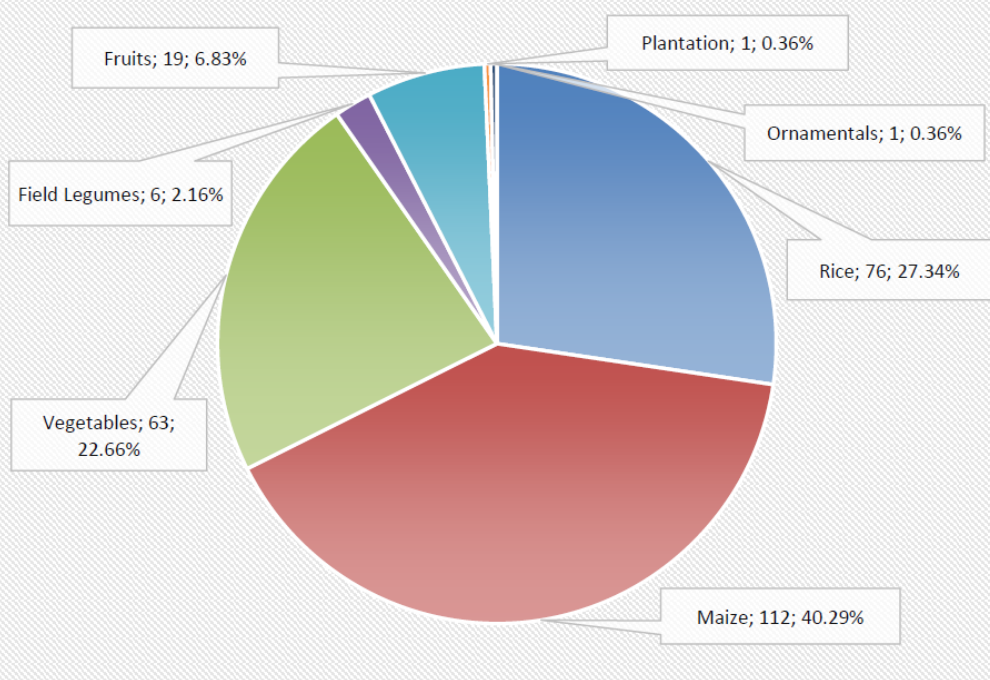
	OBJECTIVES	CHALLENGES
2020	Objective 1 Strengthen the implementation of the PVP system in the country through cooperation with different government agencies, non-government institutions and neighboring countries that implement PVP.	<ul style="list-style-type: none"> Philippines is not a UPOV member Restricted on-site DUS evaluation due to Covid-19 crisis
2021	Development and harmonization of DUS Test guidelines	<ul style="list-style-type: none"> Foreign applications without existing DUS Test guidelines
2022	Objective 2 Enhance the capacity of the Plant Variety Protection Office (PVPO) by establishing a DUS Testing Site	<ul style="list-style-type: none"> Limited personnel of the PVPO No established DUS Testing Site especially for foreign applications

3. Planned activities and Road map (for next 3 years)

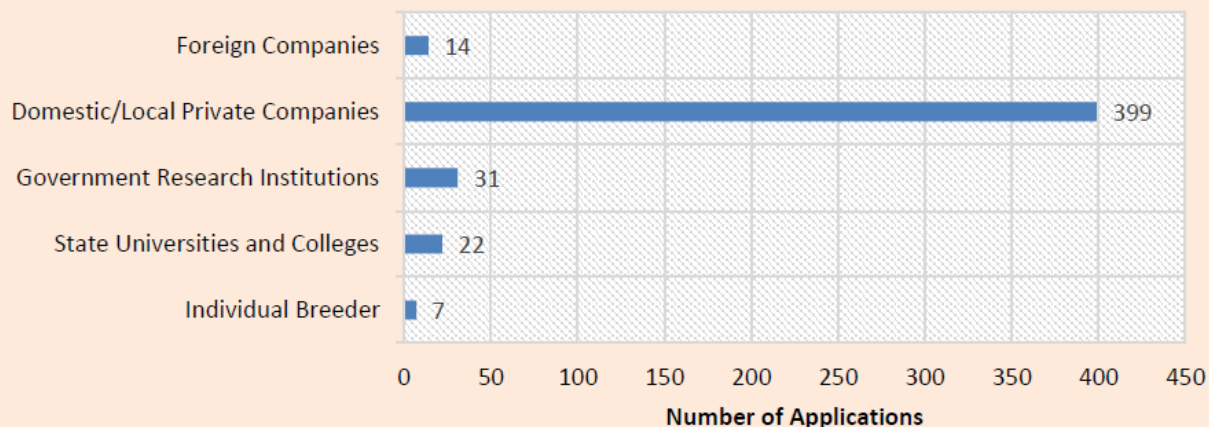
PLANNED ACTIVITIES	
ACTIVITIES TO ACHIEVE OBJECTIVE 1	TARGET GROUP
Conduct technical trainings and workshop through online platform and/or face to face meetings;	<ul style="list-style-type: none"> PVP DUS Examiners PVP applicants Other stakeholders
Harmonization of DUS Test guidelines	
ACTIVITIES TO ACHIEVE OBJECTIVE 2	TARGET GROUP
Coordination and cooperation (local and international) for the establishment of the National Seed Technology Park as a possible DUS Testing Site	<ul style="list-style-type: none"> Government agencies and private institutions involved in NSTP Dutch Cooperators and Naktuinbouw officials

Situationer

- The Philippines enacted into law its plant breeder's rights through Republic Act 9168 otherwise known as the "Plant Variety Protection Act of 2002".
- The act shall protect and secure the exclusive rights of breeders with respect to their new plant variety.
- The PVP office shall receive and conduct examination of applications for plant variety protection; receive petitions for compulsory license for transmittal to the Board; and maintain a systematic record of all Certificates of Plant Variety Protection.
- To date, 278 crop varieties have been granted with Certificate of Plant Variety Protection out of 473 applications filed for the last 18 years.

PVP Statistics**Breakdown of Protected Plant Varieties**

PVP APPLICATIONS 2003-2020



Problems in Plant Variety Protection System in the Philippines	Possible Solution	Expected Output	Responsible Agencies	Timeline
Fallacious impression of some farmers with regards to Plant Variety Protection System (Importance, royalty, procedures, benefits, etc.)	<ul style="list-style-type: none"> Intensify awareness campaign re: plant variety protection Communication plan for PVP / dissemination program 	<ul style="list-style-type: none"> Good reputation of the PVP system in the country Gain farmer's trust about the PVP system Beneficial breeder-farmer relationship 	Bureau of Plant Industry – Plant Variety Protection Office, & other Agriculture- related Government agencies and NGOs	2020-2021
Decreasing number of protected plant varieties for the last 5 years (2011-2016 PVP statistics)	<ul style="list-style-type: none"> Reward, incentives, subsidy or recognition for the plant breeders Intensify awareness campaign re: plant variety protection Linkage between different government agencies and NGO's that specializes in information-dissemination 	<ul style="list-style-type: none"> Intensified awareness and information dissemination Increased number of protected crops Increased variety choices for farmers (secondary to plant breeders right) 	Bureau of Plant Industry – Plant Variety Protection Office, & other Agriculture- related Government agencies and NGOs	2020-2022
Restricted on-site DUS Evaluation due to Covid-19 crisis and existing quarantine protocols in different areas of the country	<ul style="list-style-type: none"> Conduct online trainings and seminars to equip the applicants with technical knowledge on how to conduct morphological characterization based on the crop-specific DUS Test Guidelines. 	<ul style="list-style-type: none"> Accurate characterization data Unhampered delivery of services of the PVP Office 	Bureau of Plant Industry – Plant Variety Protection Office	2020-2021

EAPVPF/13/02 11 INDIVIDUAL IMPLEMENTING STRATEGY OF SINGAPORE

1. National goal (for next 10 years: 2020 to 2029)

- 1-1 To strengthen PVP regime to support the breeders.
- 1-2 To explore building local capability for examination of PVP applications.
- 1-3 To improve PVP examination process to support an efficient and cost-effective means of examining PVP applications
- 1-4 To promote regional harmonization and cooperation of the PVP system to facilitate application, examination and granting procedures for the breeders.
- 1-5 To support national effort in developing Agri-tech sector through collaborations with relevant stakeholders (government agencies, private companies and research institutions).
- 1-6 To build an automated system for PVP registration and backend processing, which increases convenience for breeders and improves workflow of PVP office. This is aligned with government's commitment to create a SmartNation i.e. harnessing technology to create better solutions.

2. Objectives with analysis of challenges (for next 3 years)

2-1 Challenges

- 2-1-1 Low amount of local agricultural activity due to limited land resources.
- 2-1-2 Low volume of PVP applications due to low agricultural activity and lack of awareness on the PVP system.
- 2-1-3 Manual PVP registrations and backend processing.
- 2-1-4 Lack of an efficient and consistent platform to engage external examination authorities.
- 2-1-5 Lack of technical expertise and facilities in conducting technical DUS examination.

2-2. Objectives

- 2-2-1 To promote growth of Agri-Tech sector by engaging relevant government agencies and urban farmers
- 2-2-2 To promote awareness of the PVP system
- 2-2-3 To explore revision of PVP legislation and practices to support effective PVP registration and provide seamless transactions.
- 2-2-4 To explore building long term local capability for examination of PVP applications.

2020

- 2-1 To participate in PVP workshops, seminars or trainings to improve our registration process

and PVP regime.

2-2 To review the PVP legislation to support multiple modes of DUS examination and strengthen PVP regime.

2021

2-1 To participate in PVP workshops, seminars or trainings to improve our registration process and PVP regime.

2-2 To revise the PVP legislation to support multiple modes of DUS examination and strengthen PVP regime.

2-3 To explore increasing the number and enhance the technical expertise of local examiners for DUS examination.

2022

2-1 To participate in PVP workshops, seminars or trainings to improve our registration process and PVP regime.

2-2 To monitor the effectiveness of the amendments to the PVP legislation on the regime.

2-3 To explore increasing the number and enhance the technical expertise of local examiners for DUS examination.

3. Planned activities and Road map (for next 3 years)

3-1 To participate in PVP workshops, seminars or trainings to improve our registration process and PVP regime.

3-2 To revise the PVP legislation to support multiple modes of DUS examination and strengthen PVP regime.

3-3 To monitor the effectiveness of the amendments to the PVP legislation on the regime.

3-4 To explore increasing the number and enhance the technical expertise of local examiners for DUS examination.

EAPVPF/13/02 12 INDIVIDUAL IMPLEMENTING STRATEGY OF THAILAND

1. National goal (for next 10 years: 2020 to 2029)

- 1.1 People have knowledge and understanding correctly about the fundamental of the UPOV system and its benefits in development of agricultural production.
- 1.2 Plant breeders effectively perform DUS test and produce the report properly.
- 1.3 PVP officers (competent officers) have high capability on technical and legal aspects as international standard level.
- 1.4 Thai varieties exploit the PBR in other countries expanding oversea market increasing exporting income.

2. Objectives with analysis of challenges (for next 3 years)

- 2020 - 2022
 - To raise awareness on PVP and UPOV1991 Convention
 - To train plant breeders and plant specialists on PVP, DUS examination methods

3. Planned activities and Road map (for next 3 years)

- 2020 - 2022
 - Organizing Seminar/meeting providing knowledge and awareness on PVP and UPOV1991 Convention to all stakeholders and public
 - Establishing some kinds of media to distribute information of PVP and UPOV1991
 - Organizing training on PVP, DUS examination methods

EAPVPF/13/02 13 INDIVIDUAL IMPLEMENTING STRATEGY OF VIET NAM

1. National goal (for next 10 years: 2020 to 2029)

- Number of Vietnamese Applications is increased 10 – 14%/year
- 10% - 12% in the total of Vietnamese Applications will be filed in abroad.
- Make effort for the establishment of PVP Region for ASEAN+
- There are at least 1 – 2 Vietnamese variety is exploit the Right in oversea

2. Objectives with analysis of challenges (for next 3 years)

2020

- Revise some legal document for PVP: IP Law, Circular
- Draft some TG of the species which absent in UPOV: 10 species
- Organize the Seminars (3) to improve aware on PVP of the relevant persons

2021

- Submit the Draft of Circular on PVP to Minister of Agriculture and Rural Development for signing.
- Submit the Draft of revised PVP Part in IP Law to National Parliament for examination.
- Draft some TG of the species which absent in UPOV: 10 species
- Drafting project under scope of IP Strategy
- Organize the PVP events (Seminar/Workshop) to improve aware on PVP for the relevant persons by the cooperation with other partner.
- Preparations for running the regional PVP platform in order to arrange

2022

- Operating the Region PVP Platform by submit some application from Vietnam to oversea.
- Implementing the content of the Project in the scope of IP Strategy.
- Workshops on DUS Testing for the DUS Testing agencies

3. Planned activities and Road map (for next 3 years)

- Seminars/Workshop on PVP
- Technical meeting for the DUS Tester
- Trainings on the Technical or legal issues for the IP Agent in Vietnam

4. Proposal of Cooperation Activity (Members who submitted proposals ONLY. The proposals will be presented with explanation of relevance to its 10-YSP.)

- Seminar/Workshop on PVP
- Exchanging experts on PVP
- Technical visit among Members of EAPVPF

[Annex III follows]

REPORT OF THE COOPERATION ACTIVITIES IN 2019-2020

The following cooperation activities were conducted in 2019-2020 according to the adoption of the 12th EAPVP Forum Meeting which was held in Beijing, P.R.China on April 24th, 2019.

1. Study Tour for Higher Level Officials (proposed by Myanmar)

1-1. Date: 9 to 11 July, 2019

1-2. Venue: Hanoi, Viet Nam

1-3. Participants: Delegates from Lao PDR, Malaysia and Myanmar

2. Seminar on the Plant Variety Protection in the Beach Area in South Central (proposed by Viet Nam)

2-1. Date: 6 September, 2019

2-2. Venue: Danang, Viet Nam

2-3. Participants: Delegates from Research institutes and private company executives of Viet Nam

3. Tomato DUS Test Training/Workshop (proposed by Myanmar)

3-1. Date: 30 September to 4 October, 2019

3-2. Venue: Nay Pyi Taw, Myanmar

3-3. Participants: 25 staffs from Department of Agricultural Research, Myanmar

4. Seminar on the Plant Variety Protection in High Central Land (proposed by Viet Nam)

4-1. Date: 21 November, 2019

4-2. Venue: Dalat, Viet Nam

4-3. Participants: Delegates from Research institutes and private company executives from Viet Nam and representatives from UPOV

5. Corn DUS Test Training/ Workshop (proposed by Cambodia)

5-1. Date: 16 to 20 December, 2019

5-2. Venue: General Directorate of Agriculture (GDA) in Phnom Penh and Banteay Dek Station

5-3. Participants: 13 participants from Ministry of Agriculture Forestry and Fisheries (MAFF), General Directorate of Agriculture (GDA), Cambodia Agriculture Research and Development Institute (CARDI), Department of Industrial Crop (DoIC) and Department of Horticulture and Subsidiary Crop (DHSC), Cambodia
2 participants from Department of Agricultural Research, Ministry of Agriculture, Livestock and Irrigation, Myanmar

[Annex IV follows]

REPORT OF THE EAPVP PILOT PROJECT MEETING

Overview of EAPVP Pilot Project

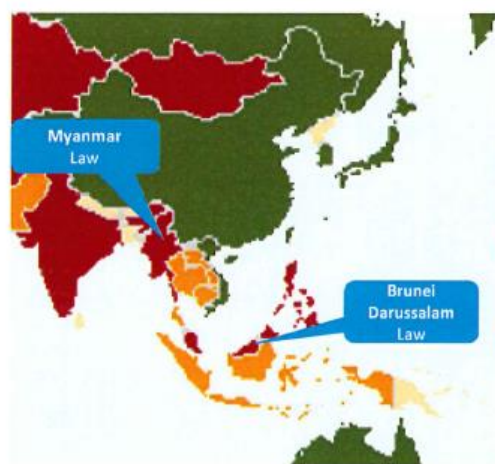
✓ Launch the Pilot Project (PP)

- Proposed by Japan and Viet Nam
- Adopted at the 11th Annual Meeting of East Asia Plant Variety Protection Forum (EAPVPF) in 2018

✓ Purpose of the PP

To achieve the 10-year strategy plan of EAPVPF adopted at its 11th Annual Meeting in 2018

UPOV status in EAPVP Forum countries



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

EAPVP Forum (Established in 2007)

= **ASEAN Member States (10)**, China, Japan and Republic of Korea

Members of UPOV:

China (CN), Japan (JP), Republic of Korea (KR), **Singapore (SG)**, **Viet Nam (VN)**

Initiating States:

Brunei Darussalam (BN), **Malaysia (MY)**, **Myanmar (MM)**, **Philippines (PH)**

States in contact with the UPOV Office:

Cambodia (KH), **Indonesia (ID)**, **Lao People's Democratic Republic (LA)**, **Thailand (TH)**

Positive decisions on conformity with the 1991 Act of the UPOV Convention

10-year Strategic Plan

(adopted at the 11th EAPVPF annual meeting)

Long-term Direction

Establish **effective PVP systems** consistent with the UPOV Convention among Forum members towards achieving all Forum members' membership of UPOV, as a basis for **further PVP harmonization and cooperation in the region** in order to contribute to developing sustainable agriculture and achieving food security

Objective 1:

Strengthen national PVP system consistent with the UPOV Convention to encourage investment in plant breeding

Objective 2:

Contribute to support achievement of UPOV membership, to facilitate harmonization of application and examination procedures, and to enhance efficient PVP cooperation in the region

Overview of EAPVP Pilot Project

✓ Pilot Project participating countries

- **Participating countries:** Japan and Viet Nam
(*UPOV member countries of the EAPVP Forum members wish to join the PP*)
- **Provisional participating countries:** Brunei Darussalam, Malaysia, Myanmar
(*EAPVPF countries which have initiated the procedure to become a UPOV member*)
- **Resource partner:** UPOV Office

✓ Timeline of the PP

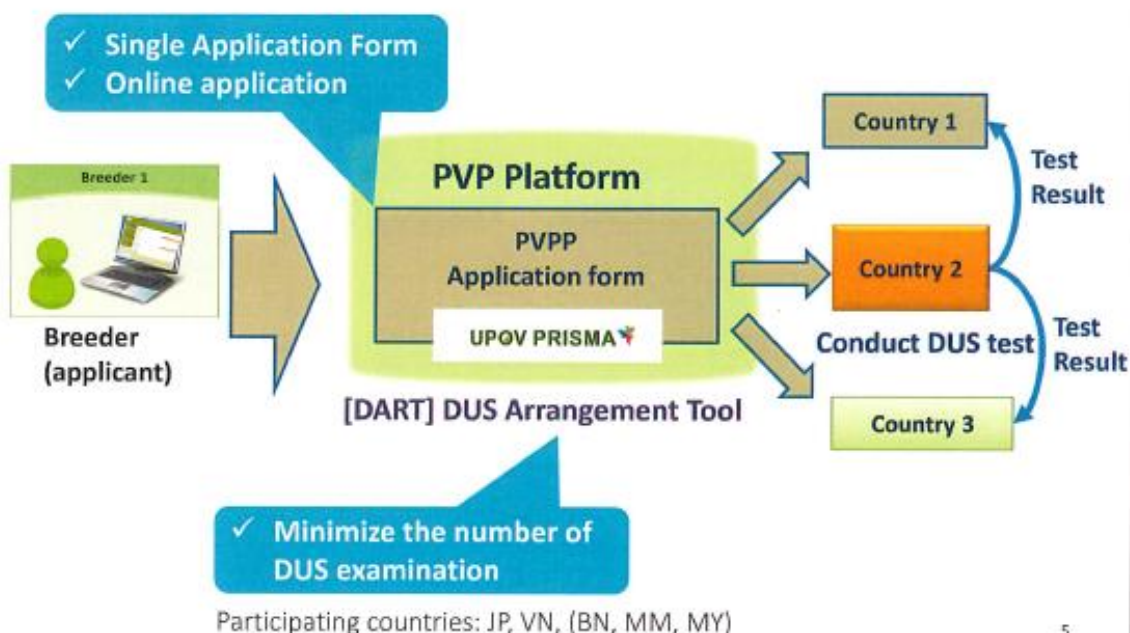
Phase 1 (2018 – 2021): Develop and test a model platform

Phase 2 (2022 – 2023): Operational (Officially receive applications)

Participating countries to enjoy the benefits of the outcomes of the PP

✓ Output of the PP (PVPP)

To establish a PVP Platform under the EAPVP Forum



5

✓ BENEFITS OF THE PILOT PROJECT

For breeders/agents:

- ✓ **A single online platform** for submitting application data and Enhanced **cooperation in DUS examination**
 - **Easy to apply** to participating countries
 - **Save time and costs** for application/examination (minimizing number of DUS examinations)
- ✓ A functionality of “**DUS arrangement tool**” (**DART**) enables applicants to arrange DUS examinations in the most efficient way

6

✓ BENEFITS OF THE PILOT PROJECT

For PP participating countries:

- **Provided with an online application system and electronic application management system**
- **Enhance DUS cooperation among PVP Offices of participating countries** to address capacity gaps in DUS examination (e.g. human resources, infrastructure, agro-climatic conditions for growing trials)
- **Assist new UPOV members** to provide protection to **all plant genera and species** in an efficient way; and
- **Increase the number of PVP applications** in participating countries as a result of efficient application and examination procedures.

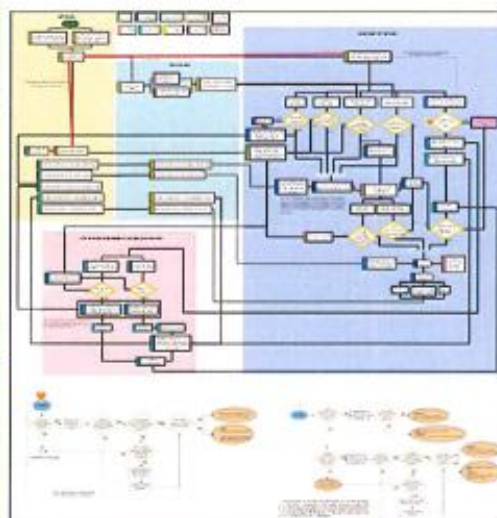
• Developments of EAPVP Pilot Project

Pilot Project meetings

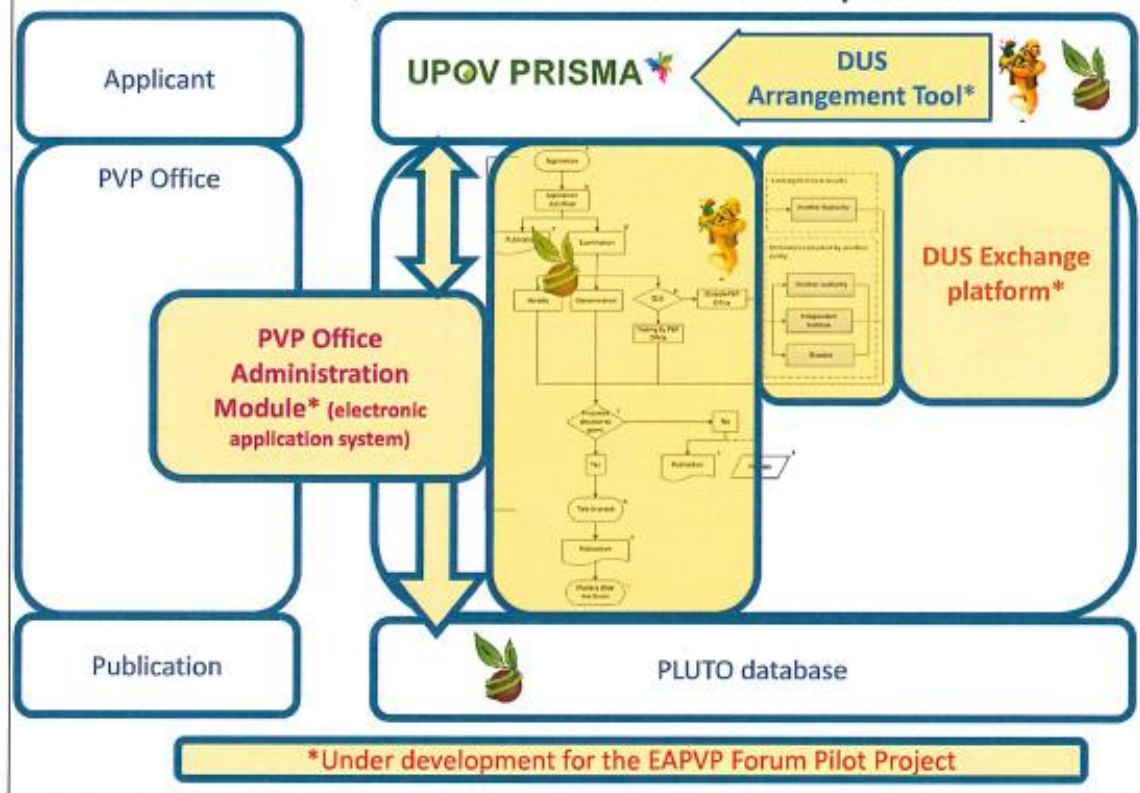
	Time/Venue	Participants
1 st Meeting	Oct 2018 in Viet Nam	Japan, Malaysia, Myanmar, Viet Nam
2 nd Meeting	Feb 2019 in Viet Nam	Japan, Malaysia, Myanmar, Viet Nam
3 rd Meeting	Sep 2019 in Viet Nam	Japan, Malaysia, Myanmar, Viet Nam Observers: Thailand, Philippines
4 th Meeting	7 - 27 July, 2020 by correspondence	Brunei Darussalam, Japan, Malaysia, Myanmar, Viet Nam
5 th Meeting	Nov 23 - 24, 2020 via electronic means	Brunei Darussalam, Japan, Malaysia, Myanmar, Viet Nam Observers: Cambodia, China, Philippines

Agreed items at the PP meetings

Items	Contents
Schematic of the Project	✓ Project schematic that provides procedures for making applications, conducting examinations and granting Plant Breeders' Rights via the Platform
IT Modules of the Platform	✓ To develop IT modules of the Platform (see the figure in next slide)



IT Tools/modules under development



Agreed items at the PP meetings (2)

Items	Contents
Application Form (AF) of the Platform	✓ A combined AF of the PVPP
Technical Questionnaires (TQs) of the Platform	✓ Steps to procedure to identify TQs for the variety applied under the Platform
Preliminary examination of Novelty	✓ A list of the species classified as trees/vines for the purpose of Novelty under the Platform
Preliminary examination of denomination	<ul style="list-style-type: none"> ✓ The PVPP Office will send recommendations on denominations to PVP offices. Each PVP Office will examine and take final decision. ✓ Any changes to denomination need to be updated on the Platform
DUS cooperation among the PP participating countries	✓ A list of genera/species for which PP countries would provide DUS reports to other PP countries
DUS cooperation between the PP countries and other UPOV members	✓ To consider a Memorandum of Cooperation (MOC) for exchange existing DUS reports with other UPOV members

Agreed items at the PP meetings (3)

Items	Contents
Payment Mechanism	<ul style="list-style-type: none"> ✓ National application fees to be paid directly to PP countries ✓ DUS test fee to be paid directly to the PP country responsible for DUS test report ✓ Platform IT fee (to UPOV) and Platform Office fee would be required at the time of data submission
Scope of Prototype version 1 of the Platform	✓ Crop coverage: four pilot crops (rice, strawberry, rose and mung bean)
Terms of use (for both PVP Offices and applicants)	✓ To consider a proposed draft of Terms of Use
Information to be published	✓ To consider information to be published in national PBR gazette using the Publication module, and in PLUTO using the UPOV Model PBR Publication as a basis

Developments of Prototype version 1 of the PP Platform

Applicant interface for the PP Platform - New Application Settings

1. Select Crop/Species
☒ Crop/species with previous applications ☐ Search all crop/species
 Fragaria moschata Weston (Strawberry; TO-02) Submit Strawberry

2. Designate Author(s)
 BRUNO BRUNO
 JP JAPAN
 MY MYANMAR
 MY MALAYSIA
 VN VIETNAM

3. Select Language for answers
 Application Form: English English
 Technical Questionnaire: English English
 Submission's Open Data source

4. Upload Existing Data (ZIP)
 Browse Cancel Submit

All images shown are for illustration purpose only.

Applicant interface for the PP Platform - Complete the form

1. Application Form
 1. Applicant Name
 2. Address
 3. Phone No.
 4. Email
 5. Fax
 6. Country
 7. Language
 8. Gender
 9. Age
 10. Education
 11. Occupation
 12. Income
 13. Assets
 14. Liabilities
 15. Other Information
 16. Signature

2. Technical Questionnaire
 1. Technical Questionnaire
 2. Declaration

3. Declaration And Signature
 1. Declaration And Signature
 2. Signature

Constraint Details
 Name (Japanese notation)
 Address (Alphabetical notation)
 This question is requested by: JP

All images shown are for illustration purpose only.

Applicant interface for the PP Platform – Review DUS arrangements

TECHNICAL EXAMINATION

THE ACTIVITY INFORMATION CARRY OVER

Country	Status	Conducting Authority
BRUNY (CARUSOLAM)	Not yet been started	
JAPAN	Not yet been started	
SARAWAK	Not yet been started	
SPRINGS	Not yet been started	
VIET NAM	Not yet been started	
AUSTRALIA	Completed	

DUS Arrangement Tool (DART)

Sort by: Filter by:

OPTION 1

Total number of DUS Examinations: 1
Total Cost: \$ 0 View

OPTION 2

Total number of DUS Examinations: 2
Total Cost: \$ 558 View

All images shown are for illustration purpose only.

Applicant interface for the PP Platform – View and select an option

DUS Arrangement Tool (DART)

Sort by: Filter by:

OPTION 1

Total number of DUS Examinations: 1
Total Cost: \$ 0 Hide

Diagram showing a hierarchy of countries:

```

graph TD
    JP((JP)) --> EN((EN))
    JP --> VN((VN))
    JP --> MW((MW))
    JP --> MY((MY))
  
```

Select

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PVP Office interface

UPOV Dashboard

International Reference Number	Application Ref. No.	Issued On	Date of Submission	Crop	Proposed Variety Description	Breeder's Variety Reference	Planting status	Status	payment effective date	Owner	Action
94_000000000000	PER	20/10/20	20/10/20	Rice L	TEST NZ 1 CC	TEST NZ 1 CC	Pending	Received	20/10/20	12345678901234567890	Ask for revision
94_000000000000	PER	12/10/20	12/10/20	Letuce olive L	TEST NZ 1 CC	TEST NZ 1 CC	Pending	Submitted	12/10/20	PERALS1 PERALS1lastName	Acknowledge receipt
94_000000000000	PER	12/10/20	12/10/20	Arbuckle olive (A)	TEST NZ 1 CC	TEST NZ 1 CC	Pending	Submitted	NA	PERALS1 PERALS1lastName	Acknowledge receipt
94_000000000000	PER	05/10/20	05/10/20	Letuce olive L	TEST NZ 1 CC	TEST NZ 1 CC	Pending	Submitted	NA	PERALS1 PERALS1lastName	Acknowledge receipt

All images shown are for illustration purpose only.

Timelines for next steps

Period	Duration	Description
30/11/20 to 31/03/21	4 months	Implement TQ s for the other options Task delegation module Examination module DUS cooperation module Applicant monitoring module
01/04/21 to 30/04/21	1 month	Testing by PP participating countries
01/07/21 to 31/07/21	1 month	Reflect PP participating countries' feedback
01/08/21 to 30/09/21	2 months	Testing by breeders
01/07/21 to 31/08/21	2 months	Publication module Payment module
01/09/21 to 30/09/21	1 month	Testing by PP participating countries
01/10/21 to 31/10/21		Reflect feedback from breeders and PP participating countries

[Annex V follows]

Annex V

LIST OF COOPERATION ACTIVITIES IN 2020-2021

The cooperation activities in 2020-2021 were proposed by Forum members. The cooperation activities need to be in line with the Common Direction of the 10-Year Strategic Plan of the EAPVP Forum with a view to streamlining the Forum's cooperation activities toward further harmonization of the PVP system in the region.

The Forum adopted following cooperation activities.

1. Indonesia

- 1-1. Title of program: **Examination of DUS Testing for Cross-Pollinated Varieties**
- 1-2. Proposed date: March 2021 (tentative)
- 1-3. Proposed venue: DUS testing Station Mojokari – East Java
- 1-4. Expected participants: PVP Examiners, Technical Staffs (about 25 persons)
- 1-5. Note: Some examiners from other member countries may participate in this activity according to budget.

2. Malaysia

- 2-1. Title of program: **3rd Legal Consultation on Harmonisation of Protection of New Plant Varieties 20XX with UPOV Convention 1991**
- 2-2. Proposed date: April/May, 2021 (to be confirmed)
- 2-3. Proposed venue: To be confirmed
- 2-4. Expected participants:
 - a) UPOV Legal Advisor
 - b) Ministerial Legal Advisor of the Malaysian Ministry of Agriculture and Agro Based Industry
 - c) Lead Negotiator for International Treaty: Intellectual Property Working Group – Ministry of Domestic Trade and Consumer Affairs
 - d) International Division – Ministry of Agriculture and Agro-Based Industry
 - e) International Division – Department of Agriculture
 - f) Malaysian Plant Variety Technical Committee Members
 - g) Secretariat – PVP Office

3. Myanmar

- 3-1-1. Title of program: **Development of National Test Guideline of Rice and Green gram**
- 3-1-2. Proposed date: April, 2021
- 3-1-3. Proposed venue: Testing Fields and PVPO, Department of Agricultural Research, Myanmar

3-1-4. Expected participants: PVPO Staff, foreign experts (about 5-10 participants)

3-2-1. Title of program: **Database Setting Training To Support Official DUS Test in Myanmar**

3-2-2. Proposed date: August, 2021

3-2-3. Proposed venue: Meeting room of DAR, Nay Pyi Taw, Myanmar

3-2-4. Expected participants: PVP Examiners, Technical Staffs, foreign experts (about 15-20 participants)

4. Thailand

4-1. Title of program: **In Country Training on Establishment of Test Guidelines and DUS Testing**

4-2. Proposed date: March, 2021 (Tentative)

4-3. Proposed venue: Chainat province (about 200Km north from Bangkok) or PVP Office in Bangkok

4-4. Expected participants: Examiners, Technical staffs, Plant Breeders/Applicants

4-5. Note: to be postponed depending on the budget of Thailand

5. Viet Nam

5-1-1. Title of Program: **Seminar for Improving Aware on PVP for the Vietnamese Participants in Hanoi and Other Place in the Souths**

5-1-2. Proposed date: November 2020, just after the 13th EAPVP Meeting

5-1-3. Expected venue: Hanoi and other place in the South

5-1-4. Expected participants: PVP relevant persons of public and private sectors

5-2-1. Title of Program: **Workshop on the Implementation of DUS Testing**

5-2-2. Proposed date: November to December 2020

5-2-2. Expected venue: Ba Ria station, Tuliem station or Vanlam station depending on budget

5-2-3. Expected participants: DUS Testers in National Center for Plant Testing and Examiners from PVPO

5-3-1. Title of Program: **Sharing the experience on DUS Testing among the Members of PP in Viet Nam**

5-3-2. Proposed date: TBD

5-3-2. Expected venue: TBD

5-3-3. Expected participants: DUS Testers, Examiners from the member countries of PP

6. EAPVP Pilot project

6-1. Title of Program: **Meetings of EAPVP Pilot project**

6-2. The fourth meeting / the fifth meeting

6-3. Proposed date: The fourth meeting (meeting by correspondence): 7-27 July 2020

The fifth meeting: 23-24 November 2020

6-4. Proposed venue: Online meeting

6-5. Expected participants: Brunei Darussalam, Japan, Malaysia, Myanmar, Viet Nam and the UPOV Office

Observers for the fifth meeting: Cambodia, China, Philippines

[End of Annex V and of document]