

## Meeting on the development of an electronic application form

UPOV/EAF/14/3

**Fourteenth Meeting**  
**Geneva, October 28, 2019**

**Original:** English  
**Date:** March 23, 2020

## 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 Fourteenth meeting on the development of an electronic application form (EAF/14 meeting) was opened and chaired by Mr. Peter Button, Vice Secretary-General of UPOV, who welcomed the participants in Geneva and those who participated in the meeting by means of electronic conference.
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/14/1.

### DEVELOPMENTS CONCERNING UPOV PRISMA

4. The meeting considered document UPOV/EAF/14/2 “Developments concerning UPOV PRISMA” and received a presentation by the Office of the Union on the latest developments in relation to the electronic application form, a copy of which is reproduced in Annex II to this document.

#### UPOV PRISMA Version 2.3

#### *Participating UPOV members and crops/species covered*

5. The participants noted that Version 2.3 was released on October 25, 2019, with the following coverage in terms of authorities and crop (changes from previous Version are highlighted in grey):

Authority		Crop coverage in Version 2.3 (changes from previous Version are highlighted in grey)
African Intellectual Property Organization (OAPI)	OA	All genera and species
Argentina	AR	Apple (Fruit Varieties), Barley, Black Radish, Broad Bean, Brussels Sprouts, Cauliflower, Chili, Chinese Cabbage, Cotton, Egg Plant, Fig, Grapevine, Green onion, Grey Shallot, Hot Pepper, Indian mustard, Japanese Bunching Onion, Maize, Melon, Oriental Radish, Papaya, Paprika, Potato, Rose, Salvia, Shallot, Soya Bean, Spinach, Sugarcane, Sweet Pepper, Tomato Rootstocks, Watermelon, Welsh Onion, Wheat, Witloof Chicory
Australia	AU	All genera and species
Bolivia (Plurinational State of)	BO	All genera and species
Canada	CA	All genera & species excluding algae, bacteria and fungi
Chile	CL	All genera and species
China	CN	Lettuce
Colombia	CO	All genera and species
Costa Rica	CR	All genera and species
Dominican Republic	DO	All genera and species

Authority		Crop coverage in Version 2.3 (changes from previous Version are highlighted in grey)
Ecuador	EC	All genera and species
European Union	QZ	All genera & species excluding agricultural crops apart from Bent, Cocksfoot, Fescue, Meadow Fescue, Potato, Soya Bean, Ryegrass, Timothy
France	FR	All genera & species
Georgia	GE	Apple (Fruit Varieties), Barley, Blackberry, Blueberry, Cherry (Sweet Cherry), Chick-Pea, Field Bean, French Bean, Hazelnut, Lentil, Maize, Oats, Peach, Pear, Potato, Raspberry, Soya Bean, Sunflower, Tomato, Walnut, Wheat
Kenya	KE	All genera and species
Morocco	MA	Melon
Mexico	MX	All genera and species
Netherlands	NL	All genera and species
New Zealand	NZ	All genera and species
Norway	NO	All genera and species
Paraguay	PY	Soya Bean
Peru	PE	All genera and species
Republic of Moldova	MD	Apple (Fruit Varieties), Barley, Blackberry, Chili, European Plum, Grapevine, Hot Pepper, Lettuce, Maize, Oats, Onion, Paprika, Pea, Pear, Potato, Raspberry, Rose, Rye, Sour cherry, Soya Bean, Strawberry, Sunflower, Sunflower, Sweet Pepper, Tomato, Walnut, Wheat
Republic of Korea	KR	Apple (Fruit Varieties), Lettuce, Potato, Rose, Soya Bean
Serbia	RS	Apple (Fruit Varieties), Blueberry, Raspberry, Rose
South Africa	ZA	All genera and species
Sweden	SE	All genera and species
Switzerland	CH	All genera and species
Trinidad and Tobago	TT	Anthuriums , Bromeliaceae, Heliconiaceae, Orchidaceae, Sterculiaceae, Cajanus cajans, Vigna sp., Theobroma cacao L.
Tunisia	TN	All genera and species
Turkey	TR	All genera and species
United Kingdom	GB	All genera and species
United States of America	US	192 crops including Lettuce, Potato, Soya Bean, Wheat
Uruguay	UY	All genera & species
Viet Nam	VN	Anthurium, Carnation, Chrysanthemum, Cucumber, Dahlia, Dragon Fruit, Japanese Bunching, Onion, Kohlrabi, Maize, Mango, Oranges (Citrus L. - Group 2), Peanut, Poinsettia, Potato, Rice, Rose, Soya Bean, Sunflower, Tomato, Welsh Onion, White-Red and Savoy Cabbage
Total	35	

### *New Functionalities*

6. The participants noted that machine-to-machine communication for lettuce, potato, soya bean and wheat for the United States of America had been introduced.

7. The participants noted the introduction of a new functionality "Private list for agents", which allowed any registered agent to choose to appear or not in the list of agents available for UPOV PRISMA users, according to requirements provided by PVP Offices (e.g. if agents needed to be entrusted by PVP Offices, no list of agents would be displayed).

### Use of UPOV PRISMA

8. The participants noted the following information in relation to the use of UPOV PRISMA:

*Number of PBR submissions via UPOV PRISMA: (as of October 25, 2019)*

	2017	2018	2019
January		-	7
February	-	3	9
March	2	3	6
April	-	3	23

	2017	2018	2019
May	1	1	33
June	-	7	10
July	-	7	3
August	-	1	6
September	3	8	16
October	1	19	21
November	3	16	
December	3	9	
Total	14	77	132

*Number of National Listing submissions via UPOV PRISMA (functionality introduced in Version 2.2-June 2019) (as of October 25, 2019):*

	2019
August	1
September	2
Total	3

### Measures to improve UPOV PRISMA

#### *Survey of Users*

9. The participants noted the background, the objective and the target of the surveys as reported in document UPOV/EAF/14/2 "Developments concerning UPOV PRISMA" and received a presentation by ADquation, a copy of which is reproduced in Annex III to this document.

10. The participants noted the recommendations made by ADquation, on the basis of the replies, as follows:

- (a) Very risky to make users pay for UPOV PRISMA at that time because of technical problems
- (b) However thanks to their trust in the concept, in UPOV and in its team, all remain confident in the UPOV PRISMA and will be willing to pay a fee when it is fully operational
- (c) Defects to solve and missing features to develop (priority ranking)
  - (i) Solve IT bugs / technical problems
  - (ii) Make sure that all countries and crops are regularly checked (updated form, translations...)
  - (iii) Ongoing inclusion of new countries / new crops
- (d) In parallel, advise to work with UPOV members with the following objectives
  - (i) Ongoing harmonization of application forms between countries
  - (ii) Improve the communication between members and applicants during the process (mainly acknowledgement of receipt)
- (e) While introducing UPOV PRISMA, avoid too strong promises (in particular time-saving) and focus on smooth process and serenity (peace of mind)
- (f) Individual support is crucial to make sure users are able
  - (i) to complete a whole application, in all situations
  - (ii) to connect all third-parties in an appropriate way and with the appropriate rights
- (g) Video training is not sufficient despite the feeling of easiness it provides. Direct contact is recommended
- (h) Once all the evolutions are set up, we advise a price between 100 € (110 CHF) and 150 € (170 CHF)

11. The participants agreed with the following proposed follow-up on the basis of the information obtained from the UPOV PRISMA surveys:

- (a) to address technical issues and improve the user experience:
  - (i) design and integrate semi-automatic testing to identify and eliminate IT bugs;
  - (ii) provide a direct communication route to the UPOV PRISMA helpdesk;
  - (iii) redesign user interface for a better user experience;

- (iv) develop an approach to ensure that receipt of application data is acknowledged by PVP Offices and that data are duly and promptly processed;
- (v) introduce new functionalities to improve the value of UPOV PRISMA, within available resources (e.g. DUS Arrangement Tool);
- (b) introduce measures to ensure that information and forms in UPOV PRISMA are complete and up-to-date and arrange for verification of translations by relevant persons;
- (c) expand geographical and crop coverage of UPOV PRISMA and inclusion of coverage of national listing, as far as resources allow, with priority being given to items (a) and (b);
- (d) explore opportunities to facilitate harmonization of forms where appropriate;
- (e) amend UPOV PRISMA promotion material to focus on the benefits of a smooth and reliable process, rather than time-saving; and
- (f) explore possibilities to assist members of the Union to receive, process and manage application data.

*Automatic testing (paragraph 11 (a)(i))*

12. The participants noted that semi-automatic test cases would be used to identify technical issues, which would be fixed before a fee was re-introduced for UPOV PRISMA.

*Direct communication tool (paragraph 11 (a)(ii))*

13. The participants noted that a “Live chat Helpdesk” had been introduced in UPOV PRISMA. The participants noted the two modes: “live” when a UPOV PRISMA operator was connected, or “offline”, when the question would be sent to the UPOV PRISMA Mailbox.

*User interface (paragraph 11 (a)(iii))*

14. The participants noted that a specialized agency (VanBerlo) has been recruited to provide guidance on improving the user interface for UPOV PRISMA. The participants noted that the new interface was designed to be more user-friendly. The participants noted that the new user interface for UPOV PRISMA would be made available at the next release.

*Application data processing (paragraph 11 (a)(iv) and (b))*

15. The participants agreed with the proposal for updating the UPOV PRISMA Terms of Use (<https://www.upov.int/upovprisma/en/termsuse.html>) by introducing the following elements, under the “Specific acknowledgment for PVP Offices” section:

“In particular, the PBR authority agrees to the following:

- Be part of UPOV PRISMA (letter to be signed by the Representative to the UPOV Council of the UPOV member concerned)
- Provide the Office of the Union with the most recent and updated application forms (including Technical Questionnaire)
- Provide the Office of the Union with relevant verified translations (if applicable)
- Complete the “Information for applicants” (PVP Office procedures) to be made available for applicants and provide updates as necessary
- Test and check the output forms during the relevant Test campaigns
- Specify all documents required for accepting a completed application and ensure all required information can be provided in UPOV PRISMA (with an exception for the electronic signature, if appropriate)
- Accept application data submitted via UPOV PRISMA without the need for further data or information (except for signature)
- Accept application data by machine-to-machine data transfer or as provided and presented in the output format (PDF), or provide a stylesheet or information that should be displayed on the PDF to be acceptable (e.g. logo)
- Inform the Office of the Union of any changes or updates in the application forms (including Technical Questionnaire) and accept data according to the earlier version until UPOV PRISMA is updated - UPOV PRISMA will be updated at the next release or within 6 months following notification thereof, whatever is the sooner
- Acknowledge receipt in UPOV PRISMA of any application data submitted via UPOV PRISMA within 7 days
- PVP Office not to charge a higher application fee when receiving application data through UPOV PRISMA

- Communicate information to applicants on the possibility to use UPOV PRISMA
- Permit UPOV to disclose data about the number and crop types of applications received via UPOV PRISMA (no data on individual application will be disclosed)".

16. In the case of the proposal to indicate the filing date in UPOV PRISMA within 7 days after it is duly filed with the participating PVP Office, the participants agreed that it should be discussed at a next EAF meeting.

17. The participants noted that participation in UPOV PRISMA would require agreement to the new Terms of Use.

*Harmonization of forms (paragraph 11 (d))*

18. The participants received a presentation from the Office of the Union, as reproduced in Annex II of this report, on a "report on harmonization" to assess the harmonization between the Technical Questionnaire of Australia compared to the UPOV model form. The participants noted that, on the basis of what had been done for Australia, a report on the extent to which the forms of the participating authorities in UPOV PRISMA is harmonized with other UPOV members and the UPOV model application form, would be provided at the next EAF meeting, according to resources available.

*PVP Office management Interface (paragraph 11 (f))*

19. The participants noted that in order to assist members of the Union to receive, process and manage application data from UPOV PRISMA, it was proposed to develop a PVP Office management interface. This interface would provide a PVP Office data storage facility, facilitate access to application data for examination purposes and possibility to export data, for example for publication (gazette) and/or to PLUTO Database. Report on developments in relation to this interface will be made at a next EAF meeting.

## PLANNED FUTURE DEVELOPMENTS

### Proposals for the developments of UPOV PRISMA Version 2.4

#### *Coverage*

20. The participants noted that no new authorities or expansion of crop coverage are foreseen in Version 2.4, because priority will be given to addressing technical issues before January 2020 and before re-introducing a fee for UPOV PRISMA.

#### *New Functionalities*

21. The participants noted new functionalities planned to be introduced in Version 2.4, according to resources available, as follows:

- New version of payment interface (Epay V2);
- Machine-to-machine communication (Kenya and CPVO for signatory information);
- Allow PVP Office/ breeders/ agents to provide comments on each question;
- Enhancement of copy functionality (highlight entry fields not filed in after copy);
- Improvement of generic UPOV PRISMA PDF layout;
- Customization of OAPI Form Layout;
- Allow PVP Office/ breeders/ agents to provide comments on each question.

#### *Timetable for release of Version 2.4*

22. The participants noted that Version 2.4 would be released around January 2020.

Version 2.5 and later Version*Coverage*UPOV members

23. The participants noted that the following members had expressed their interest to join UPOV PRISMA at a future date: Bosnia and Herzegovina, Japan, Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan.

Crops/ species

24. The table below summarizes the changes anticipated:

Authority		Anticipated new Crop coverage in Future Versions
Argentina	AR	Indian mustard, Lettuce
European Union	QZ	Maize and others (subject to available resources)
Morocco	MA	Tomato, Potato, lettuce, Onion
United States of America	US	List of crops to be confirmed (102 new crops)

*New Functionalities or further developments*

25. The participants noted that the following elements would be considered for a future version of UPOV PRISMA:

- Bulk upload;
- Information on DUS cooperation (DUS Arrangement Recommendation Tool (DART));
- More PVP Offices with machine-to-machine links/ communication to UPOV PRISMA;
- Machine translation;
- More countries with National Listing;
- Crop-specific TQs beyond Test Guidelines;
- PVP Office management Interface.

*Timetable for release of a next Version of UPOV PRISMA*

26. The participants noted that Version 2.5 of UPOV PRISMA was anticipated to be released around June 2020. A report on progress will be made at the next EAF meeting.

## COMMUNICATION AND PROMOTION

27. The EAF/14 meeting noted the key communication messages for UPOV PRISMA as presented by the Office of the Union and as reproduced in Annex II of this report, targeted at different audiences (breeders, agents and PVP Offices).

28. The participants noted the following developments planned for the 2020:

- New infographic(s) for UPOV PRISMA;
- Diffusion of information via Social media channels;
- Participation in events, upon request;
- Update of the UPOV PRISMA E-leaflet, upon request (available for PVP Offices);
- Organization of Webinars, on specific subject raised by users:
  - How to personalize alerts and notifications for Novelty and Priority;
  - How to select an agent in UPOV PRISMA;
  - How to link "my UPOV PRISMA" account with "my CPVO" account;
  - How to start a new application and copy data from an existing application data to a subsequent one;
  - How to do a bulk upload of several applications;
  - How to follow-up on the status of my submitted application in UPOV PRISMA.

FINANCING OF UPOV PRISMA

29. The participants noted that the financing of UPOV PRISMA would be considered by the Consultative Committee at its ninety-sixth session, to be held in Geneva, on October 31, 2019 and by the Council at its fifty-third ordinary session, to be held in Geneva on November 1, 2019. It further noted that the outcomes would be reported at the subsequent EAF meeting.

DATE OF NEXT MEETING

30. The next meeting of the EAF (EAF/15 meeting) was agreed to be held in Geneva on March 26, 2020, from 2 to 4 pm (Geneva time), with participation by electronic means.

31. *This report was adopted by correspondence.*

ANNEXE I / ANNEX I / ANEXO I

LISTE DES PARTICIPANTS / LIST OF PARTICIPANTS /  
TEILNEHMERLISTE / LISTA DE PARTICIPANTES

(dans l'ordre alphabétique des noms français des membres /  
in the alphabetical order of the French names of the Members /  
in alphabetischer Reihenfolge der französischen Namen der Mitglieder /  
por orden alfabético de los nombres en francés de los miembros)

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Peter BUTTON (Mr.), Chair

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Peter BUTTON (Mr.), Vice Secretary-General

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

Ben RIVOIRE (Mr.), Head of Seed Sector Cooperation and Regional Development (Africa, Arab Countries)

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Caroline ROVERE (Ms.), Administrative Assistant

Sarra BERICH (Ms.), Fellow

Urška ČERV (Ms.), Agency Worker

Trang Thi Thu TRAN (Ms.), Individual Contractor Services

Wen WEN (Ms.), Fellow

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

# Meeting on the development of an Electronic Application Form

Document EAF/14/2  
“Developments concerning  
UPOV PRISMA”

Geneva  
October 28, 2019

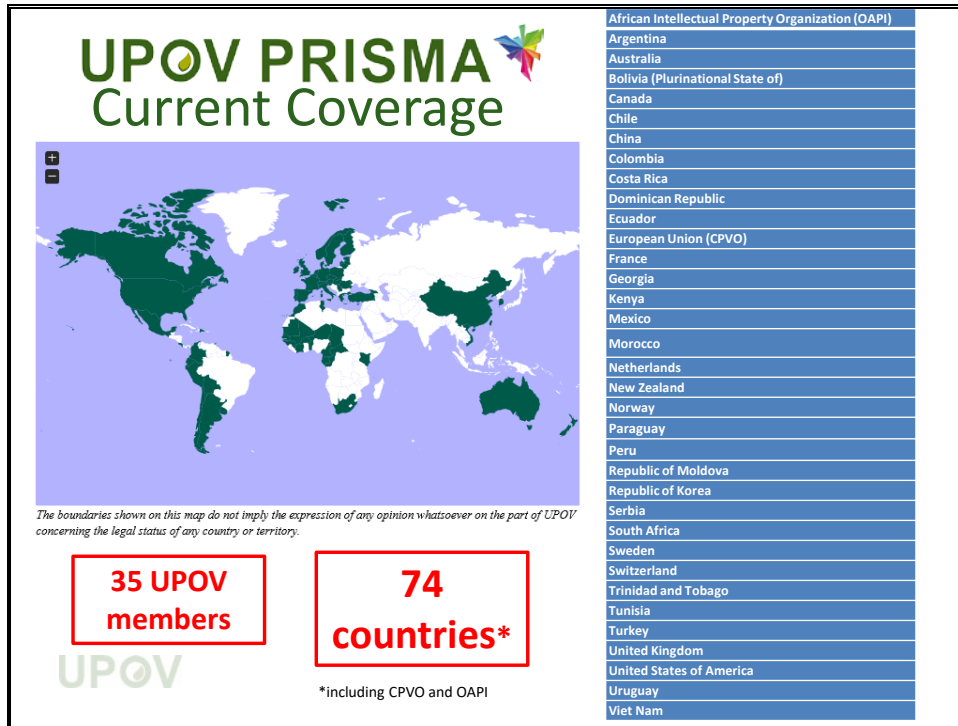
**UPOV**

International Union for the Protection of New Varieties of Plants

## PREVIEW

- UPOV PRISMA Version 2.2
- Surveys
- UPOV PRISMA Version 2.3
- Communication & Promotion
- Financing of UPOV PRISMA
- Future developments
  - Version 2.4
  - 2020 and +

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## Status - UPOV PRISMA Version 2.2

- Released on **June 13, 2019**
- New authorities:
  - Ecuador
  - Dominican Republic
  - Trinidad and Tobago

Authority	Crop Coverage Expansion
Dominican Republic	All genera and species
Ecuador	All genera and species
Trinidad and Tobago	Anthuriums , Bromeliaceae, Heliconiaceae, Orchidaceae, Sterculiaceae, Cajanus cajans, Vigna sp., Theobroma cacao L.

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## Crop coverage expansion in **Version 2.2** for existing participating authorities



Authority	Anticipated Crop coverage in Version 2.2 (highlighted in blue are changes from Version 2.1)
Argentina	AppleFruitVarieties, Barley, Black Radish, Oriental Radish, Brussels Sprouts, Cauliflower, Chinese Cabbage, Grapevine, Maize, Melon, Potato, Rose, Shallot, Grey Shallot, SoyaBean, Spinach, Sweet Pepper, Hot Pepper, Paprika, Chili, Tomato Rootstocks, Watermelon, Welsh Onion, Japanese Bunching Onion, Wheat, <b>Egg Plant, Witloof Chicory, Broad Bean, Fig, Papaya, Salvia, Green onion, Indian mustard, Sugarcane, Cotton</b>
European Union	All genera & species excluding agricultural crops, apart from <b>Bent, cocksfoot, meadow fescue, fescue, ryegrass, timothy</b>
Republic of Moldova	Maize, Wheat, Pea, Barley, European Plum, Tomato, Grapevine, Sweet Pepper, Hot Pepper, Paprika, Chili, Sunflower, Walnut, Apple Fruit Varieties, Lettuce, Potato, Rose, Soyabean, <b>Oats, Rye, Strawberry, Blackberry</b>
Serbia	Apple Fruit Varieties and Rose, <b>raspberry and blueberry</b>

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## New functionalities **UPOV PRISMA Version 2.2**



- Russian as navigation language
- National listing for the Netherlands
- Enhancement of agent role: «handshake» functionality
- Improved copy functionality
- Full scale for states of expression / notes in variety characteristics and variety comparisons

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## UPOV PRISMA Choice of languages



Navigation languages

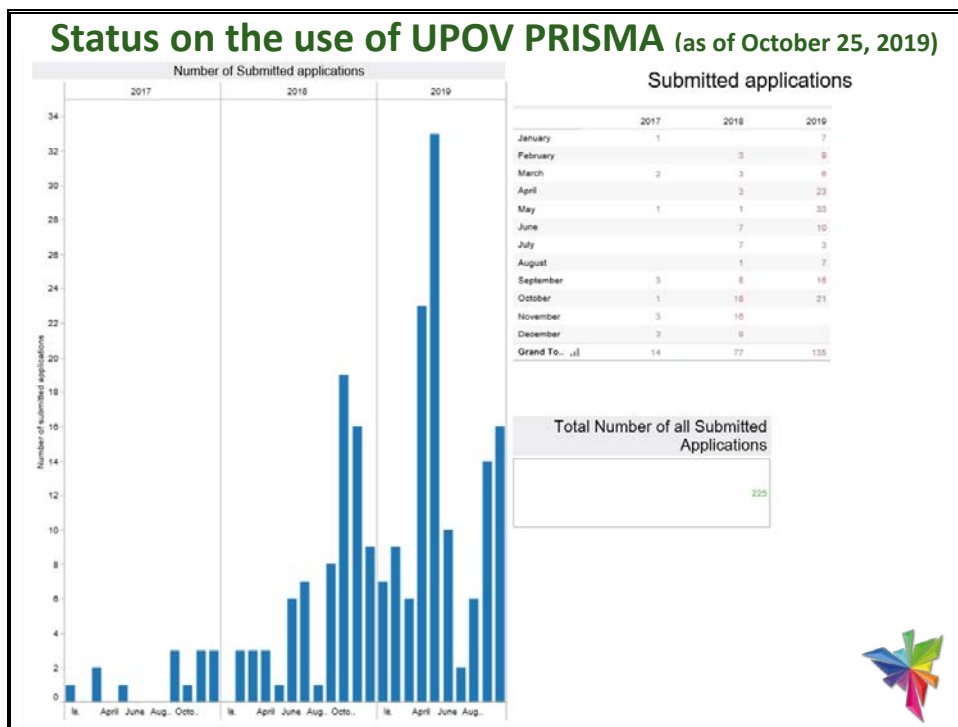
- Chinese
- English (EN)
- French (FR)
- German (DE)
- Japanese
- Korean
- Russian
- Spanish (SP)
- Turkish
- Vietnamese

Output form languages

EN, FR, SP, DE

- Chinese
- Georgian
- Korean
- Norwegian
- Romanian
- Serbian
- Swedish
- Turkish
- Vietnamese

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## Status on the use of UPOV PRISMA For PBR applications (as of October 25, 2019)

Submitted PBR applications

	2017	2018	2019
January	1		7
February		3	9
March	2	3	6
April		3	23
May	1	1	33
June		7	10
July		7	3
August		1	6
September	3	8	14
October	1	19	21
November	3	16	
December	3	9	
<b>Grand Total</b>	<b>14</b>	<b>77</b>	<b>132</b>

Total Number of Submitted Applications

222



## Status on the use of UPOV PRISMA For NLI applications (as of October 25, 2019)

	2019
August	1
September	2
<b>Grand Total</b>	<b>3</b>

**NATIONAL LISTING**

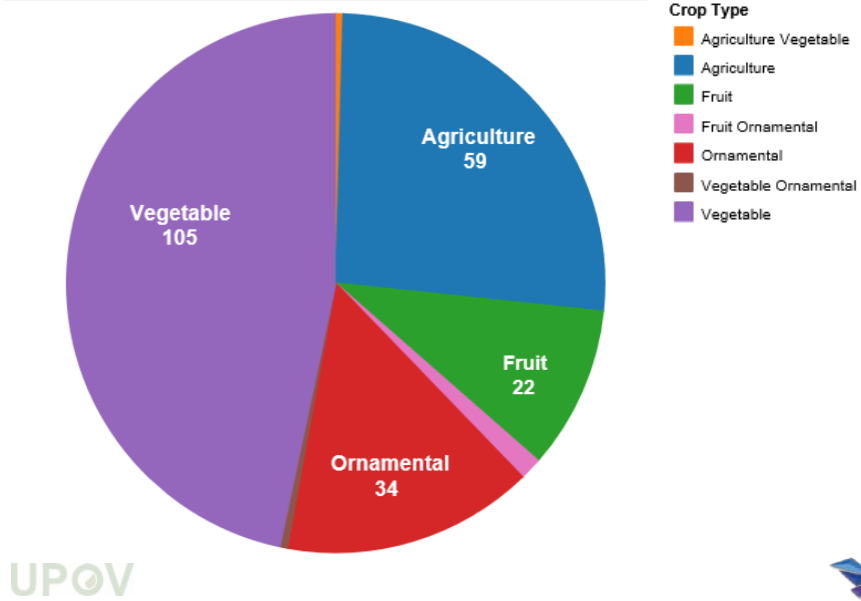
UPOV PRISMA enables breeders to submit data for National listing applications in the Netherlands

New functionality introduced in June 2019 (Version 2.2)

### Status on the use of UPOV PRISMA (as of October 25, 2019)

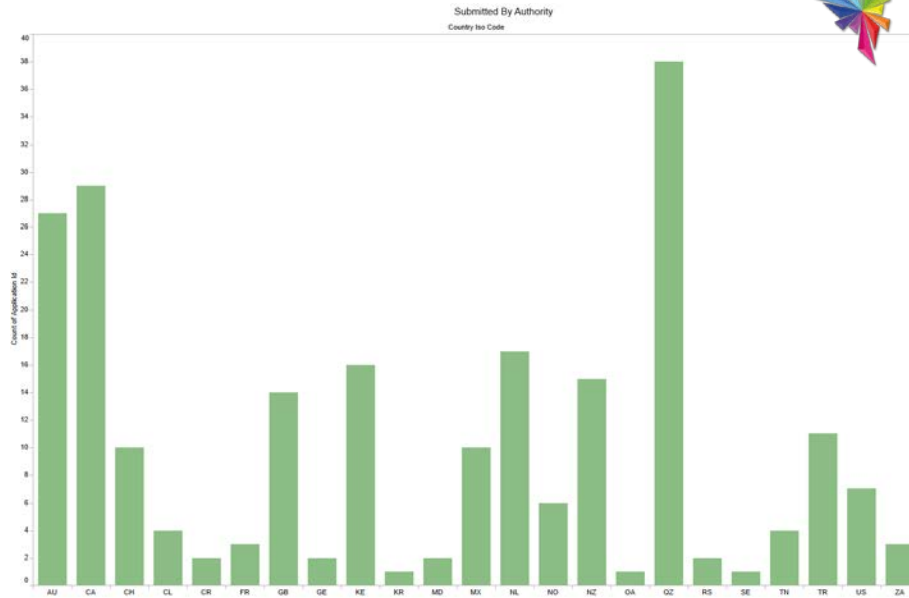
Submitted applications by crop type



### Status on the use of UPOV PRISMA (as of October 25, 2019)



## Status on the use of UPOV PRISMA (as of October 25, 2019)



### PREVIEW

- UPOV PRISMA Version 2.2
- Surveys
- UPOV PRISMA Version 2.3
- Communication & Promotion
- Financing of UPOV PRISMA
- Future developments
  - Version 2.4
  - 2020 and +

## Surveys

### Conclusion from EAF/13 meeting

13. The participants at the EAF/13 meeting noted that a **survey on the suitability of financing options** would be conducted with registered entities in UPOV PRISMA and to a wider group of potential users and interested experts in UPOV. The survey **would help to assess the value of the service offered** by UPOV PRISMA and **help to determine a suitable fee for UPOV PRISMA** (see document EAF/13/3 "Report" paragraph 33).

14. It was noted by the participants at the EAF/13 meeting that the results of the survey, together with proposals for the financing of UPOV PRISMA would be reported at the subsequent EAF meeting (see document EAF/13/3 "Report" paragraph 34).

## Surveys

### Objective:

- To **assess the value of the service** offered via UPOV PRISMA and to **determine a price** for UPOV PRISMA Fee

### Target:

- UPOV PRISMA users

### Methodology:

- Qualitative survey (one-to-one interview)
- Quantitative survey (online) (All registered users)
- Performed by an independent market research institute
- Interviews in English, French and Spanish



### Broader Target:

- A subsequent survey was made available online to a wider group of users



## Surveys

Presentation by :



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## Surveys

### Recommendations

On the basis of the replies to the surveys, the recommendations made by ADquation were as follows:

- a) Very risky to make users pay for UPOV PRISMA at that time because of technical problems
- b) However thanks to their trust in the concept, in UPOV and in its team, all remain confident in the UPOV PRISMA and will be willing to pay a fee when it is fully operational
- c) Defects to solve and missing features to develop (priority ranking)
  - i. Solve IT bugs / technical problems
  - ii. Make sure that all countries and crops are regularly checked (updated form, translations...)
  - iii. Ongoing inclusion of new countries / new crops
- d) In parallel, advise to work with UPOV members with the following objectives
  - i. Ongoing harmonization of application forms between countries
  - ii. Improve the communication between members and applicants during the process (mainly acknowledgement of receipt)
- e) While introducing UPOV PRISMA, avoid too strong promises (in particular time-saving) and focus on smooth process and serenity (peace of mind)
- f) Individual support is crucial to make sure users are able
  - i. to complete a whole application, in all situations
  - ii. to connect all third-parties in an appropriate way and with the appropriate rights
  - iii. Video training is not sufficient despite the feeling of easiness it provides. Direct contact is recommended
- g) Once all the evolutions are set up, we advise a price between 100 € (110 CHF) and 150 € (170 CHF)

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## Surveys

### Follow-up and action plan after the surveys

On the basis of the information obtained from the ADquation survey, the following approach is proposed:

- a) to address technical issues and improve the user experience:
  - i. design and integrate semi-automatic testing to identify and eliminate IT bugs;
  - ii. provide a direct communication route to the UPOV PRISMA helpdesk;
  - iii. redesign user interface for a better user experience;
  - iv. develop an approach to ensure that receipt of application data is acknowledged by PVP Offices and that data are duly and promptly processed;
  - v. introduce new functionalities to improve the value of UPOV PRISMA, within available resources (e.g. DUS Arrangement Tool);
- b) introduce measures to ensure that information and forms in UPOV PRISMA are complete and up-to-date and arrange for verification of translations by relevant persons;
- c) expand geographical and crop coverage of UPOV PRISMA and inclusion of coverage of national listing, as far as resources allow, with priority being given to items (a) and (b);
- d) explore opportunities to facilitate harmonization of forms where appropriate;
- e) amend UPOV PRISMA promotion material to focus on the benefits of a smooth and reliable process, rather than time-saving; and
- f) explore possibilities to assist members of the Union to receive, process and manage application data.

### Follow-up and action plan after the surveys

#### (a)(i) Semi-Automatic testing

- Currently, in UPOV PRISMA, depending on the supported crops and the authorities, there are around 48,000 unique cases for form generation (English only).
- It is impossible to test manually all these cases
- The form layout is different from one case to another

## Follow-up and action plan after the surveys

### (a)(i) Semi-Automatic testing

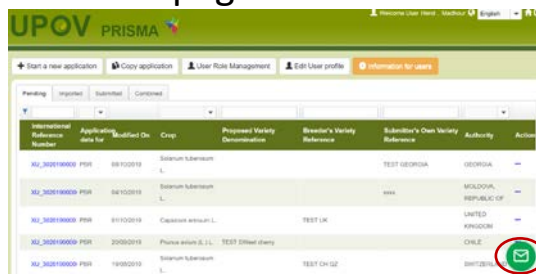
- Semi-automatic approach
  - Automatic creation of test scenarios
  - Manual test of common blocks within a form
- Block Optimization
  - Reduces the number of cases to 500 cases
- Testing in progress
  - by end of November 2019
- Testing results are reported for each case in Qtest platform.

## Follow-up and action plan after the surveys

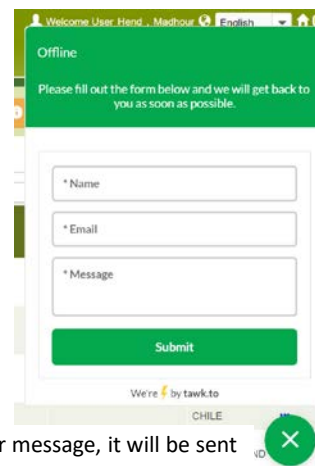
### (a)(ii) Direct communication tool

Live chat helpdesk:

- For all UPOV PRISMA users
- In all pages



International Reference Number	Applicant's name	Qualified DA	Crop	Proposed Variety Designation	Breeder's Variety Reference	Submitter's Own Variety Reference	Authority	Action
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			
XU_302190000 P19	88102019	88102019	L	TEST GEORGIA	GEORGIA			



Welcome User: Hend... Medhour... English

Offline

Please fill out the form below and we will get back to you as soon as possible.

\* Name

\* Email

\* Message

Submit

We're by tawk.to

CHILE

When you submit your message, it will be sent to UPOV PRISMA mailbox.

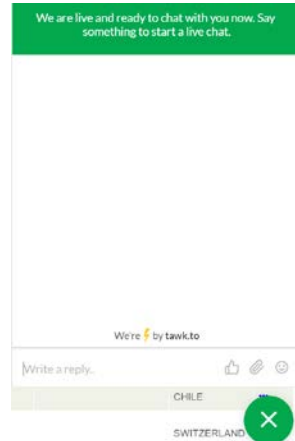


## Follow-up and action plan after the surveys

### (a)(ii) Direct communication tool

- The helpdesk person can connect and start a live chat with the user.

International Reference Number	Application data for	Modified On	Crop	Proposed Variety Denomination	Breeder's Variety Reference	Submitter's Own Variety Reference	Authority	Action
XU_302190000	PSR	08/10/2019	Solanum tuberosum L.			TEST GEORGIA	GEORGIA	--
XU_302190000	PSR	04/10/2019	Solanum tuberosum L.			***	MOLDOVA, REPUBLIC OF	--
XU_302190000	PSR	01/10/2019	Capiscum annuum L.		TEST UK		UNITED KINGDOM	--
XU_302190000	PSR	20/09/2019	Prunus avium L. L.	TEST Sweet cherry			CHILE	--
XU_302190000	PSR	19/08/2019	Solanum tuberosum L.		TEST CH GZ		SWITZERLAND	--



## Follow-up and action plan after the surveys

### (a)(ii) Direct communication tool

- Live chat helpdesk has been integrated in the Tool
  - 8 offline messages
  - 4 live chat cases

International Reference Number	Application data for	Modified On	Crop	Proposed Variety Denomination	Breeder's Variety Reference	Submitter's Own Variety Reference	Authority	Action
XU_302190000	PSR	08/10/2019	Solanum tuberosum L.			TEST GEORGIA	GEORGIA	--
XU_302190000	PSR	04/10/2019	Solanum tuberosum L.			***	MOLDOVA, REPUBLIC OF	--
XU_302190000	PSR	01/10/2019	Capiscum annuum L.		TEST UK		UNITED KINGDOM	--
XU_302190000	PSR	20/09/2019	Prunus avium (L.) L.	TEST Sweet cherry			CHILE	--
XU_302190000	PSR	19/08/2019	Solanum tuberosum L.		TEST CH GZ		SWITZERLAND	--

## Follow-up and action plan after the surveys

### (a)(iii) User interface

- Workshop with 5 users in order to gather their requirements and identify the difficulties they have been facing.
- Appoint a design agency to animate the workshop and propose design guidelines in order to improve the user experience

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## Follow-up and action plan after the surveys

### (a)(iii) User interface

The screenshot displays the UPOV PRISMA user interface. At the top, there is a navigation bar with the UPOV PRISMA logo, a menu with 'Applications', 'Submissions', and 'Manage user role', a 'PVP office procedure' button, and a user profile for 'Daniel Janus' with a language selector set to 'NL'. Below the navigation bar is a header image of green leaves with two buttons: 'Start new application' (orange) and 'Copy application' (blue). A dropdown menu is open over the 'Copy application' button, showing 'New application' and 'Copy application' options. Below the header is a section titled 'Lorem ipsum' with placeholder text. Underneath is a filter bar with 'In progress' (selected), 'Duly filed', 'Imported', and 'Cancelled' tabs. A search bar and a 'Sort by: All categories' dropdown are also present. The main content is a table with the following columns: International Reference number, Application date for, Modified on, Status, Crop, Proposed variety denomination, Submitter's reference, Authority, and Action. The table contains five rows of data, all for 'Cirus limon (L.) Baum'.

International Reference number	Application date for	Modified on	Status	Crop	Proposed variety denomination	Submitter's reference	Authority	Action
XU_30201900000845	PBR	05-07-2019	*****	Cirus limon (L.) Baum			NETHERLANDS	...
XU_30201900000845	PBR	05-07-2019	*****	Cirus limon (L.) Baum			BELGIUM	...
XU_30201900000845	PBR	05-07-2019	*****	Cirus limon (L.) Baum			GERMANY	...
XU_30201900000845	PBR	05-07-2019	*****	Cirus limon (L.) Baum			NETHERLANDS	...
XU_30201900000845	PBR	05-07-2019	*****	Cirus limon (L.) Baum			GERMANY	...

## Follow-up and action plan after the surveys (a)(iii) User interface

The screenshot shows the 'New Application Settings' page in the UPOV PRISMA system. The header includes the logo and navigation links for Applications, File upload, Manage user role, PVP office procedure, and a user profile for Daniel Janus. The main heading is 'New Application Settings' with a 'Go Back' button. Below the heading is a sub-heading: 'Fill in a new application for a new species or crop, or search for existing species & crops.' The form is divided into several sections: 'Crops Species' with radio buttons for 'Crop/Species with previous applications' and 'Search all crops/species', a search bar containing 'Citru', and a dropdown menu showing 'Citrus Limen (L.) Burm. F.' with a list of radio buttons; 'Select Authority' with a 'Country' dropdown and a 'Search' button; 'Application data for' with radio buttons for 'PBR' and 'National listing', a 'Browse' button, and 'Upload existing data (ZIP)'; 'Select language for answers' with dropdowns for 'Application form' and 'Technical Questionnaire', both set to 'English'; and finally 'Cancel' and 'Start' buttons at the bottom.

## Follow-up and action plan after the surveys (a)(iii) User interface

The screenshot shows the application form in progress, titled 'Lorem ipsum'. The header is identical to the previous screenshot. The main heading is 'Lorem ipsum' with the same sub-heading. The form is divided into three main sections: '1. Crops Species' with a list of radio buttons for 'Applicants', 'Breeder', 'Plant breeder', 'Other applicants', 'Breeder', and 'Technical questionnaire'; '2. Technical questionnaire' with a list of radio buttons for 'Breeding material', 'Genetic Characterisation', 'Applicants', 'Applicants', and 'Applicants'; and '3. Declaration and Signature' with a list of radio buttons for 'Breeding material', 'Genetic Characterisation', and 'Technical questionnaire'. To the right of these sections is '1.3 Correspondence address' with fields for 'Personal information' (Surname, Firstname, Phone number, Email address), 'Company information' (Company name, Address, Zip code, Country, City), and a 'Save' button. At the bottom, there is a progress indicator showing '1 of 14 steps complete' and a 'Save' button. The UPOV logo is visible in the bottom left corner.

Follow-up and action plan after the surveys  
**(a)(iv) Application data processing**

- UPOV PRISMA Terms of Use:

➤ <https://www.upov.int/upovprismausers/en/termsuse.html>

EAF/14/2  
ANNEX I  
UPOV PRISMA Terms of Use

## UPOV PRISMA Terms of Use

### General acknowledgment before you register

The data transmitted using UPOV PRISMA does not constitute the official application for a breeder's right. The authority entrusted with the task of granting breeders' rights (PBR authority) retains full responsibility in relation to the requirements concerning the filing of applications and grants of breeders' rights in accordance with the legislation of the member of the Union concerned.

Reference in these terms of use to the term "PBR authority" should be understood as covering also the term "PVP Office".

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Follow-up and action plan after the surveys  
**(a)(iv) Application data processing**

Proposal is made to add the new following section of the UPOV PRISMA Terms of Use:

In particular, the PBR authority agrees to the following:

1. Be part of UPOV PRISMA PBR Application Tool (letter to be signed by the Representative to the UPOV Council of the UPOV member concerned)
2. Provide the Office of the Union with the most recent and updated application forms (including Technical Questionnaire)
3. Provide the Office of the Union with relevant verified translations (if applicable)
4. Complete the "Information for applicants" (PVP Office procedures) to be made available for applicants and provide updates as necessary

## Follow-up and action plan after the surveys

### (a)(iv) Application data processing

Proposal is made to add the new following section of the UPOV PRISMA Terms of Use: (cont'd)

5. Test and check the output forms during the relevant Test campaigns
6. Specify all documents required for accepting a completed application and ensure all required information can be provided in UPOV PRISMA (with an exception for the electronic signature, if appropriate)
7. Accept application data submitted via UPOV PRISMA without the need for further data or information (except for signature)
8. Accept application data by machine-to-machine data transfer or as provided and presented in the output format (PDF), or provide a stylesheet or information that should be displayed on the PDF to be acceptable (e.g. logo)

## Follow-up and action plan after the surveys

### (a)(iv) Application data processing

Proposal is made to add the new following section of the UPOV PRISMA Terms of Use: (cont'd)

9. Inform the Office of the Union of any changes or updates in the application forms (including Technical Questionnaire) and accept data according to the earlier version until UPOV PRISMA is updated - UPOV PRISMA will be updated at the next release or within 6 months following notification thereof, whatever is the sooner
10. Acknowledge receipt in UPOV PRISMA of any application data submitted via UPOV PRISMA within 7 days
11. Indicate the filing date in UPOV PRISMA within 7 days after it is duly filed with the participating PVP Office

## Follow-up and action plan after the surveys

### (a)(iv) Application data processing

Proposal is made to add the new following section of the UPOV PRISMA Terms of Use: (cont'd)

12. PVP Office not to charge a higher application fee when receiving application data through UPOV PRISMA
13. Communicate information to applicants on the possibility to use UPOV PRISMA
14. Permit UPOV to disclose data about the number and crop types of applications received via UPOV PRISMA (no data on individual application will be disclosed)

## Follow-up and action plan after the surveys

### (a)(iv) Application data processing

Acceptance of the new following section of the UPOV PRISMA Terms of Use:

- Participation in UPOV PRISMA would require agreement to the Terms of Use.
- In the case of current participating member of the Union, agreement would be needed to be included before the introduction of a fee for UPOV PRISMA.

Follow-up and action plan after the surveys  
**(a)(iv) Application data processing**  
 Extension of the workflow until the  
 assignment of the filing date

- New status
  - Received
  - Filed

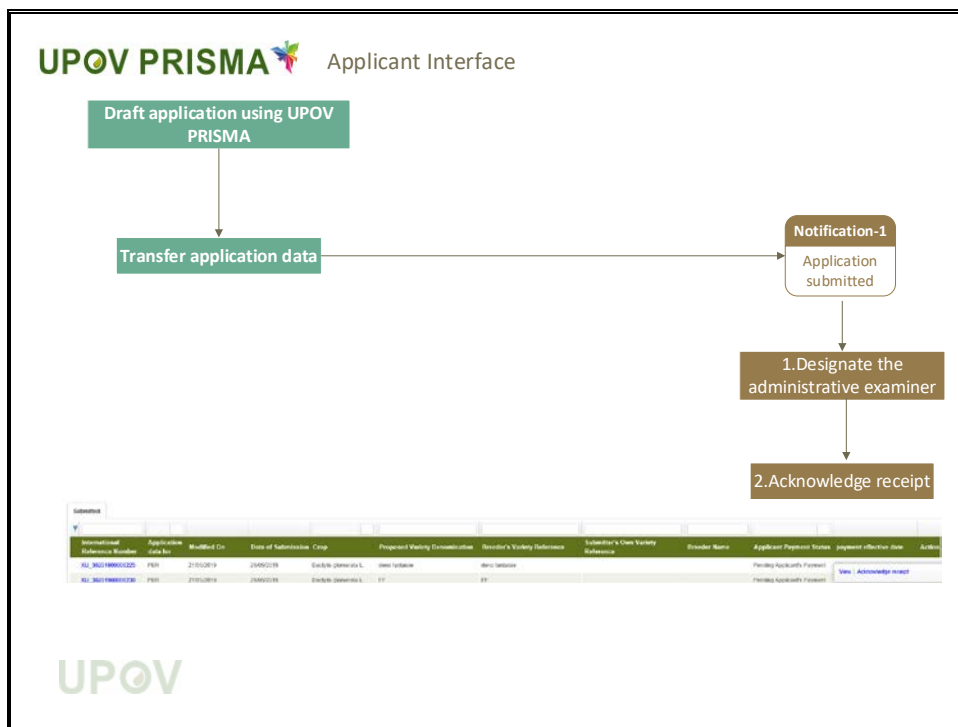
Submitted

International Reference Number	Application data for	Modified On	Date of Submission	Crop	Proposed Variety Denomination
XU_30201900000225	PBR	21/05/2019	21/05/2019	Dactylis glomerata L.	deno fantasia
XU_30201900000230	PBR	21/05/2019	21/05/2019	Dactylis glomerata L.	FF

Breeder's Variety Reference	Submitter's Own Variety Reference	Breeder Name	Applicant Payment Status	payment effective date	Action
deno fantasia			Pending Applicant's Payment		<a href="#">View</a>   <a href="#">Acknowledge receipt</a>
FF			Pending Applicant's Payment		

UPOV



**Notification-3**  
Application received

2. Acknowledge receipt

3. Administrative examination (e.g. check application data, denomination, novelty)

Application Duly filed?

4. Ask for revision ← no

**Notification-3**  
Application received

Tue 10/08/2019 4:35 PM  
Noreply Upov  
[UPOV PRISMA] Application received

To: [redacted]  
Cc: [redacted]

Dear Sir, Madam,

Subject: UPOV PRISMA : Application received

Please be informed that the following application has been received:

- Request by authority for additional information concerning application: XU\_30201900001871

If necessary, please provide your comments/instructions to be communicated to the applicant.

For more information, please click on the link below:

Best Regards,  
UPOV

XU\_30201900001871

Please provide the following missing information

body p

Continue Cancel

**Notification-4**  
Application pending revision

4. Ask for revision ← no

Application Duly filed?

yes

5. Assign registration number and a filing date

**Notification-4**  
Application pending revision

Fri 10/18/2019 2:33 PM  
Noreply Upov  
[UPOV PRISMA TEST] Request For Revision : Application data submission (XU\_30201900001871)

To: [redacted]  
Cc: [redacted]

Enterprise Vault Suggested Meetings Action Items

Madam,  
Sir,

Please be notified that UNITED STATES OF AMERICA requested to revise / provide additional information as following:

Please provide the following missing information

You are invited to access your dashboard in order to edit your application data.

Best Regards,  
UPOV PRISMA TEST

Assign Filing Date

Filing date [22/10/2019] x

Save Cancel

Proposed Variety Denomination Breeder's Variety Reference Submitter's Own Variety Reference

UPOV



Notification-5  
Application filed ←
 5.Assign registration number and a filing date

Reply Reply All Forward IM  
 Tue 10/22/2019 10:06 AM  
**Noreply Upov**  
 [UPOV PRISMA TEST] Application Duly Filed

To: [REDACTED]

Cc: [REDACTED]

Enterprise Vault

Dear Sir, Madam,

Subject: UPOV PRISMA : Application approved

Please be informed that the following application has been duly received on 22/10/2019:

- XU\_30201900001808

For more information about UPOV PRISMA, please go to: <https://www3.wipo.int/upovprisma>

Best Regards,  
UPOV PRISMA Team

UPOV

## Follow-up and action plan after the surveys

### (d) Harmonization of forms

- Australian TQ Form questions have been compared with the other 13 generic TQ questions as well as UPOV Generic TQ.

➤ [Report](#)

QUESTION TEXT EN	This same question is harmonically used by	
Proposed name for the variety	AU, BO, JP	
Commonly a synonym is an alternative name for a variety. Please note that once accepted, this synonym along with the name is also protected. A synonym must also conform with section 27 of the PBR Act	AU	
Trade name	AU	UPOV TQ
Other name	AU	
Is the variety an indigenous variety?	AU	not in UPOV TQ form but used by multiple authors
It is mandatory to submit a herbarium specimen to the Australian Culture Registration Authority (ACRA).		
Access involves the loss of flowering and/or seed mass of a specimen to be collected and sent to ACRA.	AU	Only used by Australia
Has this species ever been declared a noxious weed in any Australian state or territory?		
Are the characteristics or combination of characteristics which make your variety distinctive, clearly distinguishable from parent stock material and the total genetic variation of common knowledge (DUS) (DUS) comparable? Characteristics must be a source of genetic variation to establish a prior file case. Please attach a photograph of the variety showing its distinguishing features.		
Trade secrets	AU	headers
Origin of the variety: the variety arose from	AU, BO, CR, JP, MA, QZ, VN, RU	
Controlled pollination	AU, BO	
Substantive threshold or limit	AU	
Selection from "natural" material consisting, but not restricted to, selections from within unselected populations from which selections or obtained parts, or selected from heterogeneous material obtained by a Genetic Resource Centre (GRC). Other selections will be sought in question 13.04. Relevant passport data is provided with this application	AU	

UPOV

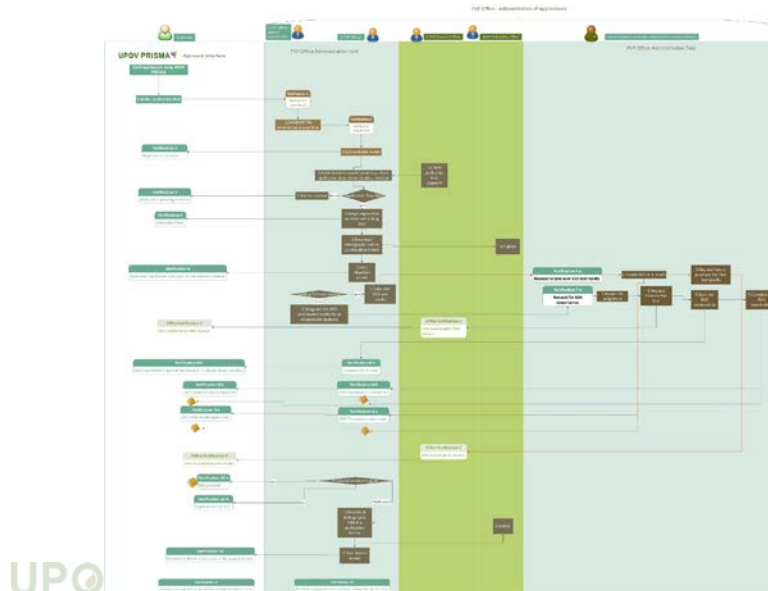
## Follow-up and action plan after the surveys (f) PVP Office Management Interface

- Provide national storage facility
- Facilitate access to application data for examination purpose
- Export data:
  - For publication (gazette)
  - To Pluto DB

UPOV



## Collaboration with OAPI and CPVO



Follow-up and action plan after the surveys

## (f) PVP Office Management Interface

- In the context of EAPVP pilot project
  - Work on the specific requirements

UPOV



## CONCLUSION

The participants in the EAF/14 Meeting are invited to:

- Note the outcomes of the surveys, and the recommendations made
- Note the proposed follow-up in paragraph 23 of document EAF/14/2
- Agree with the actions suggested in paragraphs 24 to 34 of document EAF/14/2

UPOV

## PREVIEW

- UPOV PRISMA Version 2.2
- Surveys
- UPOV PRISMA Version 2.3
- Communication & Promotion
- Financing of UPOV PRISMA
- Future developments
  - Version 2.4
  - 2020 and +

## UPOV PRISMA Version 2.3

- Released on **October 25, 2019**
- New authorities:
  - Morocco
  - Peru

Authority	Crop Coverage Expansion
Morocco	Melon
Peru	All genera and species

## Crop coverage expansion in Version 2.3

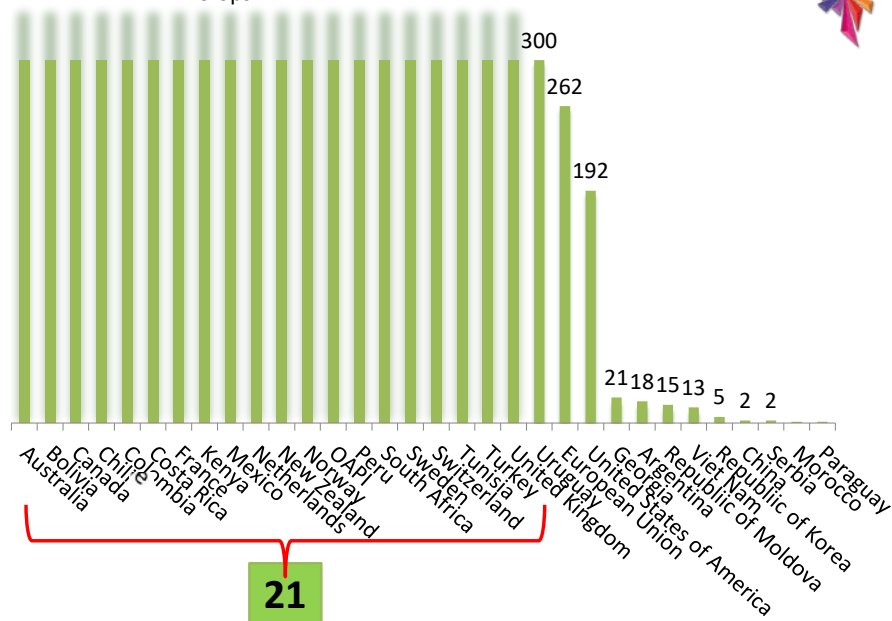


Authority	Crop Coverage Expansion
VietNam	Poinsettia ( <i>Euphorbia pulcherrima</i> Willd. Ex klotzsch) Sun flower ( <i>Helianthus annuus</i> L.) Dahlia (Dahlia) Carnation ( <i>Dianthus caryophyllus</i> L.) Cabbage ( <i>Brassica oleracea</i> L.: Brassica (White Cabbage Group); Brassica (Savoy Cabbage Group); Brassica (Red Cabbage Group)) Onion ( <i>Allium fistulosum</i> L.) Kohlrabi ( <i>Brassica oleracea</i> L. convar. <i>acephala</i> (DC.) Alef. var. <i>gongylodes</i> L.; <i>Brassica oleracea</i> L. <i>Gongylodes</i> Group)
Republic of Moldova	Sour cherry - <i>Prunus cerasus</i> L. Pear - <i>Pyrus communis</i> L. Raspberry - <i>Rubus idaeus</i> L. Onion <i>Allium cepa</i> L.

UPOV

### Current Coverage of crops/ species in UPOV PRISMA

All Crops



21

## New functionalities UPOV PRISMA Version 2.3

- Live chat helpdesk
- Extension of the workflow until the assignment of the filing date
- Private list for agents
- Machine-to-machine communication for lettuce, potato , soya bean and wheat for the United States of America

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## New functionalities UPOV PRISMA Version 2.3 Private list for agents

### Agent Profile

In which authorities are you working as agent? \*

<input type="checkbox"/>	CZ	CZECH REPUBLIC
<input type="checkbox"/>	DO	DOMINICAN REPUBLIC
<input type="checkbox"/>	EC	ECUADOR
<input type="checkbox"/>	QZ	EUROPEAN UNION
<input type="checkbox"/>	FR	FRANCE
<input type="checkbox"/>	GE	GEORGIA
<input type="checkbox"/>	JP	JAPAN
<input type="checkbox"/>	KE	KENYA
<input type="checkbox"/>	MX	MEXICO
<input checked="" type="checkbox"/>	MD	MOLDOVA, REPUBLIC OF

« < 2 / 4 > » [ 11 - 20 / 39 ]

- In version 2.2, a registered agent appeared in the public list of agents. A breeder who applied to a country in the list could choose and assign a selected agent permission.

➤ In Version 2.3 the agent will check a box to appear in the public list

UPOV

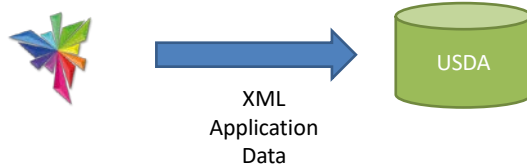
Would like to appear in the list of available agents for all breeders?

\*

New functionalities  
**UPOV PRISMA Version 2.3**

Machine-to-machine communication  
for lettuce, potato, soya bean and wheat  
for the United States of America

- When an applicant submits application data to the United States of America, it will be automatically inserted into their system.



UPOV

PREVIEW

- UPOV PRISMA Version 2.2
- Surveys
- UPOV PRISMA Version 2.3
- **Communication & Promotion**
- Financing of UPOV PRISMA
- Future developments
  - Version 2.4
  - 2020 and +

UPOV

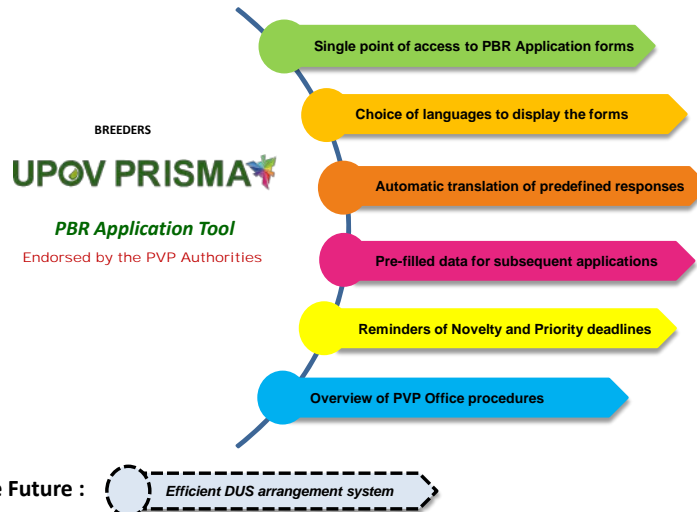
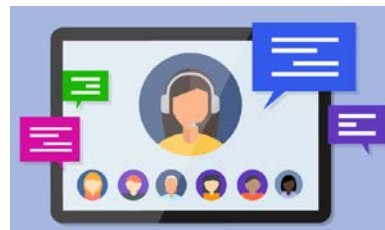
## UPOV PRISMA PROMOTION in 2020



- New infographic(s)
- Diffusion of Information via Social media channels
- Participation in events, upon request
- Update of the UPOV PRISMA E-leaflet, upon request (available for PVP Offices)
- Organization of Webinars, on specific subject raised by users:
  1. *How to personalize alerts and notifications for Novelty and Priority*
  2. *How to select an agent in UPOV PRISMA*
  3. *How to link "my UPOV PRISMA" account with "my CPVO" account*
  4. *How to start a new application and copy data from an existing application data to a subsequent one*
  5. *How to do a bulk upload of several applications*
  6. *How to follow-up on the status of my submitted application in UPOV PRISMA*

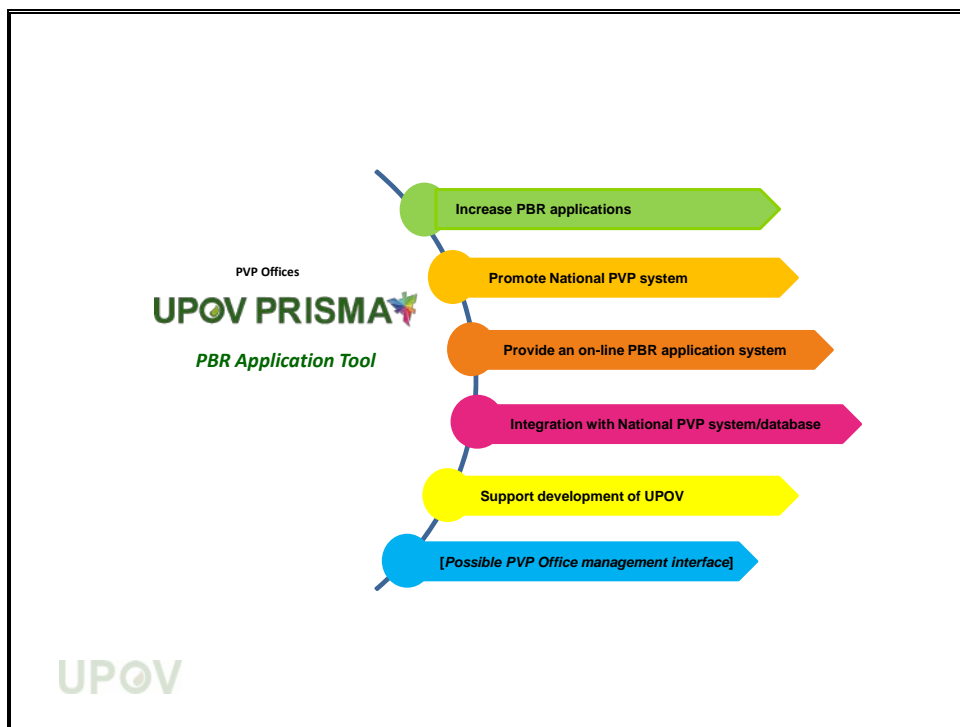
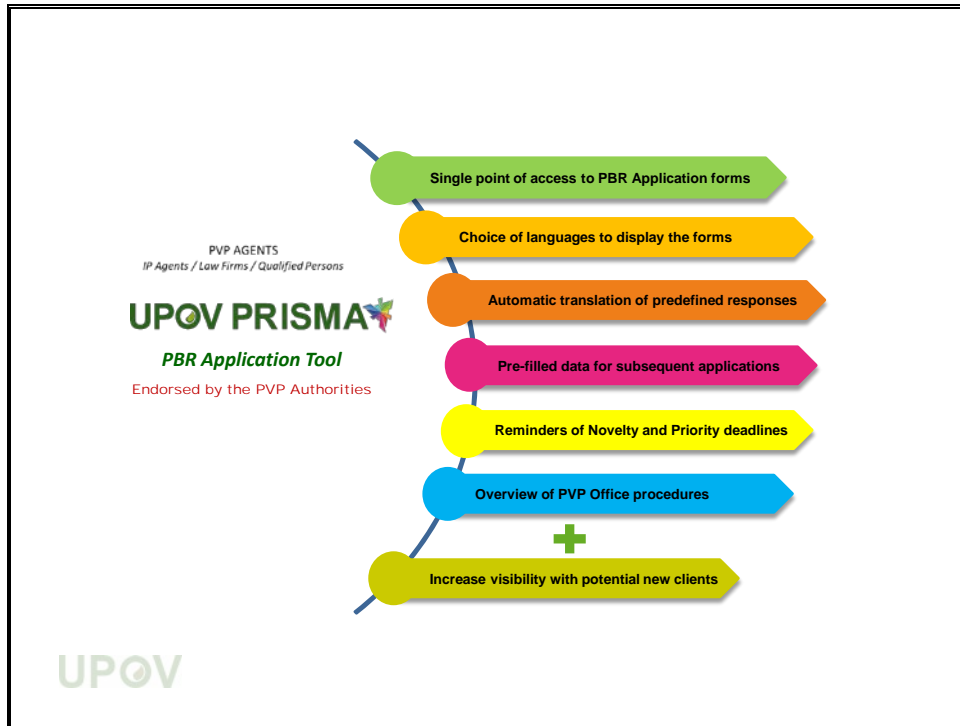
See recommendations from the surveys (e)

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## PREVIEW

- UPOV PRISMA Version 2.2
- Surveys
- UPOV PRISMA Version 2.3
- Communication & Promotion
- Financing of UPOV PRISMA
- Future developments
  - Version 2.4
  - 2020 and +

## Financing of UPOV PRISMA

The Consultative Committee at its ninety-fifth session noted that more time was needed to increase the number of UPOV PRISMA users in order to achieve a reliable **survey of the suitability of financing options** and also to ensure reliability for users. With regard to a survey of financing options, the Vice Secretary General confirmed the intention to survey users that had submitted applications via UPOV PRISMA, registered entities, newsfeed subscribers and possibly other potential users. The survey would be structured to enable the results of the different categories to be analyzed separately

The Consultative Committee requested the Office of the Union to present **options to the Consultative Committee, at its ninety sixth session, for the financing of UPOV PRISMA**, including: fee per submission; fee per variety; subscription model(s) for applicants; subscription model(s) for members of the Union and package(s) of UPOV services

(see document C/52/17 paragraphs 44 to 47)

## PREVIEW

- UPOV PRISMA Version 2.2
- Surveys
- UPOV PRISMA Version 2.3
- Communication & Promotion
- Financing of UPOV PRISMA
- **Future developments**
  - Version 2.4
  - 2020 and +

## Anticipated crop coverage expansion in Version 2.4



Authority	Crop Coverage Expansion
Japan (new authority)	List of crops to be confirmed

- No new authorities are foreseen in Version 2.4, because priority will be given to addressing technical issues before January 2020
- However, new functionalities and features are planned to be part of UPOV PRISMA V2.4

## Anticipated new Features/ functionalities in V2.4

- New version of payment interface (Epay V2);
- Machine-to-machine communication (Kenya);
- Improvement of generic UPOV PRISMA PDF layout;
- Customization of OAPI Form Layout .
- Technical examination
- Machine to Machine with CPVO: Signatory information
- Allow PVP Office/ breeders/ agents to provide comments on each question; \*
- Enhancement of copy functionality (highlight entry fields not filed in after copy); \*

\* If time permits

UPOV



## Anticipated new Features/ functionalities in V2.4

### New version of payment interface (Epay V2)

- New payment methods:
  - China Union Pay
  - Paypal
- New payment experience
  - Possibility to pay the fees for multiple applications at the same time (bulk payment)
- Better integration with WIPO Finance system

UPOV



## Anticipated new Features/ functionalities in V2.4

- New version of payment interface (Epay V2);
- Machine-to-machine communication (Kenya);
- Improvement of generic UPOV PRISMA PDF layout;
- Customization of OAPI Form Layout .
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\* If time permits

UPOV



## Anticipated new Features/ functionalities in V2.4

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- Technical examination
- Machine to Machine with CPVO: Signatory information
- Allow PVP Office/ breeders/ agents to provide comments on each question; \*
- Enhancement of copy functionality (highlight entry fields not filed in after copy); \*

\* If time permits

UPOV



## Improvement of generic UPOV PRISMA PDF layout

UPOV/EAF/14/3  
ANNEX II, page 33

**Plant Breeder's Rights  
APPLICATION FORM**

ICA

APPLICANT(S)  
 Individual person  Legal entity  
 Name: **Yves Madhur**  
 Address: **Chemin des Colombettes, 14**  
 City: **Geneve**  
 Country: **Switzerland**  
 Telephone: **0041 78 88 81 2**  
 E-mail: **yves.madhur@upov.ch**

BREEDER(S)  
 Name: **Yves Madhur**  
 Address: **Chemin des Colombettes, 14**  
 City: **Geneve**  
 Country: **Switzerland**  
 Telephone: **0041 78 88 81 2**  
 E-mail: **yves.madhur@upov.ch**

CORRESPONDENCE ADDRESS  
 Yes  No

DECLARATION  
 Yes  No

OTHER APPLICATIONS

Year of application	Country	Declaration	Status
1950/2019	Algeria	x	application completed
1950/2019	CAH	x	application completed
1950/2019	Australia	b	application completed

DECLARATION AND SIGNATURE  
 I hereby declare that I am the inventor of the variety, the breeder or the holder of the application, and in the event of the variety, I complete and control it as follows:  
 Name: **Yves Madhur**  
 Title: **Genève**  
 Date: **17/05/2019**  
 Signature: **[Signature]**

ATTACHMENTS  
 Attachments: **[Attachments]**

UPOV/EAF/14/3  
ANNEX II, page 33

**TECHNICAL  
QUESTIONNAIRE**

ICA

SIMILAR VARIETIES AND DIFFERENCES FROM THESE VARIETIES

Similar variety	Characteristics of similar variety	Main characteristic of similar variety	Main characteristic of candidate variety
UPOV 01 Deseq 2018		2. yellow	3. black

ADDITIONAL INFORMATION WHICH MAY HELP TO DISTINGUISH THE VARIETY

SPECIAL CONDITIONS FOR THE ESTABLISHMENT OF THE VARIETY

Year of origin  
 1950/2019  
 2019

Other information  
 Yes  No

## Anticipated new Features/ functionalities in V2.4 Improvement of email layout



Dear Sir, Madam,

You have started a new application for

**Common Sunflower to AFRICAN INTELLECTUAL PROPERTY ORGANIZATION**

More information about the application process in the Authority you have selected including steps to be taken after the data has been submitted is provided [here](#)

Best Regards,

UPOV PRISMA Team

**UPOV**

## Anticipated new Features/ functionalities in V2.4

- New version of payment interface (Epay V2);
- Machine-to-machine communication (Kenya);
- Improvement of generic UPOV PRISMA PDF layout;
- Customization of OAPI Form Layout .
- Technical examination
- Machine to Machine with CPVO: Signatory information
- Allow PVP Office/ breeders/ agents to provide comments on each question; \*
- Enhancement of copy functionality (highlight entry fields not filed in after copy); \*

\* If time permits

UPOV



## Anticipated new Features/ functionalities in V2.4

- New version of payment interface (Epay V2);
- Machine-to-machine communication (Kenya);
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- Customization of OAPI Form Layout .
- Technical examination
- Machine to Machine with CPVO: Signatory information
- Allow PVP Office/ breeders/ agents to provide comments on each question; \*
- Enhancement of copy functionality (highlight entry fields not filed in after copy); \*

\* If time permits

UPOV



## Anticipated new Features/ functionalities in V2.4

### Technical Examination

- In the technical examination chapter,
  - question should allow to insert CPVO. Currently, only countries are allowed.
- Could you please confirm that we can modify the question to allow to insert organizations like CPVO and OAPI?

UPOV



## Anticipated new Features/ functionalities in V2.4

- New version of payment interface (Epay V2);
- Machine-to-machine communication (Kenya);
- Improvement of generic UPOV PRISMA PDF layout;
- Customization of OAPI Form Layout .
- Technical examination
- Machine to Machine with CPVO: Signatory information
- Allow PVP Office/ breeders/ agents to provide comments on each question; \*
- Enhancement of copy functionality (highlight entry fields not filed in after copy); \*

\* If time permits

UPOV





## Anticipated new Features/ functionalities in V2.4

### Machine to Machine with CPVO: Signatory information

- Currently, it is difficult to identify who submits the application data in case of CPVO
  - No Declaration and signature chapter in UPOV PRISMA
- Send in XML the information about who submits the application data in order to make it available in the relevant CPVO account.

UPOV



## Tentative Timetable for UPOV PRISMA Version 2.4

Release	From/To	Milestone Release (MR) Contents/ Functionalities
Release 1	30/09/2019 to 01/11/2019	PDF layout OAPI layout Integrate the new UI
Release 2	04/11/2019 to 29/11/2019	Fix all issues raised by Test automation tool. Update existing forms when notified by the PVP office Epay v2 Japan ** Allow PVP office/ breeders and agents to provide their comments on each question.* Highlight the entry fields that are not filed in after copy.*
TEST Final Release	02/12/2019 to 13/12/2019	

### Launch UPOV PRISMA Version 2.4:

- **16/12/2019**

UPOV

\*If time permits  
\*\* if confirmed



## CONCLUSION

Participants in the EAF/14 Meeting, are invited to:

- Agree the plan proposed for the development of UPOV PRISMA Version 2.4
- Note the plans for communication concerning UPOV PRISMA
- Note that financing of UPOV PRISMA will be considered by the Consultative Committee at its ninety-sixth session and, if appropriate, by the Council at its fifty-third ordinary session

UPOV

## PREVIEW

- UPOV PRISMA Version 2.2
- Surveys
- UPOV PRISMA Version 2.3
- Communication & Promotion
- Financing of UPOV PRISMA
- Future developments
  - Version 2.4
  - 2020 and +

UPOV

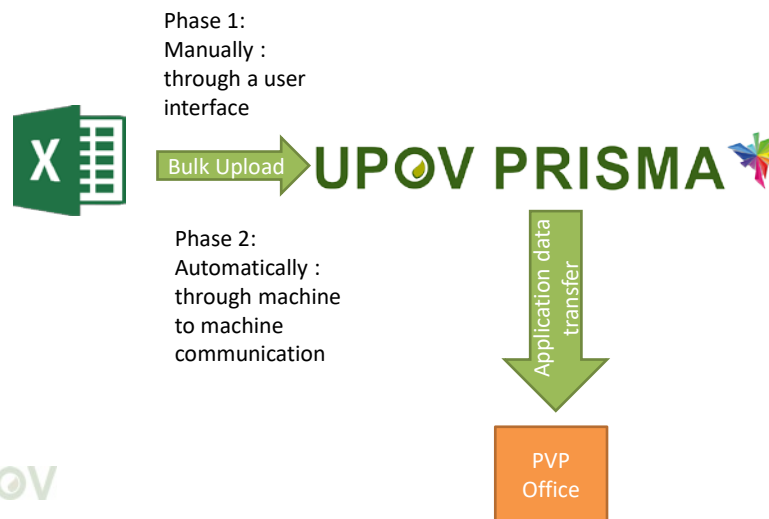
## Anticipated crop coverage expansion in Version 3.0

Authority	Crop Coverage Expansion
Argentina	Indian mustard, Lettuce
European Union	Maize and others (subject to available resources)
Morocco	Tomato, Potato, lettuce, Onion
Singapore	To be confirmed
United Republic of Tanzania	To be confirmed
United States of America	List of crops to be confirmed

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## Anticipated new functionality in Version 3.0 **Bulk Upload**



UPOV

## Anticipated new functionality in Version 3.0

### Bulk Upload: Proposal

- Step 1: Template generated and provided using UPOV PRISMA by country and crop (and language)
  - Excel file
  - Predefined dropdown values
  - 2 tabs: AF and TQ
  - Repeating blocks are configurable (e.g. maximum 3 rows for other applications)
  - Mandatory/Optional indication

UPOV

## Anticipated new functionality in Version 3.0

### Bulk Upload

- Step 2: Complete the excel file
  - Unlimited number of applications (for the same crop and country) – one application per column

UPOV

## Anticipated new functionality in Version 3.0 **Bulk Upload**

- For crops referring to same TG, the same template would be used.
- A UPOV\_CODE column is defined in the excel template with a set of predefined values (scope of the UPOV TG)



### Tentative Timetable for UPOV PRISMA Version 3.0

Release	From/To	Milestone Release (MR) Contents/ Functionalities
Release 1	06/01/2020 to 07/02/2020	Add Authorities Add QZ (Maize)
Release 2	10/02/2020 to 27/03/2020	Integrate the new UX Bulk Upload
Release 3	30/03/2020 to 22/05/2020	Extend the workflow up to the decision of grant: PVP office management interface
TEST Final Release	25/05/2020 to 05/06/2020	

**Launch UPOV PRISMA  
Version 3.0:**  
• **08/06/2020**



## FUTURE STEPS (2020 and +)

- Expansion
  - **Members**
    - (Bosnia and Herzegovina, Nicaragua and Uzbekistan have previously expressed interest to join future releases)
  - **Crops/species**
- New functionalities
  - **Information on DUS cooperation**
  - **More PVP offices with machine-to-machine links/ communication to UPOV PRISMA**
  - **Machine translation**
  - **More countries with National Listing ?**
  - **Crop-specific TQs beyond Test Guidelines**

UPOV



## FUTURE STEPS (2020 and +)

### Information on DUS cooperation

- DUS Arrangement Recommendation Tool (DART)
- **Purpose:** develop an efficient algorithm to provide options in relation to the most efficient arrangement(s) for DUS examinations in EAPVP Pilot project participating members.
- Based on the DUS cooperation data available in GENIE DB

UPOV

**FUTURE STEPS (2020 and +)**  
**Information on DUS cooperation**

- In Genie DB, DUS cooperation data is organized as following:
  - Providing authority
  - Receiving authority
  - Notes

**UPOV**

**FUTURE STEPS (2020 and +)**  
**Information on DUS cooperation**

- In GENIE DB, notes are used for three different purposes:
  - Information :
    - e.g. Switzerland will, in general, utilize existing DUS reports provided by any member of the Union.
  - Specific condition related to experience :
    - e.g. For any species for which it has experience in DUS examination, the authority will provide existing DUS reports to any member of the Union (the authority has experience for this genus/species).
  - Condition:
    - e.g : Outdoor variety

**UPOV**

**FUTURE STEPS (2020 and +)**  
**Information on DUS cooperation**

- Categories of notes have an impact on DART as following:
  - Information :
    - No impact.
    - It can be displayed for information to the applicant.
  - Specific condition related to experience :
    - Used to check in the database if the authority has the required experience
  - Condition:
    - Related to the variety that is the subject of the examination
    - Applicants should specify whether or not this condition is met.

**UPOV**

**FUTURE STEPS (2020 and +)**  
**Information on DUS cooperation**

- Update GENIE Database Model to support these categories of notes
- Next steps:
  - Update existing notes
  - New notes will be inserted with categories
  - Test the algorithm

**UPOV**




## CONCLUSION

Participants in the EAF/14 Meeting, are invited to:

- Note the planned future developments for UPOV PRISMA

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[Annex III follows]



2-4 avenue de la Pépinière • 78220 VIROFLAY – France  
tél. +33 (0)1 39 20 88 50 • www.adquation-em.fr

SURVEY SUMMARY – 19E041

# UPOV PRISMA Assessment and Fee options


## UPOV

October 2019

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nloudet@adquation-em.fr

www.adquation-em.fr



Assessment and Fee options

## Objectives




➤ Main goals were:

- To assess **how valuable** UPOV PRISMA is for breeding companies
- To identify its **advantages** and **drawbacks** to **find a fair price**
- To know how much they are **ready to pay** for this service  
+ the structure of the fee.

➤ In order to determine the **right price** for UPOV PRISMA


October 2019

WIPO FOR OFFICIAL USE ONLY



Assessment and Fee options

## Methodology


 **A qualitative step**


➤ To get...

- Detailed **insights** about the tool
- Detailed **opinion and feelings**, experience sharing
- Understand the **economic value** of UPOV PRISMA

➤ **20 In-Depth Interviews by phone**

- 10 users (including 3 agents)
- 10 who didn't submit (including 1 agent)




**A quantitative step** 

➤ To get ...

- Satisfaction **figures**
- **Hierarchy**
- **Price curve**

➤ **Online questionnaire** sent to 103 companies

- **37 answers** (including 6 agents)
- Most are **highly positioned**



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## ➤ Main results

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## The concept of UPOV PRISMA

➤ A **very appealing** concept; its **perceived strengths** are:

Less forms to fill in

Less reliance on local agents

Information organization

Credibility (UPOV)

➤ Expected **advantages** = easier to:

Gather information

Deal with various application process

Meet the deadlines

Communicate with third parties

Follow-up applications

➤ No spontaneous need is expressed but great expectations are raised when the tool is introduced. Main perceived advantage : burdens reduction

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## Admitted benefits of UPOV PRISMA

➤ For **those who submitted** at least one application:

Work organization

Serenity

- Smooth process
- Administrative burden is lessened

- Less risk of errors
- Less omission

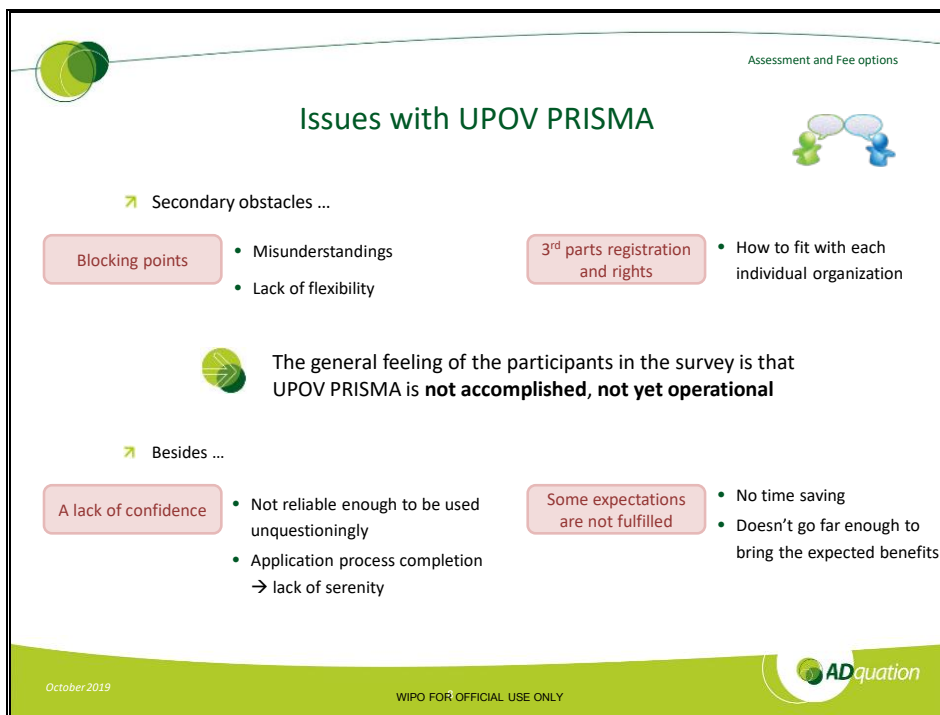
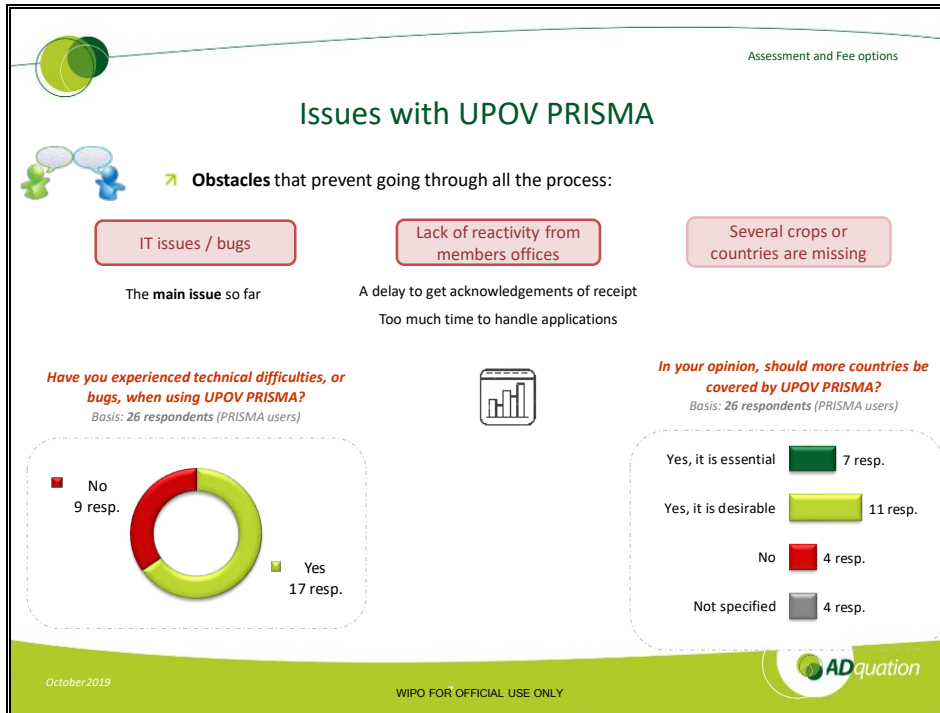
**Would you say you are satisfied with UPOV PRISMA?**  
*Basis: 26 respondents (PRISMA users)*

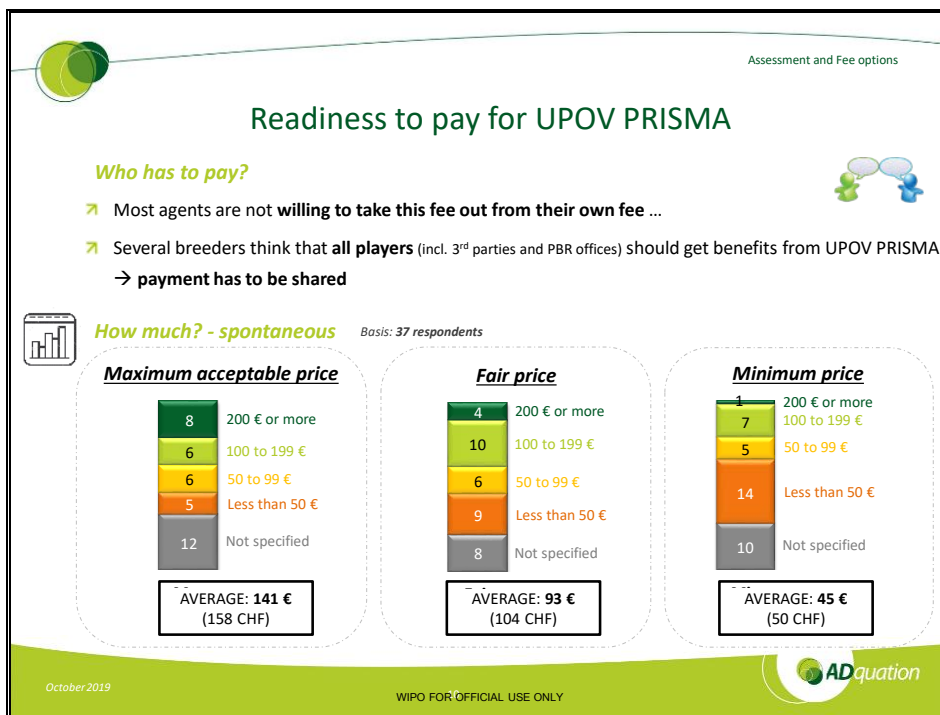
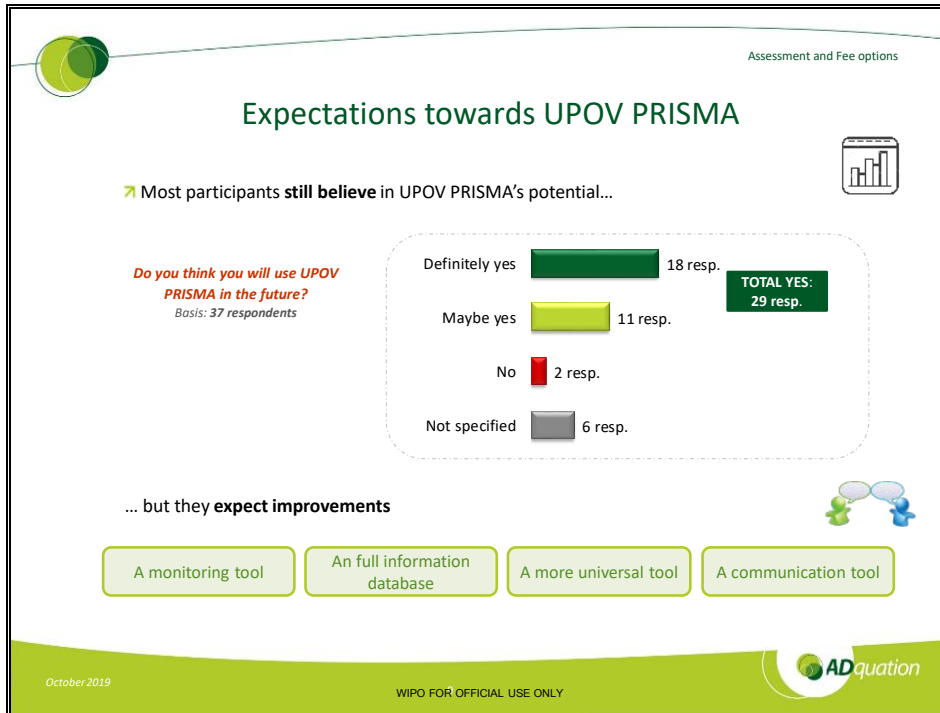
Very satisfied			
Rather satisfied		11 resp.	}
Rather unsatisfied		7 resp.	
Not satisfied at all		3 resp.	}
Not specified		5 resp.	

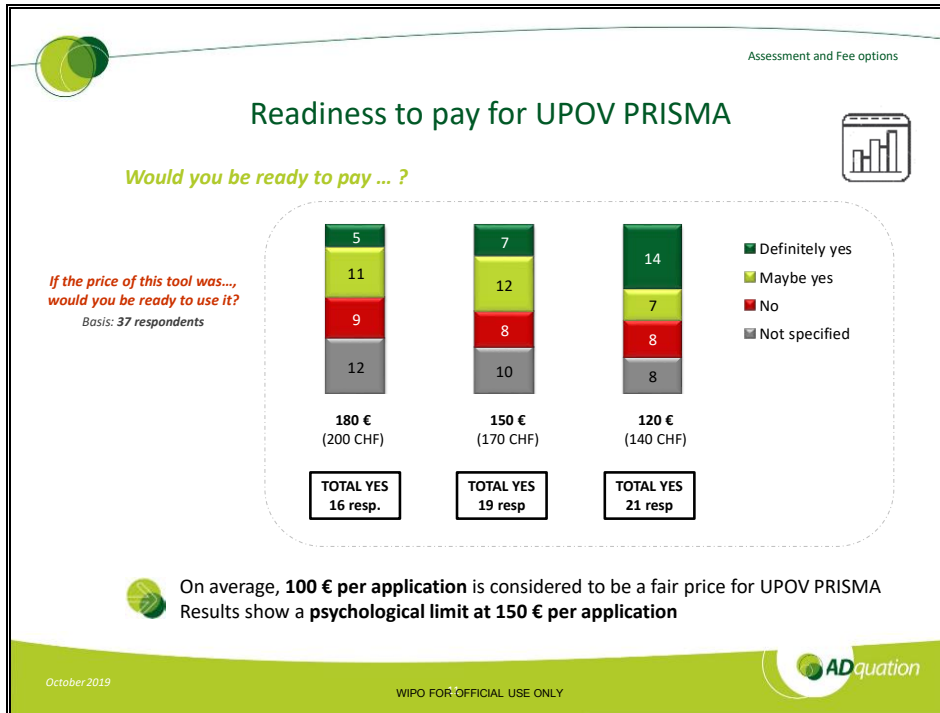
TOTAL SATISFIED : 11 resp.

TOTAL NOT SATISFIED : 10 resp.

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## Recommendations

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## Recommendations

1. As it stands, it seems **very risky to make users pay** for UPOV PRISMA ; the tool generated **too many disappointments**, and the **technical problems** were too numerous. The (strong) expectations have not been met
2. However thanks to their **trust in the concept**, in UPOV and in its **team**, all **remain confident** in the tool and **will be willing to pay** a fee when it will be fully operational
3. **Defects to solve and missing features** to develop (priority ranking) :
  1. Solve **IT bugs** / technical problems
  2. Make sure that all countries and crops is **regularly checked** (updated form, translations...)
  3. Ongoing inclusion of **new countries / new crops**

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## Recommendations

4. In parallel, we advise you to **work with UPOV members** with the following objectives :
  - Ongoing **harmonization** of application forms between countries
  - Improve the **communication between members and applicants** during the process (mainly acknowledgement of receipt)
5. While introducing UPOV PRISMA, **avoid too strong promises** ; **focus more on serenity** than on time saving
6. **Individual support** is crucial (video training reveals to be insufficient) to make sure users are able:
  - to fill a whole application, in all situations
  - to connect all third-parts in an appropriate way and with the appropriate rights
7. Once all the evolutions are set up, we advise a **price between 100 and 150 €**.

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[End of Annex III and of document]