

Meeting on Electronic Applications

EAM/1/6

First meeting
Geneva, March 15, 2023

Original: English
Date: September 11, 2023

REPORT

adopted by the Meeting on Electronic Applications

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WELCOME AND OPENING

1. The first meeting on electronic applications (EAM/1 meeting), which was held as a virtual meeting, was opened and chaired by Mr. Peter Button, Vice Secretary-General of UPOV, who welcomed the participants.
2. The list of participants is reproduced in Annex I to this report.

APPROVAL OF THE AGENDA

3. The meeting adopted the draft agenda as proposed in document UPOV/EAM/1/1 Rev.

DEVELOPMENTS CONCERNING UPOV E-PVP

Overview of UPOV e-PVP

4. The meeting considered document UPOV/EAM/1/2 “Overview of UPOV e-PVP” and received a presentation by the Office of the Union on the components of UPOV e-PVP and the options for using UPOV e-PVP and e-PVP Asia, a copy of which is reproduced in Annex II to this document.

UPOV PRISMA

5. The meeting considered document UPOV/EAM/1/3 “UPOV PRISMA” and received a presentation by the Office of the Union on the developments concerning UPOV PRISMA since the twentieth Meeting on the development of an electronic application form (“EAF/20 meeting”), a copy of which is reproduced in Annex II to this document.

Use of UPOV PRISMA (as of February 28, 2023)

6. The EAM/1 participants noted the information on the use of UPOV PRISMA as of February 28, 2023, as reported in Annex II of this report.

Launch of Version 2.8 (November 2022)

7. The EAM/1 participants noted that UPOV PRISMA Version 2.8 was deployed on November 21, 2022, with the following:

- Forms updated for France, the Netherlands and the United Kingdom;
- CPVO Technical Questionnaires updated for Lettuce and Rose;

- United States of America expanded coverage to all genera and species, except for the following ones; UPOV TG characteristics will be used:

Common Name	Botanical Name
Alfalfa	Medicago sativa L.
Barley	Hordeum vulgare L.
Bentgrass	Agrostis capillaris L.
Bermudagrass	Cynodon dactylon (L.) Pers. var. dactylon
Bluegrass	Poa pratensis L.
Cauliflower	Brassica oleracea L. var. botrytis L.
Corn	Zea mays L.
Cotton	Gossypium hirsutum L.
Field Bean	Phaseolus vulgaris L.
Fine Fescue	Festuca rubra L. var. rubra
Garden Bean	Phaseolus vulgaris L.
Marigold	Tagetes patula L.
Muskmelon	Cucumis melo L.
Oat	Avena sativa L.
Onion	Allium cepa L.
Pea	Pisum sativum L.
Peanut	Arachis hypogaea L.
Pumpkin	Cucurbita pepo L.
Rice	Oryza sativa L.
Ryegrass	Lolium multiflorum Lam.
Safflower	Carthamus tinctorius L.
Sorghum	Sorghum bicolor (L.) Moench
Tall and Meadow Fescue	Festuca pratensis Hudson
Triticale	x Triticosecale Wittm.
Vinca	Catharanthus roseus (L.) G. Don
Watermelon	Citrullus lanatus (Thunb.) Matsum. & Nakai var. lanatus
Zinnia	Zinnia elegans Jacq.

- Republic of Moldova use of the United Kingdom's Technical Questionnaire for Sugarbeet
- Allow the possibility to upload multiple attachments for the same question;
- In the e-mail notification message, remove the reference to the "applicant" since it is not correct when an agent submits the application data;
- For agents, accept invitations in bulk;
- Add an additional "notes" field to the agent profile to allow agents to provide further information to breeders/applicants, such as services offered and languages spoken;
- Improve the download functionality for PVP Offices by including UPOV code information for crops not covered by UPOV TG and the addition of the following columns for the United Kingdom as a proof of concept):
 - Country of Origin
 - NLI Maintainer
 - NLI Agent
 - NLI Applicant
 - PBR Breeder
 - PBR Applicant
 - PBR Agent
 - Date PBR application received
 - Date NL application Received
 - Provisional Marketing Authorisation Code
 - Provisional Marketing Authorisation Date
 - Seed Weight.

Other developments

IT Quality Software Audit

8. The Office of the Union recalled that a code audit had been organized, which had produced the following recommendations:

- (a) Implement best practices in terms of coding in order to avoid concurrency and performance issues;

- (b) Move to the cloud for a better resource management at infrastructure level and keep following the highest security standards;
- (c) Develop a dedicated configuration interface for a controlled management of the forms.

9. The EAM/1 participants noted the report on the following plans for implementing the above recommendations:

- Recommendation 1 (best practices in terms of coding) was implemented in Version 2.8;
- Recommendation 2 (Migration to the cloud); and,
- Recommendation 3 (Development of a dedicated configuration interface) would be implemented in Version 2.10, subject to available resources.

Improvement of user-friendliness of UPOV PRISMA

10. The EAM/1 participants noted the report on the consolidated feedback received from ISF/CIOPOARA that was presented and discussed during the Task Force meeting held on December 11, 2022 and the plan for implementation in future versions.

CPVO synchronization

11. The EAM/1 participants noted that in order to achieve and maintain synchronization of TQs between UPOV PRISMA and CPVO (see documents UPOV/EAF/16/3 “Report” paragraph 18, UPOV/EAF/17/3 “Report” paragraph 32 and UPOV/EAF/18/3 “Report” paragraph 12) the following projects had been agreed with CPVO:

- Project 1: “Audit” (current issues/ states of affairs) for exchange of data between UPOV PRISMA and CPVO in both directions (Status: completed);
- Project 2: Part A: Resolving current issues; Part B: Synchronizing changes by UPOV/CPVO (Status: ongoing on the basis of information provided in Project 1);
- Project 3: Implementation of Project 2 outcome: Bi-directional exchange of application data (lettuce, tomato, rose) (Status: ongoing on the basis of information provided in Project 1);
- Project 4: Bulk upload of Maize applications from UPOV to CPVO (Status: ongoing on the basis of information provided in Project 1);
- Project 5: “Transitional arrangements”, to communicate to applicants about the situations in which they can use UPOV PRISMA for applications at the CPVO and the measures that need to be taken until all issues have been resolved (Status: ongoing).

12. The EAM/1 participants noted the report on each project (as of March 15, 2023), as reported in Annex II of this report.

13. The EAM/1 participants noted the transitional arrangements agreed by UPOV and CPVO in relation to Project 5, as reported in Annex II of this report.

Coverage of Test Guidelines: Sugar Beet

14. The EAM/1 participants approved the procedure for utilizing authorities’ TQs as presented in document UPOV/EAF/19/2 Rev. Corr., paragraphs 24 and 25:

1. Request from Authority A for a specific crop (Authority A TQ)
2. Inform other participating authorities in UPOV PRISMA
3. Circulate the Authority A TQ to see if participating UPOV members that use the UPOV TQ for all genera and species would prefer to:
 - (a) use Authority A TQ or
 - (b) continue using the generic TQ
4. Implement Authority A TQ for UPOV members who wish to use Authority A TQ (subject to available resources).

15. The EAM/1 participants noted that the proposed new procedure had been applied for the United Kingdom TQ for Sugar Beet, and that South Africa would use the United Kingdom TQ for Sugar Beet in Version 2.9.

Plans for Version 2.9

16. The EAM/1 participants noted that Version 2.9 would be deployed in May 2023 with the following updates:

- Expand the crop coverage for Morocco, as follows:

Common Name	Botanical Name	UPOV TG
French Bean	<i>Phaseolus vulgaris</i> L.	TG/12/9 Rev.2
Hot pepper	<i>Capsicum annuum</i> L.	TG/76/8
Lettuce	<i>Lactuca staiva</i> L.	TG/13/x
Squash	<i>Cucurbita pepo</i> L.	TG/119/4 Corr.2
Tomato	<i>Solanum lycopersicum</i> L.	TG/44/11
Tomato Rootstocks	<i>Solanum habrochaites</i> S. Knapp & D.M. Spooner; <i>Solanum lycopersicum</i> L. x <i>Solanum habrochaites</i> S. Knapp & D.M. Spooner; <i>Solanum lycopersicum</i> L. x <i>Solanum peruvianum</i> (L.) Mill.; <i>Solanum lycopersicum</i> L. x <i>Solanum cheesmaniae</i> (L. Ridley) Fosberg; <i>Solanum pimpinellifolium</i> L. x <i>Solanum habrochaites</i> S. Knapp & D.M. Spooner	TG/294/1 Rev.3

- In UPOV PRISMA, confirmation e-mail (submitted and received), add a reference to the authority.
- For all questions “this question could be confidential”, change the current default from ‘No’ to ‘Yes’;
- See the applications waiting for agent’s acceptance;
- Set up notifications preferences; and
- Allow users to specify the crop group

Plans for Version 2.10

17. The EAM/1 participants noted that on the basis of the request for new developments made by PVP Offices and registered users (see paragraph 29 to 31 of document UPOV/EAM/1/2 Corr.), the following new coverage and functionalities were planned to be introduced in Version 2.10:

- Expand the crop coverage for China as follows:

Common Name	Botanical Name	UPOV TG
Soya bean	<i>Glycine max</i> (L.) Merrill	TG/80/6
Kiwifruit	<i>Actinidia</i> Lindl.	TG/98/7
Sunflower	<i>Helianthus annuus</i> L.	TG/81/6
Tomato	<i>Solanum lycopersicum</i> L.	TG/44/11
Hot pepper	<i>Capsicum annuum</i> L.	TG/76/8
Anthurium	<i>Anthurium</i> Schott	TG/86/5
Guzmania	<i>Guzmania</i> Ruiz et Pav.	TG/182/4
Cucumber	<i>Cucumis sativus</i> L.	TG/61/7
Melon	<i>Cucumis melo</i> L.	TG/104/5
Morchella	<i>Morchella</i> Dill. ex Pers.	National TG

- Brazil to join UPOV PRISMA for a limited set of crops. The final list had not been decided.
- Improve Search functionality, and
- Bulk invoice upon request.

18. The EAM/1 participants noted that Version 2.10 was planned to be deployed in October 2023.

Plans for Version 3.0

19. The EAM/1 participants noted the plans for Version 3.0 as follows:

- Move to the cloud for a better resource management at infrastructure level and keep following the highest security standards;
- Implement the new screen design for Start New Application and Copy Application;
- Improve / revise botanical names and German translations;

- Receive notification / alert when a change is made to the AF or TQ for GB;
- PDF accessibility; and
- Floating menu for chapters in the generated form page.

20. The EAM/1 participants noted that Version 3.0 of UPOV PRISMA was planned to be deployed in 2024

Possible FUTURE developments

Coverage

21. It was reported that the plan was to introduce the possibility to use UPOV PRISMA for making applications in Japan and via e-PVP Asia by April 2025 (see document TC/57/9 “Cooperation in Examination”, paragraph 13).

22. The EAM/1 participants noted that the following UPOV members had previously expressed an interest in participating in UPOV PRISMA: Bosnia and Herzegovina, Brazil, Egypt, Japan, Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan. The Office of the Union would consult the UPOV members concerned to discuss their requirements and timeline for joining UPOV PRISMA.

User-friendliness of the tool

23. The EAM/1 participants noted that the following elements would be considered after 2023 to increase the user-friendliness of UPOV PRISMA:

- Addition of non UPOV TQ characteristics in TQ Section 7 instead of TQ Section 5 (see document UPOV/EAF/17/3 “Report” paragraph 19);
- Crop-specific TQs beyond Test Guidelines (see document UPOV/EAF/16/3 “Report” paragraph 18).

New functionalities

24. The EAM/1 participants noted that the following new functionalities would be considered for development:

- Bulk Upload (for maize, United Kingdom);
- Machine translation (see document UPOV/EAF/16/3 “Report” paragraph 18);
- Information on DUS cooperation (DUS Arrangement Recommendation Tool (DART)) (see document UPOV/EAF/16/3 “Report”, paragraph 18).

PVP Administration Module

UPOV e-PVP administration Module FEATURES

25. The EAM/1 participants noted that the UPOV e-PVP Administration Module would provide the following features for PVP offices:

- Provide an electronic administration system for the tasks in the workflow defined in document UPOV/INF/15 “Guidance for members of UPOV” (see *Flow diagram 1*);
- Communicate with applicants;
- Request information from other participating PVP offices on the availability of DUS reports for a variety (DUS Exchange platform – see document EAM/1/5 “DUS Exchange Platform”);
- Provide information to applicants/holders according to rules established by the PVP Office;
- Publish information in PLUTO DB.

26. The EAM/1 participants noted that the UPOV e-PVP Administration Module would provide the following features for the applicants:

- View information concerning applications, where information is shared by the PVP office;
- Receive notifications when information shared.

Planned launch date

27. The EAM/1 participants noted that the UPOV e-PVP Administration Module will form the basis for e-PVP Asia, which is planned to be launched in 2024.

28. The EAM/1 participants noted that the UPOV e-PVP Administration Module is planned to be made available to members of the Union for testing from August 2023.

Joining requirements

29. The EAM/1 participants noted that the UPOV e-PVP Administration Module would be available for all UPOV members.

30. The EAM/1 participants noted that priority would be given to UPOV members using the standard modules. PVP offices that would require customization of modules would need to discuss their customization requirements with the Office of the Union in order to develop a plan for the work and to identify the source of extra-budgetary resources to cover the work.

Cost

31. The EAM/1 participants noted that the standard UPOV e-PVP Administration Module will be made available to members of the Union without charge and will be maintained by UPOV. The member of the Union concerned would only need to cover the cost of hosting the module on the cloud. The EAM/1 participants noted that typical annual cost of hosting was estimated at 1,800 USD (50-100 applications per year and less than 1,000 titles in force) to 2,400 USD (1,000-2,000 applications per year and less than 10,000 titles in force). This estimate was based on the current Amazon Web Service pricing scheme, which is subject to change.

32. The Office of the Union recalled (see above) that customized versions of the UPOV e-PVP Administration Module according to the specific needs of members of the Union could be developed with UPOV where the necessary extra-budgetary resources were provided and subject to the resource implications for the Office of the Union.

Future developments

33. The EAM/1 participants noted that the following functionalities were anticipated in future releases:

- recording and comparing variety descriptions.
- National listing workflow.

DUS Exchange Module

UPOV e-PVP DUS Report Exchange Module Features

34. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would provide the following features for PVP offices:

- Make existing DUS reports available to other UPOV members (option for bulk-uploading);
- Obtain DUS reports
 - Search for existing DUS reports,
 - Make a request for information on the possibility to use a DUS report,
 - Communicate with the PVP Office providing the report,
 - Be informed that a request has been accepted,
 - Be informed when a DUS report is made available.
- Track the history of each request.

Planned launch date

35. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would form the basis for e-PVP Asia, which was planned to be launched in 2024.

36. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module was planned to be made available to members of the Union for testing from August 2023.

Joining requirements

37. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would be available for all UPOV members.

Cost

38. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would be available to members of the Union without charge.

DATE OF NEXT MEETING

39. The next meeting of the EAM was agreed to be held by electronic means on October 24, 2023 at 6 pm.

40. *This report was adopted by correspondence.*

[Annex I follows]

ANNEXE I / ANNEX I / ANEXO I

LISTE DES PARTICIPANTS / LIST OF PARTICIPANTS / LISTA DE PARTICIPANTES

(dans l'ordre alphabétique des noms français des membres / in the alphabetical order of the French names of the members / por orden alfabético de los nombres en francés de los miembros)

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IV. BUREAU / OFFICER / OFICINA

Peter BUTTON (Mr.), Chair

V. BUREAU DE L'UPOV / OFFICE OF UPOV / OFICINA DE LA UPOV

Peter BUTTON (Mr.), Vice Secretary-General

Yolanda HUERTA (Ms.), Legal Counsel and Director of Training and Assistance

Leontino TAVEIRA (Mr.), Head of Technical Affairs and Regional Development (Latin America, Caribbean)

Hend MADHOUR (Ms.), IT Officer

Manabu SUZUKI (Mr.), Technical/Regional Officer (Asia)

Amit SHARMA (Mr.), IT Support Officer

Kees VAN ETTEKOVEN (Mr.), Technical Expert

Ariane BESSE (Ms.), Administrative Assistant

Carla Marina SANTOS (Ms.), Secretary (Legal)

Kasumi FALQUET (Ms.), Secretary

Laurianne NICOLO (Ms.), Secretary

[L'annexe II suit/
Annex II follows/
Sigue el Anexo II]

Meeting on electronic applications

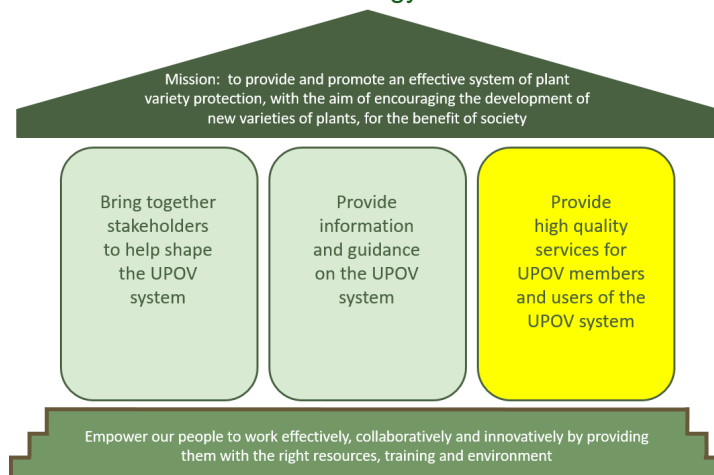
Developments concerning UPOV E-PVP

Geneva
Virtual meeting
March 15, 2023



International Union for the Protection of New Varieties of Plants

UPOV Strategy House



Meeting on electronic applications

Document EAM/1/2
'Overview of UPOV E-PVP'



International Union for the Protection of New Varieties of Plants

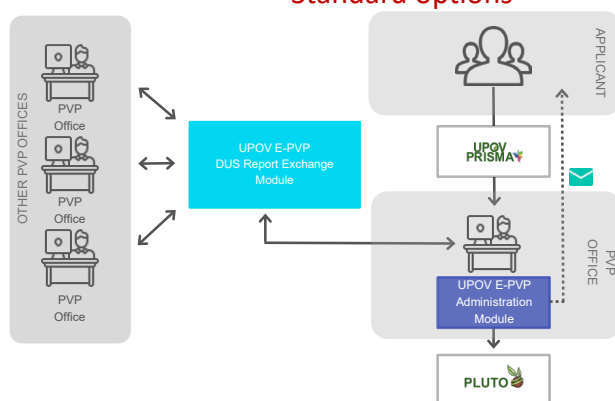
UPOV E-PVP

- Provides coherent and comprehensive assistance in the implementation of the UPOV system of plant variety protection
- Some or all of the components of which can be used by members of the Union, as considered appropriate
- Package of compatible tools

UPOV

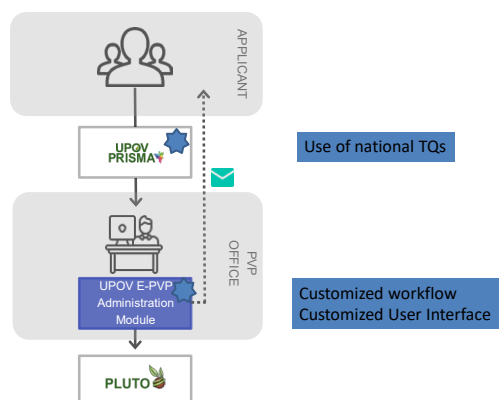
4

UPOV E-PVP Standard options



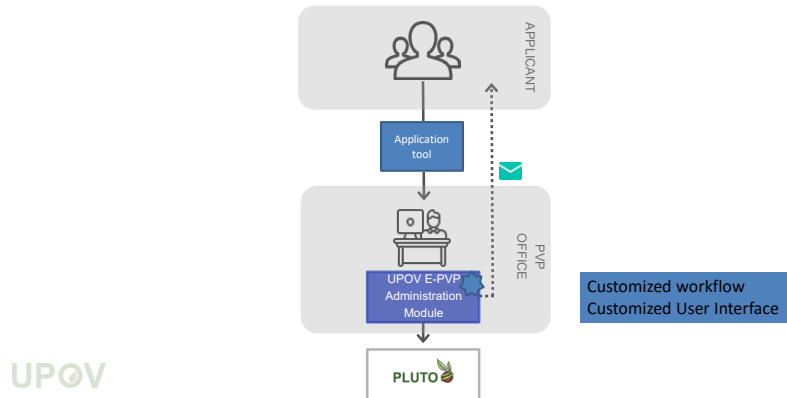
UPOV

Customized options using UPOV PRISMA application tool

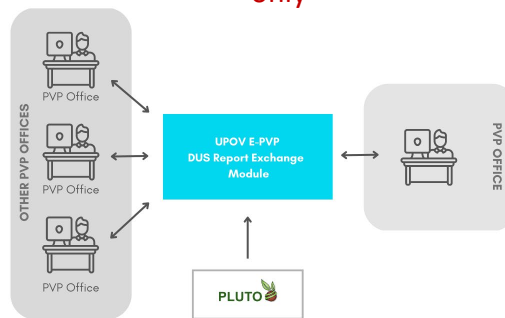


UPOV

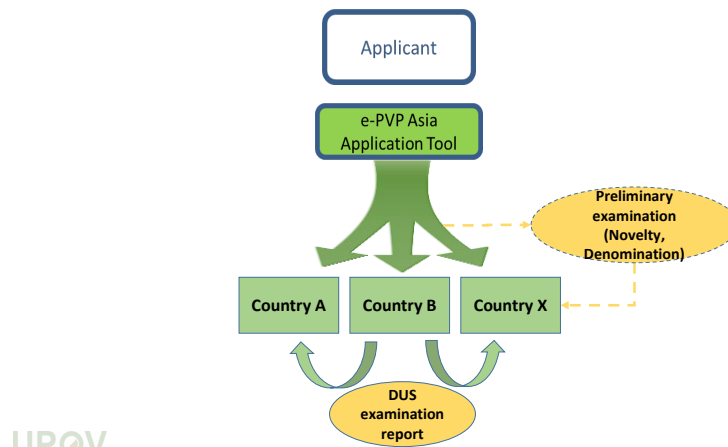
Customized options with PVP Office's own
electronic application system



Use of UPOV E-PVP DUS Report Exchange Module
only



Member Cooperation Platform
e-PVP Asia (EAPVP Forum Pilot Project)





UPOV

Meeting on electronic applications

Document EAM/1/3
'UPOV PRISMA'

UPOV

International Union for the Protection of New Varieties of Plants

PREVIEW

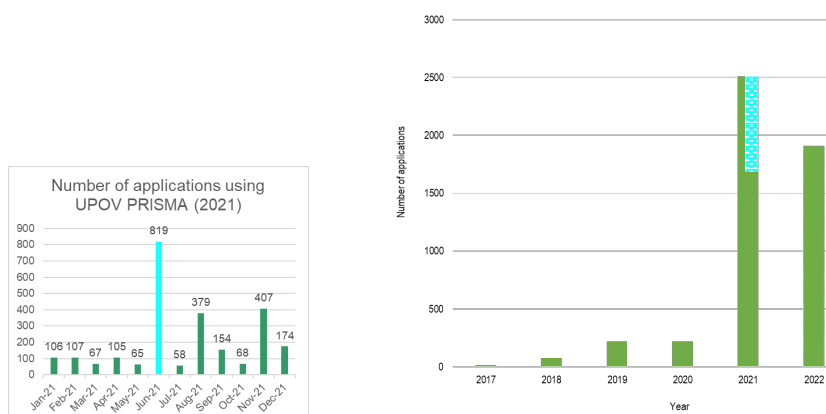
- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9 (May 2023)
- Plans for Version 2.10 (October 2023)
- Plans for Version 3.0 (2024)
- Possible future developments (after 2024)

UPOV

PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
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- Possible future developments (after 2024)

Number of applications using UPOV PRISMA



PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
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- Plans for Version 2.9 (May 2023)
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- Possible future developments (after 2024)

Launch of UPOV PRISMA Version 2.8 (V2.8)



- Deployment on **November 21, 2022**

Scope - UPOV PRISMA Version 2.8



- Coverage:
 - UPOV Members:
 - No new participating authorities
 - Updated forms for the United Kingdom, France and the Netherlands
 - Crops/ species :
 - Expand the coverage of the United States of America to include all crops and species except 27 crops. UPOV TG characteristics are used.
 - Republic of Moldova: use of GB TQ for Sugarbeet .

Scope - UPOV PRISMA Version 2.8



- New functionalities in V2.8 :
 - Allow the possibility to **upload multiple attachments** for the same question;
 - In the **email notification message**, remove the reference to the “applicant” since it is not correct when an agent submits the application data;
 - For agents, **accept invitations** in bulk instead of clicking each one individually;
 - Add an **additional "notes" field** to the agent profile to allow agents to provide further information to breeders/applicants, such as services offered and languages spoken.

Scope - UPOV PRISMA Version 2.8

- Improve the download functionality for PVP Offices by including UPOV code information for crops not covered by UPOV TG and the addition of the following columns for the United Kingdom as a proof of concept):
 - » Country of Origin
 - » NLI Maintainer
 - » NLI Agent
 - » NLI Applicant
 - » PBR Breeder
 - » PBR Applicant
 - » PBR Agent
 - » Date PBR application received
 - » Date NL application Received
 - » Provisional Marketing Authorisation Code
 - » Provisional Marketing Authorisation Date
 - » Seed Weight

UPOV

PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
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 - Plans for Version 2.10 (October 2023)
 - Plans for Version 3.0 (2024)
 - Possible future developments (after 2024)

UPOV

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Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- Coverage of Test Guidelines: Sugar Beet

UPOV

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Software quality improvement

Code Audit

- Implement best practices in terms of coding in order to avoid **concurrency** and **performance** issues; ➡ ✓ Implemented in Version 2.8
- Move to **the cloud** for a better resource management at infrastructure level and keep following the highest security standards ; In Progress
- Develop **a dedicated configuration** interface for a controlled management of the forms; In Progress

UPOV

Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- Coverage of Test Guidelines: Sugar Beet

UPOV

23

User-friendliness of UPOV PRISMA

- Consultations with Users on how to improve some functionalities- screens in UPOV PRISMA
- Proposals were made by an external company
- First round discussion with UPOV PRISMA Task Force group : February 2022
- Second round discussion with UPOV PRISMA Task Force group: June 2022

UPOV

User-friendliness of UPOV PRISMA

- During the Task Force meeting held on December 11, 2022, the consolidated feedback received from ISF/CIOPORA was presented and discussed.
- The follow-up actions are reflected in the plans for Version 2.9, Version 2.10 and Version 3.0.

UPOV

Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- Coverage of Test Guidelines: Sugar Beet

UPOV

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CPVO participation in UPOV PRISMA

In order to achieve and maintain synchronization of TQs between UPOV PRISMA and CPVO (see document UPOV/EAF/16/3 "Report" paragraph 18, document UPOV/EAF/17/3 "Report" paragraph 32 and document UPOV/EAF/18/3 "Report", paragraph 12) the following projects have been agreed with CPVO:

- Project 1: "Audit" (current issues/ states of affairs) for exchange of data between UPOV PRISMA and CPVO in both directions → 
- Project 2: Part A: Resolving current issues; Part B : Synchronizing changes by UPOV/CPVO
- Project 3: Implementation of Project 2 outcome: Bi-directional exchange of application data (lettuce, tomato, rose)
- Project 4: Bulk upload of Maize applications from UPOV to CPVO →  Proof of concept 
- Project 5: "Transitional arrangements", to communicate to applicants about the situations in which they can use UPOV PRISMA for applications at the CPVO and the measures that need to be taken until all issues have been resolved

UPOV

Project 4

- Proof of concept : completed
- The bulk upload (QZ Maize) were used in November 2022 (Pilot with Corteva)
- Bulk Invoice : in progress
- Next steps:
 - UPOV: Gather feedback from Corteva
 - A workshop will be organized with Corteva in June 2023
 - CPVO: Assess the workload needed to make the solution robust enough to open it to other users and other crops.

UPOV

Project 2 and 3- Three phases

- Phase 1: Project 3 for Lettuce and Rose
 - UPOV TQ questions can be reused
 - Characteristics from the UPOV TG Table of characteristics are reusable whether they appear in TQ5 or TQ7 section.
 - The ordering might not be the same in UPOV PRISMA and CPVO online system
 - CPVO specific TQ questions are not reusable if they are not UPOV TG Table of characteristics questions, otherwise they are re-usable

UPOV

Project 2 and 3- Three phases

- Phase 1:
 - Lettuce March-April 2023;
 - Rose May-June 2023;
- Phase 2: Rollout the approach to other pilot crops where their UPOV TG are under revision (after 2023);
- Phase 3: Fully automated synchronization for TQ5 (after 2023).

UPOV

Project 5: Information to stakeholders

- Information to stakeholders will continue to take place in the Task Force and EAM meetings
- Next Task Force meeting: May 10th, 2023

UPOV



22. Participating members in electronic applications are invited to note that a report on plans for improving CPVO TQ synchronization and the user-friendliness of UPOV PRISMA will be made at the EAM/1 meeting.



UPOV

Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- Coverage of Test Guidelines: Sugar Beet

UPOV

Coverage of Test Guidelines: Sugar Beet

- South Africa has expressed its wish to use the United Kingdom TQ for Sugar Beet. This will be reflected in Version 2.9.

UPOV



28. Participating members in electronic applications are invited to note that the proposed new procedure was applied for the United Kingdom TQ for Sugar Beet, and that in Version 2.9 South Africa will use the United Kingdom TQ for Sugar Beet, as set out in paragraphs 23 and 27 of this document.



UPOV

PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- **Plans for Version 2.9 (May 2023)**
- Plans for Version 2.10 (October 2023)
- Plans for Version 3.0 (2024)
- Possible future developments (after 2024)

UPOV

Status - UPOV PRISMA Version 2.9



- Planned in May 2023
- Crop Coverage:
 - Morocco:

Common Name	Botanical Name	UPOV TG
French Bean	<i>Phaseolus vulgaris</i> L.	TG/12/9 Rev.2
Hot pepper	<i>Capiscum annuum</i> L.	TG/76/8
Lettuce	<i>Lactuca sativa</i> L.	TG/13/x
Squash	<i>Cucurbita pepo</i> L.	TG/119/4 Corr.2
Tomato	<i>Solanum lycopersicum</i> L.	TG/44/11
Tomato Rootstock	<i>Solanum habrochaites</i> S. Knapp & D.M. Spooner; <i>Solanum lycopersicum</i> L. x <i>Solanum habrochaites</i> S. Knapp & D.M. Spooner; <i>Solanum lycopersicum</i> L. x <i>Solanum peruvianum</i> (L.) Mill.; <i>Solanum lycopersicum</i> L. x <i>Solanum chesmaniae</i> (L. Ridley) Fosberg; <i>Solanum pimpinellifolium</i> L. x <i>Solanum habrochaites</i> S. Knapp & D.M. Spooner	TG/294/1 Rev.3

UPOV

Status - UPOV PRISMA Version 2.9



- New functionalities in V2.9 :
 - In UPOV PRISMA, confirmation email (submitted and received), add a reference to the authority.
 - For all questions “this question could be confidential”, change the current default from ‘No’ to ‘Yes’;
 - See the applications waiting for agent’s acceptance;
 - Set up notifications preferences; and
 - Allow users to specify the crop group

UPOV

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Status - UPOV PRISMA Version 2.9

Set up notifications preferences



Select Emails To Receive

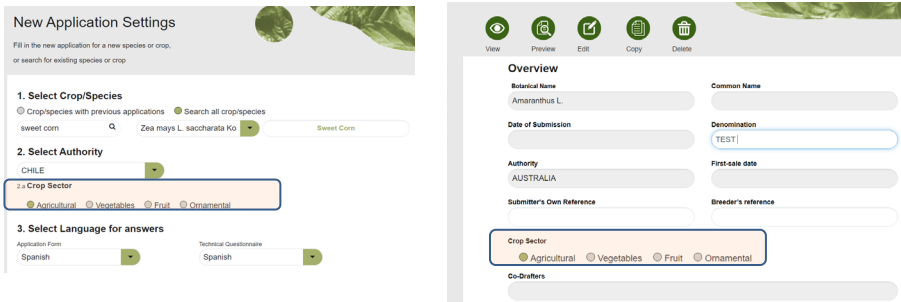
12	Application data received	☒
13	Application data resubmitted	☒
14	Application data to be revised	☒
15	Application started	☒
16	Application data submission	☒
17	Information about the PVP office procedure after submission	☒

UPOV

Close Save

39

Status - UPOV PRISMA Version 2.9
Allow users to specify the crop group



The image displays two side-by-side screenshots of the UPOV PRISMA Version 2.9 application interface. The left screenshot, titled 'New Application Settings', shows a form for creating a new application. It includes sections for '1. Select Crop/Species' (with a search bar and a dropdown for 'Sweet Corn'), '2. Select Authority' (with a dropdown for 'CHILE' and a 'Crop Sector' button), and '3. Select Language for answers' (with dropdowns for 'Spanish'). The right screenshot, titled 'Overview', shows a summary of the application details, including 'Botanical Name' (Amaranthus L.), 'Common Name', 'Date of Submission', 'Denomination' (TEST), 'Authority' (AUSTRALIA), 'First-sale date', 'Submitter's Own Reference', 'Breeder's reference', 'Crop Sector' (Agricultural), and 'Co-Drafters'. A UPOV logo is visible in the bottom left corner of the left screenshot.

40

32. Participating members in electronic applications are invited to note the plans for version 2.9 as set out in paragraphs 29 to 31 of this document.



The image contains a central text block with a quote. Below the text, there is a UPOV logo on the left and a blue speech bubble icon with a white question mark on the right. A UPOV logo is also present in the bottom left corner of the slide.

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PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9 (May 2023)
- **Plans for Version 2.10 (October 2023)**
- Plans for Version 3.0 (2024)
- Possible future developments (after 2024)

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Status - UPOV PRISMA Version 2.10



- Planned in October 2023
- Coverage:

– UPOV Members:

- China

Common Name	Botanical Name	UPOV TG
Soya bean	Glycine max (L.) Merrill	TG/80/6
Kiwifruit	Actinidia Lindl.	TG/98/7
Sunflower	Helianthus annuus L.	TG/81/6
Tomato	Solanum lycopersicum L.	TG/44/11
Hot pepper	Capsicum annuum L.	TG/76/8
Anthurium	Anthurium Schott	TG/86/5
Guzmania	Guzmania Ruiz et Pav.	TG/182/4
Cucumber	Cucumis sativus L.	TG/61/7
Melon	Cucumis melo L.	TG/104/5
Morchella	Morchella Dill. ex Pers.	National TG

- Brazil :
 - Limited set of crops
 - Final list not yet been decided

Status - UPOV PRISMA Version 2.10



- China and Brazil will automate application data exchange between UPOV PRISMA and their application administration system.

Status - UPOV PRISMA Version 2.10



- New functionalities in V2.10 :
 - Improve Search functionality; and
 - Bulk invoice upon request.

PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9 (May 2023)
- Plans for Version 2.10 (October 2023)
- **Plans for Version 3.0 (2024)**
- Possible future developments (after 2024)

Status - UPOV PRISMA Version 3.0



- **Planned in 2024**
- **Coverage:**
 - UPOV Members:
 - It will be possible to make applications to Japan and e-PVP Asia (see document TC/57/9 "Cooperation in Examination", paragraph 13).

Status - UPOV PRISMA Version 3.0



- **New functionalities in V3.0 :**
 - Move to the cloud for a better resource management at infrastructure level and keep following the highest security standards;
 - Implement the new screen design for Start New Application and Copy Application;
 - Improve / revise botanical names and German translations;
 - Receive notification / alert when a change is made to the AF or TQ for GB;
 - PDF accessibility; and
 - Floating menu for chapters in the generated form page.

Status - UPOV PRISMA Version 3.0



- Implementation of Version 3.0 will be in four phases:
 - Phase 1 – Work package 1 :Migration to the cloud and form generation, serialization and deserialization (from February 2023 to December 2023)
 - Phase 2 –Testing and debugging of work package 1 (January 2024)
 - Phase 3 – Work package 2: Integration with existing application and dashboard (December 2023- March 2024)
 - Phase 4 – Testing and debugging of work package 2 (April 2024)

40. Participating members in electronic applications are invited to note the plans for version 2.10 and version 3.0 as set out in paragraphs 33 to 39 of this document.



PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9 (May 2023)
- Plans for Version 2.10 (October 2023)
- Plans for Version 3.0 (2024)
- Possible future developments (after 2024)

Future developments (After 2023)



- Coverage:
 - New authorities:
 - The following UPOV members have expressed an interest to join UPOV PRISMA in the future: Bosnia and Herzegovina, Egypt., Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan.
 - The Office of the Union will consult the UPOV members concerned to discuss their requirements and timeline for joining UPOV PRISMA.

Future developments (After 2023)



- User-friendliness of the tool
 - Addition of non UPOV TQ characteristics in TQ7
 - Crop-specific TQs beyond Test Guidelines
- New functionalities
 - Bulk Upload (for maize, United Kingdom)
 - Machine translation
 - DUS Arrangement Tool (DART)

Future developments (After 2023)



- Feedback Received from the users:
 - Support of multiple billing addresses
 - Improve Payment tracking interface
 - Allow to fill and sign the invoice
 - Use of Purdy's notation



44. Participating members in electronic applications are invited to note the possible future developments of UPOV PRISMA as set out in paragraphs 41 to 43 of this document.

UPOV



Meeting on electronic applications

Document EAM/1/4
'UPOV E-PVP ADMINISTRATION MODULE'

UPOV

International Union for the Protection of New Varieties of Plants

PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- Cost
- Future developments

UPOV

UPOV E-PVP Admin Module Design and Testing

- CPVO
- Japan*
- Netherlands
- Switzerland
- United Kingdom
- Viet Nam*
- Brunei Darussalam **
- Malaysia**
- Myanmar**

UPOV

*EAPVP PP Participating countries
**EAPVP PP Provisional Participating countries

UPOV E-PVP Administration Module Features



- Provide an electronic administration system for the tasks in the workflow defined in document INF/15/3;

Before Grant

Selection criteria: sub

International Reference Number	UPOV code	Principal Botanical name	Breeder's reference	Proposed Denomination	Date of first commercialization	Submission date	Application status	Actions
XU_154656769915	LACTU_SAT	Lactuca sativa L.	REF_12015	Ardinas	02/01/2023	02/01/2023	● ● ● ●	View
XU_154656769110	LACTU_SAT	Thuộc thực vật	THAM KHẢO 0123	quý	02/01/2023	02/01/2023	● ● ● ●	View

The application was submitted (25/02/2023)

Submitted Acknowledge Receipt

UPOV

UPOV E-PVP Administration Module Features



- Provide an electronic administration system for the tasks in the workflow defined in document INF/15/3;

International Reference Number: XU_25022023140240

Application status: ● ● ● ●

Application Number: 801330941, 801330942

Filing Date: 8/126

Applicant(s): 801330941, 801330942

Breeder: 8/126

Agent(s): test

Novelty Satisfied: Yes / No

Fees Paid: Not paid

Proposed Denomination: Ardinas

Accept / Reject

Comments: Accept Denomination

Attachments: Choose File, List of Files, Upload PDF (370 KB)

Notify Applicant? Access comments and attachments.

Submit Cancel

UPOV

UPOV E-PVP Administration Module Features



- Provide an electronic administration system for the tasks in the workflow defined in document INF/15/3;

Before Grant

Selection criteria

International Reference Number	UPOV code	Principal Denomination	Denominator	Proposed Denomination	Application Number	Filing Date	Date of first commercialisation	Submission Date	Application Status	Action
KL 9102223118142	LAOTU SAT	Laotua satua L	REF X00142	AV096	0102223118140	01/03/2023	02/11/2022	02/11/2022	...	View

Filing data has been updated.
01/03/2023

Application is duly filed.
01/03/2023

The application was received.
01/03/2023

Submitted ✓ Received ✓ Duly filed ✓

Manage DUS Requests
Contact applicant
View recommendations
Enter received objection
Transfer Ownership
Refuse application

Communicate information to applicants/holders according to rules established by the PVP Office;

UPOV

UPOV E-PVP Administration Module Features

Raise DUS Request



e-PVP Office Administration Module

Manage requests for Application - KL_X0022300004

Selection criteria

Request Number	UPOV code	Principal Denomination	Denominator	Proposed Denomination	Application Number	Filing Date	Date of first commercialisation	Submission Date	Application Status	Action
KL 9102223118142	LAOTU SAT	Laotua satua L	REF X00142	AV096	0102223118140	01/03/2023	02/11/2022	02/11/2022	...	View

Request information from other participating PVP offices on the availability of DUS reports for a variety (DUS Exchange platform – see document EAM/1/5 “DUS Exchange Platform”);

UPOV

Requesting PVP Office: JP

Providing PVP Office: VN

UPOV code: FRADA

Breeder: BREEDER

Breeder's Reference: TEST TQ JP

If the DUS Report is already available please make the request directly at: [Link to All Reports](#)

Information requested

☐ Is this DUS report available and would you be willing to provide to us?

☐ Are you conducting a DUS examination for this variety and would you be willing to provide the DUS report to us once it is available?

☐ If you have not received an application for this variety, would you be willing to conduct a DUS examination on our behalf?

Comments

B I U H₁ H₂ Heading 1

Insert text here ...

Attachments 0 / 500

Browse ...

List of Files

Submit Cancel

e-PVP Office Administration Module

Reasons

- ☒ Novelty conditions are not examined yet
- ☐ DUS conditions are not examined yet
- ☐ Proposed denomination is not suitable
- ☐ Formality requirements are not fulfilled
- ☐ National fees are not paid
- ☐ Other

Comments

B I U H₁ H₂ Heading 1

Insert text here ...

0 / 500

Attachments

Choose Files

List of Files

- ☒ Notify Applicant?
- ☒ Access comments and attachments.

Submit Cancel



UPOV

Before Grant

Selection criteria:

International Reference Number	UPOV code	Principal Botanical name	Breeder's reference
XU12214254	LACTU SAT	Lactuca sativa L.	REF_123

☒ Filing data has been updated. 14/03/2023
☒ Application is duly filed. 14/03/2023
☒ Decision on DUS was taken. 14/03/2023

Title Holder(s)
 Grant Number:
 Grant Date: 14/03/2023
 Title End Date: (will be calculated automatically in the future)

Comments
 B I U H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H12 H13 H14 H15 H16 H17 H18 H19 H20
 Insert text here...
 0 / 500

Attachments
 Choose File
 List of Files

☒ Notify Applicant?
☒ Access comments and attachments.
☒ Push data to Pluto?

Submit Cancel

PVP Office

UPOV E-PVP Administration Module Features

- Provide an electronic administration system for the tasks in the workflow defined in document INF/15/3;

After Grant

Selection criteria:

International Reference Number	UPOV code	Principal Botanical name	Breeder's reference	Approved Denomination	Date of first commercialisation	Grant Number	Renewal Due Date	Grant Date
XU15465078908	LACTU SAT	Lactuca sativa L.	REF_12008	Ardnas	02/01/2023	23413		13/02/2023

☒ Transfer of ownership updated. 13/02/2023
☒ Transfer of ownership updated. 13/02/2023
☒ Transfer of ownership updated. 13/02/2023

Submit Success Data Filed Transfer Acknowledge receipt of renewal fees

Contact Holder
 View recommendations
 Transfer Ownership
 Report Fees Collection
 Enter received appeal for matters after grant
 Nullify grant
 Cancel grant

UPOV

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UPOV E-PVP Administration Module Features for Applicants

Assign filing date & application number

Priority date: 02/11/2022
 Application Number: 01032023115400
 Filing Date: 01/03/2023

☒ Notify Applicant?
☒ Push data to Pluto?

Confirm Cancel

Share information with applicants

Publish information in PLUTO DB.

UPOV

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UPOV E-PVP Administration Module Features for Applicants



Applicant

View information concerning applications, where information is shared by the PVP office;

Applicant Monitoring Module

English Daniel Janus

Before Grant

Selection criteria: 0

International Reference Number	Country Code	Breeder Reference	Botanical Name	Date of Submission	Pr
EN0251987	MM	88708	Lactuca sativa L.	21/06/2022	AI
ML1111110	MM	88708	Elephant	23/03/2022	AI
ML300000001	MM	Tea	Abelaria R. B.	23/03/2022	AI

Details

International Reference Number: **ML30000000000**

Application Status: **SUBMITTED**

Application Number: **5013294**

Applicant: **5013294**

Application Type (PBR or NLJ): **PBR**

Agent: **23VHJ2312**

Breeder: **05UR342**

Botanical Name: **Abelaria R. B.**

Common Name: **Abelaria**

Biological Name: **Biological Name**

Filing date:

Novelty:

Formality:

Denomination: **raspberry profusion**

Priority: **23/03/2022**

DUS Report Status:

Application Submitted: 21/06/2022

Hide history

PREVIEW

- UPOV E-PVP Administration Module Features
- **Planned launch date**
- Joining requirements
- Cost
- Future developments

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Planned Launch Date

- The UPOV e-PVP Administration Module will form the basis for e-PVP Asia, which is planned to be made launched in **2024**.
- The UPOV e-PVP Administration Module is planned to be available to members of the Union for testing and development **from August 2023**.

PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- **Joining requirements**
- Cost
- Future developments

Joining Requirements

- Available for all UPOV members
- Please contact one of the team to find out more

Business focal points



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PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- **Cost**
- Future developments

Cost

- Development costs:
 - Standard Module : **FREE**
 - Customized Module: can be developed with UPOV where the necessary **extra-budgetary resources** are provided and subject to the resource implications for the Office of the Union
- Hosting costs:
 - Typical annual cost of hosting is currently estimated at **1800 USD** (50-100 applications per year and less than 1,000 titles in force) or **2400 USD** (1,000-2,000 applications per year and less than 10,000 titles in force).

UPOV

PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- Cost
- Future developments

UPOV

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Future Developments

- Recording and comparing variety descriptions;
- National listing workflow.

UPOV



UPOV

Meeting on electronic applications

Document EAM/1/5
'UPOV E-PVP DUS Report Exchange MODULE'

UPOV

International Union for the Protection of New Varieties of Plants

PREVIEW

- UPOV E-PVP DUS Report Exchange Module Features
- Planned launch date
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- Cost

UPOV

UPOV E-PVP DUS Report Exchange Module Features

- Make existing DUS reports available to other UPOV members (option for bulk-uploading);

Create Report

Report owner: JP

Foreseen Report Date:

Denomination:

Breeder:

Breeder's Reference:

Enter Botanical Name/UPOV Code/Common name:

Comments

B I U H₁ H₂ Heading 1

Insert text here ...

0 / 500

Attachments

Choose Files

List of Files

Submit Cancel

79

UPOV E-PVP DUS Report Exchange Module Features

- Obtaining DUS reports
 - Search for existing DUS reports,

Reports Available to Requesting Authorities

Denomination Breeder Date Status Change Find Clear

80

UPOV E-PVP DUS Report Exchange Module Features

- Obtaining DUS reports
 - Make a request for information on the possibility to use a DUS report

UPOV Code	Principal Botanical Name	Breeder	Breeder's Reference	Denomination	DUS Owner	Report Language	Report Status	Date Status Change
LACTULSAT	Lactuca sativa L.	Breeder_03020221150656	REF XXX025	Ardias	JP	ENGLISH	READY	06/03/2023

- DUS Report was linked to an existing application 06/03/2023
- DUS Report was linked to an existing application 06/03/2023
- DUS Report commitment was added 06/03/2023

Raise Request

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Report ownerJP

Upov CodeLACTULSAT

Principal Botanical NameLactuca sativa L.

DenominationArinas

Request StatusAVAILABLE

BreederBreeder_03032023150656

Breeder's ReferenceREF XXX025

Third party payer

Insert text here

Comments0 / 1000

B I U H1 H2 H3 H4 H5 H6

Heading 1

Insert text here

Attachments0 / 500

Choose Files

List of Files

Do you want to link to an existing Application submitted to PVP Office?

Click to Link Application

or

Enter an Application Number

UPOV E-PVP DUS Report Exchange Module Features

- Track the history of each request.
 - Be informed when a DUS report is made available;

- DUS Report was decommissioned
03/03/2023
- DUS Request was fulfilled
03/03/2023
- DUS Request was accepted
03/03/2023
- Third party payer : Raise Requ [ReadMore](#)
- DUS Request was raised
03/03/2023
- Information provided for DUS Request
03/03/2023
- DUS Request was created
03/03/2023

4579	FULFILLED	03/03/2023		
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New ✓

Raised ✓

Completed ✓

...

4257

Arinas

LACTULSAT

03/03/2023

Contact Requesting PVP Office

- Communicate with the PVP Office providing the report,

PREVIEW

- UPOV E-PVP DUS Report Exchange Module Features
- Planned launch date
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Planned Launch Date

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- The UPOV e-PVP DUS Report Exchange Module is planned to be available to members of the Union for testing and development from **August 2023**.



PREVIEW

- UPOV E-PVP DUS Report Exchange Module Features
- Planned launch date
- **Joining requirements**
- Cost



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Joining Requirements

- Available for all UPOV members
- Please contact one of the team to find out more

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PREVIEW

- UPOV E-PVP DUS Report Exchange Module Features
- Planned launch date
- Joining requirements
- Cost

UPOV

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Cost

- Available for all UPOV members **without charge**

UPOV

Next steps



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UPOV

Next EAM/2 Meeting :

➤ **Tuesday October 24, 2023 (evening)**

➤ **Hybrid**

[End of Annex II and of document]