UPOV

International Union for the Protection of New Varieties of Plants

Meeting on the development of an electronic application form   UPOV/EAF/20/3

Twentieth Meeting   **Original:** English
October 25, 2022 (hybrid meeting)   **Date:** March 9, 2023

REPORT

adopted by the Meeting on the Development of an Electronic Application Form

Disclaimer: this document does not represent UPOV policies or guidance

WELCOME AND OPENING

1.   The twentieth meeting on the development of an electronic form (EAF/20 meeting), which was held as a hybrid meeting (physical/virtual means), 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/EAF/20/1.

DEVELOPMENTS CONCERNING UPOV PRISMA

4.   The meeting considered document UPOV/EAF/20/2 Corr. "Developments concerning UPOV PRISMA" and received a presentation by the Office of the Union on the latest developments concerning UPOV PRISMA, a copy of which is reproduced in Annex II to this document.

Use of UPOV PRISMA (as of September 30, 2022)

5.   The EAF/20 participants noted the information on the use of UPOV PRISMA as of September 30, 2022, as reported in Annex II of this report.

Launch of Version 2.8

6.   The EAF/20 participants noted that UPOV PRISMA Version 2.8 was planned to be deployed in November 2022, with the following:

- Forms updated for France, the Netherlands and the United Kingdom;
- CPVO Technical Questionnaires updated for Lettuce and Rose;
- Expanded coverage of the United States of America to include all crops and species except for the ones in the list below. 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.

Common Name	Botanical Name
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 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;
- 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 ;
- Improve the loading performance of the dashboard.

Other developments

IT Quality Software Audit

7.   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.

8.   The EAF/20 participants noted the report on the following plans for implementing the above recommendations:

- Recommendation 1 (best practices in terms of coding) would be 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 2.9.

Improvement of user-friendliness of UPOV PRISMA

9.   The EAF/20 participants noted the report on the feedback received in the second meeting with UPOV PRISMA Task Force group held on June 2022 and the plan for implementation in Version 2.10.

CPVO participation in UPOV PRISMA

10.   The EAF/20 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).

11.   The EAF/20 participants noted the report on each project (as of October 28, 2022), as reported in Annex II of this report.

12.   The EAF/20 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

13.   The EAF/20 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).

14.   The EAF/20 participants noted that the proposed new procedure was applied for the United Kingdom TQ for Sugar Beet, and that in Version 2.8 the Republic of Moldova would use the United Kingdom TQ for Sugar Beet.

Version 2.9

15.   The EAF/20 participants noted that it would be possible to make applications to Japan and e-PVP Asia in Version 2.9 (see document TC/57/9 "Cooperation in Examination", paragraph 13).

16.   The EAF/20 participants noted that Version 2.9 was planned to be launched in March 2023.

Version 2.10

17.   The EAF/20 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/EAF/20/2 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	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 to join UPOV PRISMA for a limited set of crops. The final list had not been decided.
- Bulk Upload (for maize, United Kingdom);
- Move UPOV PRISMA to the cloud;
- Implement the new screen design for Start New Application and Copy Application; and
- Bulk invoice upon request.

18.   The EAF/20 participants noted that Version 2.10 was planned to be launched in September 2023.

PLANNED FUTURE DEVELOPMENTS (AFTER VERSION 2.10)

Coverage

19.   The EAF/20 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

20.   The EAF/20 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

21.   The EAF/20 participants noted that the following new functionalities would be considered for possible development:

- 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).

Meetings on the development of an electronic application form (EAF) (UPOV PRISMA)

22.   The EAF/20 participants noted the proposal to expand the scope of EAF meetings to also cover e-PVP modules to be made to the CAJ at its seventy-ninth session (see document CAJ/79/10 "Meetings on the development of an electronic application form (EAF)", paragraphs 40 to 42).

DATE OF NEXT MEETING

23.   The next meeting of the EAF was agreed to be held by electronic means on March 15, 2023 at 12 pm.

24.   This report was adopted by correspondence.

[Annex I follows]

ANNEXE I / ANNEX I / ANEXO I

LISTE DES PARTICIPANTS / LIST OF PARTICIPANTS / LISTA DE LOS 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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Meeting on the development of an Electronic Application Form

Document EAF/20/2
"Developments concerning
UPOV PRISMA"

Geneva

Hybrid meeting
October 25, 2022

UPOV
International Union for the Protection of New Varieties of Plants

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PREVIEW

- **Use of UPOV PRISMA**
- Planned launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9
- Plans for Version 2.10
- Possible future developments
- Further developments
- Date of next meeting

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2

Number of applications using UPOV PRISMA
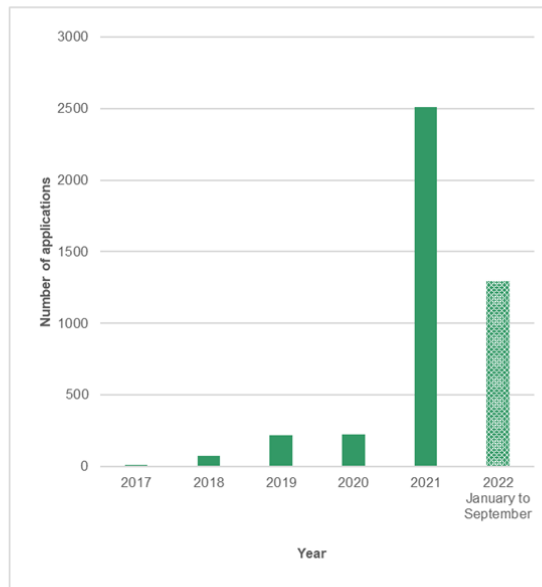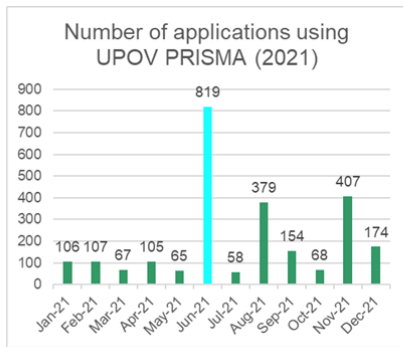
*Excluding June figures in 2021 and 2022

PREVIEW

- Use of UPOV PRISMA
- **Planned launch of UPOV PRISMA Version 2.8 (November 2022)**
- Other developments
- Plans for Version 2.9
- Plans for Version 2.10
- Possible future developments
- Further developments
- Date of next meeting

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Status - UPOV PRISMA **Version 2.8 (V2.8)**

- Deployment planned in **November 2022**
- Test Campaign : From September 22nd, 2022 to October 7th, 2022

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Scope - UPOV PRISMA **Version 2.8**

- Coverage:
  - UPOV Members:
    - No new participating authorities are anticipated for Version 2.8
- Crops/ species :
  - Expand the coverage of the United States of America to include all crops and species except 27 crops. UPOV TG characteristics will be used.
  - Republic of Moldova: use of GB TQ for Sugarbeet *.
- Forms:
  - The forms for the United Kingdom, France and the Netherlands will be updated *
  - CPVO TQs for Lettuce and Rose*

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* Subject to PVP Office validation

Status - 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.

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Feedback from users

- Allow the possibility to upload multiple attachments for the same question;

Photographs
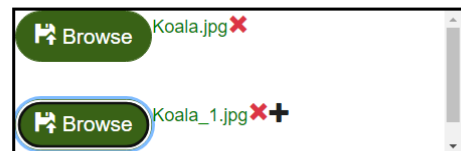
Browse Koala.jpg ✖

Browse Koala_1.jpg ✖ ✚

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Status - 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.

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9

Feedback from users

- In the email notification message, remove the reference to the "applicant" since it is not correct when an agent submits the application data;
  - Replace «Dear Sir» with «Dear UPOV PRISMA user»

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Status - 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.

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Feedback from users

- For agents, accept/decline invitations in bulk instead of clicking each one individually;

UPOV Dashboard

| In Progress | Submitted | Imported | Combined | **Assignment Invitation** |

	International Reference Number	Crop
☑	XU_30202200000677	Fragaria L.
☑	XU_30202000002413	Oryza sativa L.

✔ Accept invitation   ✘ Decline invitation

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Status - 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.

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UPOV

Feedback from users

- 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.

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Status - UPOV PRISMA **Version 2.8**

- Requested developments for UK purpose:
  - Improve Applicant's experience
  - Improve PVP office experience

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Requested developments for UK purpose
Improve Applicant's experience

- Changes in the Application Form
  - New chapter for *Maintainer*
  - Improve *Technical Examination* chapter
  - Improve *Other Applications* chapter
  - Further controls on optional fields
  - Further guidance

UPOV

Requested developments for UK purpose
Improve Applicant's experience

- Changes in the TQ coverage for the United Kingdom
  - Field bean : extend the coverage of UPVO TG/8 (from Vicia faba L. var. minor Harz (VICIA_FAB_MIN) to include also Vicia faba L. (VICIA_FAB)) to avoid using the generic TQ.
  - For Broad bean, Horse Bean: only UPVO TG/206 (VICIA_FAB_MAJ) would be allowed.

UPOV

Status - UPOV PRISMA **Version 2.8**

- Requested developments for UK purpose:
  – Improve Applicant's experience
  – Improve PVP office experience

UPOV

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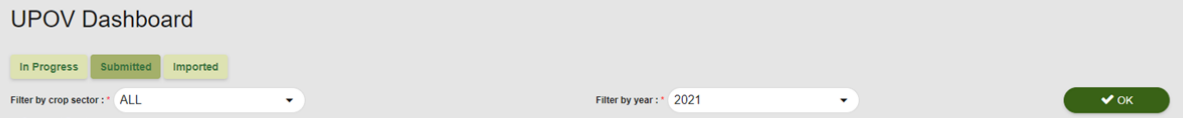## Requested developments for UK purpose
Improve PVP Office experience

- 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

Requested developments for UK purpose
Improve PVP Office experience

- Improve the loading performance of the dashboard

UPOV Dashboard

In Progress Submitted Imported

Filter by crop sector : * ALL ▼   Filter by year : * 2021 ▼   ✔ OK

UPOV

PREVIEW

- Use of UPOV PRISMA
- Planned launch of UPOV PRISMA Version 2.8 (November 2022)
- **Other developments**
- Plans for Version 2.9
- Plans for Version 2.10
- Possible future developments
- Further developments
- Date of next meeting

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

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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
Feedback from users – Start New Application

WIPO IP PORTAL | MENU | UPOV PRISMA [Acceptance] [DEMO] | HELP | DANIEL JANUS | WIPO

UPOV PRISMA | + Applications ▾ | Edit User profile | Manage user role

New Application Settings

← EXIT

How would you like to start?

☑ New application from scratch ☐ Copy data from a previous application

Who is filing ?

☑ The applicant ☐ The representative (on behalf of the applicant)

Identify if the user is the applicant or the agent

UPOV

Would you like to protect this variety at the selected authority through PBR or a National Listing?
Please specify if you would like to apply for protection for this variety at the currently selected authority.

☐ PBR Application ☑ National Listing ☐ Both

Have you already applied for this variety at another authority through UPOV PRISMA?

UPOV PRISMA can link this application to previous applications you have done in other countries, which allows you to get an overview and keep track of your applications per variety.

☐ No ☑ Yes

Please indicate the previous application in a different country

The same IRN will be used

search for IRN, country, breeder's reference, denomination, ...

User-friendliness of UPOV PRISMA
Feedback from users – Bulk Upload

– Extend the new screens for application settings to Bulk Upload settings screen

UP☮V

User-friendliness of UPOV PRISMA
Feedback from users – Copy Application

How would you like to start?

☐ New application from scratch   ☑ Copy data from a previous application

From which application would you like to copy data?

[search for IRN, country, breeder's reference, denomination, ...]

Sort by : [IRN ▽]

IRN XU_3020210003292
Fragaria ×ananassa Duch
Proposed variety denomination: lorem ipsum
Authority: Netherlands
Breeder's Variety Reference: 12345678
Last modified: 01-01-2021

Sort by IRN, breeder's reference, denomination, country

Q. Is search by IRN relevant?

From which application would you like to copy data?

IRN XU_3020210003292
Fragaria ×ananassa Duch
Proposed variety denomination: lorem ipsum
Authority: Netherlands
Breeder's Variety Reference: 12345678
Last modified: 01-01-2021

For which species and/or variety would you like to apply?
Would you like to apply for the same species and/or variety as the previous application?

☑ Same variety ☐ Different variety and same crop/species ☐ Different crop/species

ⓘ When you apply for the same variety, International **Reference** Number **IRN XU_3020210003292** will be automatically assigned to the new application.

Feedback from users – Copy Application
Same variety
Different variety and same crop/species

In which authority would you like to apply?
UPOV PRISMA supports applications in the countries below for your selected crop/species.

FRANCE ▾

UPOV

← GO BACK

Copying data from a previous to a new application.
Copying data from application XU_21318903289 for crop FRAGA_ANA
to a new application for a different crop/species.

For which crop/species would you like to apply?

enter genus, species, common name, UPOV code....   🔍

Your last 5 crop from previous applications

SOLAN_TUB_TUB
Solanum tuberosum L. subsp. tuberosum
Irish potato; Potato; White potato

SOLEN_ROT
Solenostemon rotundifolius (Poir.) J. K. Morton
Chinese-potato; Sudan-potato; country-potato; hausa-potato; ratala

UPOV

Different crop and species

In which authority would you like to apply?
UPOV PRISMA supports applications in the countries below for your selected crop/species.

United Kingdom ▾

Would you like to protect this variety at the selected authority through PBR or a National Listing?
Please specify if you would like to apply for protection for this variety at the currently selected authority.

☑ PBR   ☐ National Listing

ⓘ You have already applied for a PBR listing for this variety at this authority.
You can therefore only choose to apply for   National Listing.

Only if it is possible to apply for national listing in the selected authority and for the selected crop

User-friendliness of UPOV PRISMA
Feedback from users – Copy Application
Application Data permission

← **GO BACK**

Copying data from a previous to a new application.
Copying data from application XU_21318903289 for crop FRAGA_ANA
to a new application for a different crop/species.

☐ Copy application data permissions *   * the agent permission will not be copied

UPOV

User-friendliness of UPOV PRISMA
Feedback from users – Copy Application
Chapters

Select which parts of the application you want to copy.
Because of differences in application forms between countries and/or crops, not all information can be copied.

- Green items can be copied fully. All data will be transferred.
- Yellow items can be copied partially. Some data will be transferred.
- Greyed out items cannot be copied at all. No data will be transferred.

Application Form

☑ Applicants   ☐ Representative(s)   Only in case of different authorities, this chapter is greyed

☑ Breeders(s)   ☑ Other applications

☑ Correspondence address   ☑ Novelty

☑ Priority claim   ☑ Attachments

Technical Questionnaire

☑ Breeding scheme

☑ Variety / characteristics

☑ Variety comparison

☑ Additional Information

UPOV

Next steps for improving User-friendliness of UPOV PRISMA

- Implementation in September 2023 : Version 2.10

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
- Plan to use the bulk upload (QZ Maize) in November 2022 (Pilot with Corteva)
- Bulk Invoice (UAT during V2.8 Test Campaign)
- Remaining tasks (after November 2022):
  - UPOV/CPVO: Address all the cases
  - UPOV/CPVO: Automatic tests

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 2: Rollout the approach to other pilot crops where their UPOV TG are under revision
- Objective:
  - Have more consistency between TQs
    - » eg all table of characteristics linked questions under section 5, always the same order in questions under section 7, etc
- UPOV will work with CPVO to look in more details how the characteristics are constructed to make sure that it will work from IT point of view.

UPOV

Project 2 and 3- Three phases

- Phase 3: Fully automated synchronization for TQ5 (Project 2 after 2023)
  - Automatic import of UPOV TQ5 questions to CPVO system
  - Automatic configuration of XML Mapping

UPOV

Project 3 : Import application data from CPVO to UPOV PRISMA – Lettuce and Rose

- Timelines of Phase 1:
  - Internal testing in September-October 2022
  - User acceptance tests in November 2022
  - Go-live in November-December 2022

UPOV

Project 5: Information to stakeholders

- Information to stakeholders will continue to take place in the Task Force and EAF meetings

UPOV

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25. Participating members in the development of the electronic application form are invited to note:

(a) the developments concerning UPOV PRISMA since the EAF/19 meeting;

(b) that a report on plans for improving CPVO TQ synchronization and the user-friendliness of UPOV PRISMA will be made at the EAF/20 meeting.

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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Coverage of Test Guidelines: Sugar Beet
Background
UPOV/EAF/13/3

21. The participants noted that, in cases where a participating authority used a national Technical Questionnaire for the Table of Characteristics, for a specific crop, where there was no UPOV Test Guidelines (TGs) and where the generic TQ was not appropriate, there would be a possibility to develop a specific UPOV PRISMA TQ for this crop, subject to a procedure for consultation with other UPOV participating members in UPOV PRISMA and under the condition to follow UPOV TGs TQ and UPOV characteristics

UPOV

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Coverage of Test Guidelines: Sugar Beet
Background
Procedure as agreed at the EAF/19

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).

Coverage of Test Guidelines: Sugar Beet
United Kindgom TQ of Sugar Beet

- There is no UPOV TQ for Sugar Beet
- In accordance with the proposed new procedure, the United Kingdom TQ for Sugar Beet was circulated on June 15, 2022 (Circular E-22/089) to the participating UPOV members that use the UPOV TQ for all genera and species to see if they would wish to use the United Kingdom TQ or to continue using the generic TQ.

African Intellectual Property Organization (OAPI)
Chile
Colombia
Dominican Republic
France
Georgia
Kenya
Mexico
Netherlands
New Zealand
Norway
Peru
Republic of Moldova
Saint Vincent and Grenadines
Serbia
South Africa
Sweden
Tunisia
Turkey
United Kingdom
Viet Nam

UPOV

Coverage of Test Guidelines: Sugar Beet
Replies Received to the Circular E-22/089

- The Republic of Moldova expressed its wish to use the United Kingdom TQ for Sugar Beet. This will be reflected in Version 2.8

UP☉V

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31. Participating members in the development of an electronic application form are invited to note that the proposed new procedure was applied for the United Kingdom TQ for Sugar Beet, and that in Version 2.8 the Republic of Moldova will use the United Kingdom TQ for Sugar Beet, as set out in paragraphs 26 to 30 of this document

UP☉V

PREVIEW

- Use of UPOV PRISMA
- Planned launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- **Plans for Version 2.9**
- Plans for Version 2.10
- Possible future developments
- Further developments
- Date of next meeting

UP⊘V

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Status - UPOV PRISMA **Version 2.9**

- Planned in March 2023
- Coverage:
  - UPOV Members:
    - It will possible to make applications to Japan and e-PVP Asia (see document TC/57/9 "Cooperation in Examination", paragraph 13).

UP⊘V

34. Participating members in the development of an electronic application form are invited to note the plans for version 2.9 as set out in paragraphs 32 and 33 of this document.

UPOV

PREVIEW

- Use of UPOV PRISMA
- Planned launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9
- **Plans for Version 2.10**
- Possible future developments
- Further developments
- Date of next meeting

UPOV

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Status - UPOV PRISMA **Version 2.10**

- Planned in September 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

UPOV

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Status - UPOV PRISMA **Version 2.10**

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

UPOV

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Status - UPOV PRISMA **Version 2.10**

- New functionalities in V2.10 :

  – Bulk Upload (for maize, United Kingdom);

  – 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; and

  – Bulk invoice upon request.

UP☉V

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38. Participating members in the development of an electronic application form are invited to note the plans for version 2.10 as set out in paragraphs 35 to 37 of this document.

UP☉V

PREVIEW

- Use of UPOV PRISMA
- Planned launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9
- Plans for Version 2.10
- **Possible future developments**
- Further developments
- Date of next meeting

UPOV

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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.

UPOV

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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
  - Machine translation
  - DUS Arrangement Tool (DART)

UPOV

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Future developments
(After 2023)

- Feedback Received from the users:
  - Customization of notifications
    - Minimize the number of emails received from UPOV PRISMA
  - Support of multiple billing addresses
  - Improve Payment tracking interface
  - Allow to fill and sign the invoice
  - Use of Purdy's notation

UPOV

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UPOV PRISMA: eForm

2. Technical Questionnaire

- **BREEDING SCHEME**
- VARIETY CHARACTERISTICS
- VARIETY COMPARISON
- PLANT MATERIAL INFORMATION
- ADDITIONAL INFORMATION
- GMO INFORMATION

BREEDING SCHEME

Method of propagation of the variety 4.2

○ Single hybrid 4.3

● Three-way hybrid

female parent of single hybrid - A	Alpha
male parent of single hybrid- B	Beta
single hybrid used as parent- AB	Omega
male or female parent of three-way hybrid -C	Gama
single hybrid used as female parent line	Omega
Three-way hybrid- (AB)C	(Alpha x Beta) x Gama

○ Double Hybrid

○ The production scheme should identify in particular:

○ Open-pollinated variety

○ Other information on the method of propagating the variety 4.2

UPOV

UPOV PRISMA: Standardization

BREEDING SCHEME

Method of propagating the variety 4.2
● Seed-propagated varieties

- ○ Self-pollination
- ● Hybrid
  - ● Three-way hybrid

Method of propagation of the variety 4.2
○ Single hybrid 4.3
● Three-way hybrid

What is the information required?
How can it be universally given?
Which category does it belong?

UPOV

UPOV PRISMA: Purdy's notation for formula

- **Purdy:** A Proposed Standard Method for Illustrating Pedigrees (...)
- Universal standards allow better communication across national offices, examiners and breeders
- Default formats enable validation within IM systems, improving data integrity
- Data can be dissected into more pieces of information

UPOV

UPOV PRISMA: Purdy's notation for formula

- A/B
    - The cross type is a simple cross
    - A is the female parent
    - B is the male parent
- A/3*B
    - Breeding method is a backcross
    - The recurrent parente is B, ie the Initial Variety
    - A is the donor line
    - The number of back-crosses is 3"

UPOV

Other examples

- A/B//C
- A/B//C/D
- A/B//C/3/D

- First cross = /
- Second cross = //
- Third cross and subsequent crosses = [number] e.g. 3

UPOV

UPOV PRISMA: Purdy's application

BREEDING SCHEME — Current

Method of propagation of the variety 4.2
- ○ Single hybrid 4.3
- ● Three-way hybrid

female parent of single hybrid - A	Alpha
male parent of single hybrid- B	Beta
single hybrid used as parent- AB	Omega
male or female parent of three-way hybrid -C	Gama
single hybrid used as female parent line	Omega
Three-way hybrid- (AB)C	(Alpha x Beta) x Gama

- ○ Double Hybrid
- ○ The production scheme should identify in particular:
- ○ Open-pollinated variety
- ○ Other information on the method of propagating the variety 4.2

BREEDING SCHEME — Proposal

Formula	Alpha/Beta//Gama

42. Participating members in the development of an electronic application form are invited to note the possible future developments of UPOV PRISMA as set out in paragraphs 39 to 41 of this document.
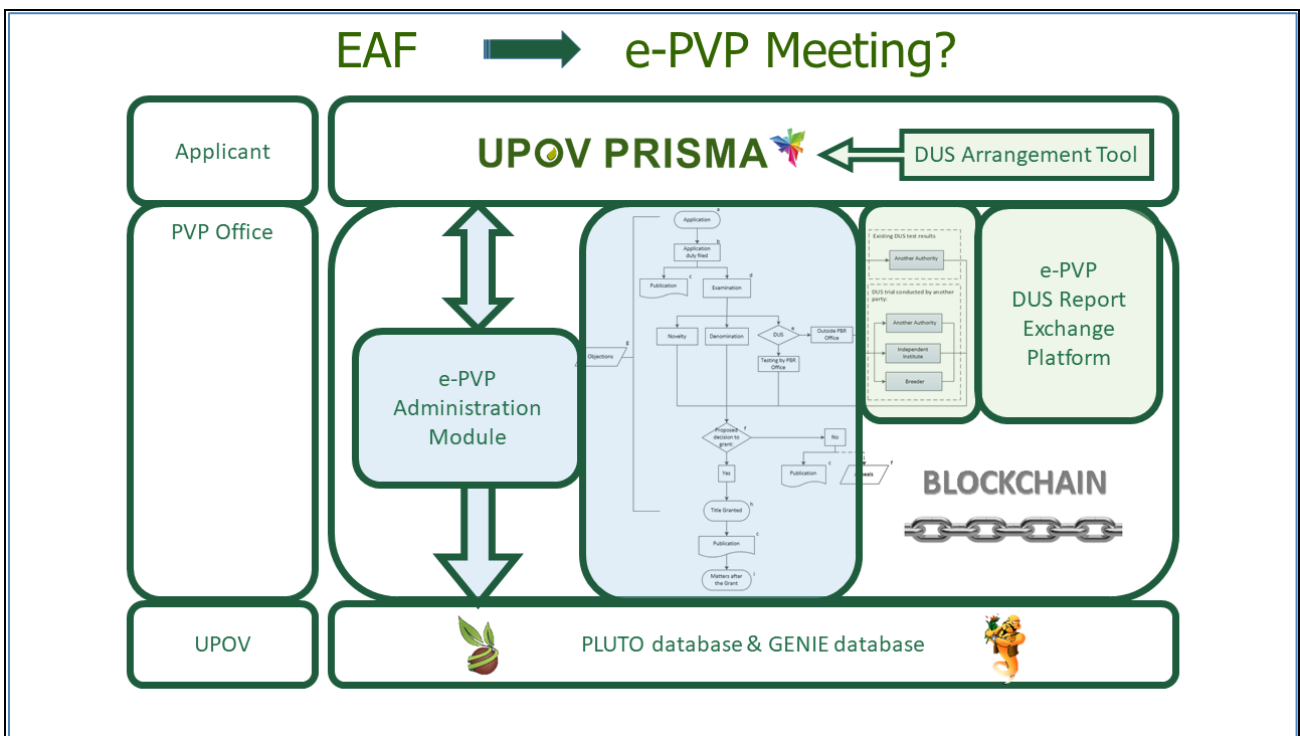

PREVIEW

- Use of UPOV PRISMA
- Planned launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9
- Plans for Version 2.10
- Possible future developments
- Further developments
- Date of next meeting

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Meetings on the development of an electronic application form (EAF) (UPOV PRISMA)

- At the seventy-ninth session of the CAJ, a proposal to expand the scope of EAF meetings to also cover e-PVP modules will be considered (see document CAJ/79/10 "Meetings on the development of an electronic application form (EAF)", paragraphs 40 to 42).

UPOV

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EAF ➡ e-PVP Meeting?

44. *Participating members in the development of the electronic application form are invited to note the proposal to expand the scope of EAF meetings to also cover e-PVP modules to be made to the CAJ at its seventy-ninth session, as set out in paragraph 43 of this document..*

UPOV

PREVIEW

- Use of UPOV PRISMA
- Planned launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9
- Plans for Version 2.10
- Possible future developments
- Further developments
- **Date of next meeting**

UPOV

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Next EAF/21 Meeting :

➢ **Wednesday March 15, 2023 at 12pm**
  ➢**Virtual**

UPOV

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[End of Annex II and of document]