



CAJ/70/7

ORIGINAL: English

DATE: August 6, 2014

**INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS**

Geneva

**ADMINISTRATIVE AND LEGAL COMMITTEE****Seventieth Session  
Geneva, October 13, 2014**

## ELECTRONIC APPLICATION SYSTEMS

*Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

1. The purpose of this document is to report on developments concerning the development of a prototype electronic form.

## BACKGROUND

2. The aim of the project is to develop a multilingual, electronic form containing questions relevant for plant breeders' rights (PBRs) applications. As a first step, a prototype electronic form will be developed, covering all relevant information required for a PBR application in the members of the Union concerned and with questions translated in the relevant languages for the members of the Union concerned (see document CAJ/66/5 "Electronic Application Systems", paragraph 2).

## DEVELOPMENTS

3. The Administrative and Legal Committee (CAJ) at its sixty-sixth session held in Geneva on October 29, 2012, endorsed the development of a prototype electronic form for interested members of the Union and agreed that the key aspects of the prototype from the perspective of members of the Union would be as follows (see document CAJ/66/8 "Report on the Conclusions", paragraphs 22 and 23):

**Form Content:** The UPOV electronic form would contain all items required by the participating members of the Union, i.e. it would contain all items in the UPOV Model Application Form and, in addition, items required for an application in the participating member of the Union concerned. Applicants would select the members of the Union in which they wish to make an application and all relevant items for the selected members of the Union would be presented for completion.

**Status:** Participating members of the Union would decide the status of any data provided via the UPOV electronic form for their own situation.

**Data format:** The UPOV electronic form would enable data to be transferred to participating members of the Union in Word, Excel, PDF or XML format. The participating members of the Union would decide in which format(s) to accept data. In the case of XML format, a standard format would be developed, based on WIPO standard ST.96.

Languages: The UPOV electronic form would present all items (questions) in English, French, German and Spanish. Translations for all items (questions) in other languages would be provided by the participating members of the Union, with a suitable disclaimer.

Crops/species: Crops/species for the prototype would be one or more of:

Wheat (*Triticum aestivum* L.); Maize (*Zea mays* L.);  
Potato (*Solanum tuberosum* L.); Lettuce (*Lactuca sativa* L.);  
Tomato (*Solanum lycopersicum* L.); Pea (*Pisum sativum* L.);  
and Ryegrass (*Lolium* L.);

and one or more of:

Rose (*Rosa* L.); Chrysanthemum (*Chrysanthemum* L.);  
Carnation (*Dianthus* L.); Pelargonium (*Pelargonium* L'Hér. ex Ait.);  
Petunia (*Petunia* Juss.); Peach (*Prunus persica* (L.) Batsch);  
and Apple (*Malus domestica* Borkh.).

Participating members of the Union would be able to select the crops/species in which to participate, i.e. the UPOV electronic form for each crop/species could have different participating members of the Union. The selection of the crops/species for the prototype would be made by the Office of the Union in consultation with the participating members of the Union, ISF and CIOPORA.

Partners: The partners in the development of the prototype would be the participating members of the Union (including the continued participation of the Community Plant Variety Office of the European Union (CPVO)), Office of the Union, WIPO Internet Services Section, WIPO Standards Section, WIPO Global Database Service, ISF and CIOPORA.

Meetings: Meetings for the development of the prototype would, in general, be held in Geneva with an option to participate by web conference.

4. The CAJ noted that, whilst the prototype would be based on selected crops / species the electronic application system project was intended to be relevant for all crops / species. The CAJ also noted that participation in the prototype did not require members of the Union to have electronic application systems in place (see document CAJ/66/8 "Report on the Conclusions", paragraph 24).

5. The following members of the Union, including the continued participation of the European Union, indicated their interest to be participating members of the Union in the prototype: Australia, Brazil, Canada, Colombia, Dominican Republic, Mexico, New Zealand, Paraguay, Republic of Korea, United States of America and Viet Nam (see document CAJ/66/8 "Report on the Conclusions", paragraph 25).

6. The CAJ at its sixty-seventh session held in Geneva on March 21, 2013, considered documents CAJ/67/8 "Electronic application systems" and CAJ/67/13 "Report on developments in the Technical Committee". The CAJ noted the oral report by the Office of the Union of the meeting on the development of a prototype electronic form, held in Geneva on the evening of March 20, 2013. In particular, it was informed that the prototype electronic form would be initially developed for lettuce, potato, rose and apple. It was also informed that it had been agreed, in the first instance, to prepare all questions in the form in English and in the languages of the members of the Union concerned for their own questions (see document CAJ/67/15 "Report", paragraph 66).

7. The CAJ at its sixty-eighth session, held in Geneva on October 21, 2013, considered document CAJ/68/8 "Electronic application systems". The CAJ noted the request of the Delegation of Switzerland to participate in the meetings on the development of a prototype electronic form. The CAJ noted that a report of the meeting on the development of a prototype electronic form which was planned to be held in Geneva on October 24, 2013, would be made to the CAJ at its sixty-ninth session, to be held in April 2014 (see document CAJ/68/10 "Report on the Conclusions", paragraphs 35 to 37).

8. At the meeting on the development of a prototype electronic form, held in Geneva on October 24, 2013, it was noted that Argentina, Japan and Switzerland had requested to participate in the development of the prototype. An illustrative "mock-up" of parts of the prototype electronic form was presented at the

meeting. It was agreed that a complete “mock-up” should be presented at the subsequent meeting on April 9, 2014, which would be the basis to develop a fully working prototype. It was further agreed that the prototype would be developed in English only and the Technical Questionnaire would be for Lettuce (*Lactuca sativa* L.).

9. The CAJ, at its sixty-ninth session held in Geneva on April 10, 2014, considered documents CAJ/69/8 “Electronic application systems” and CAJ/69/11 “Report on developments in the Technical Committee” and received a presentation on the meeting on the prototype electronic form, held in Geneva on April 9, 2014, as reproduced in the Annex to this document (in English only). The CAJ noted the developments concerning the development of a prototype electronic form. It noted that the following features had been agreed for inclusion in the version 1 of the prototype (see document CAJ/69/12 “Report on the Conclusions”, paragraph 49):

- All the features presented in the mock-up,
- An administration interface with a dashboard to edit, submit or delete informations,
- A possibility to import and export XML information.

10. The CAJ noted that the following aspects would not be included in the version 1 of the prototype but would be included in the final version (see document CAJ/69/12 “Report on the Conclusions”, paragraph 50):

- Payment authorization,
- Different languages,
- Possibility for participating UPOV members to introduce or modify their questions in the form,
- Technical aspects such as: business support for applicants; routine maintenance provisions; compliance with Web Content Accessibility Guidelines (WCAG); legal aspect and disclaimer.

11. The CAJ noted that the following timetable had been agreed on the development of the prototype (see document CAJ/69/12 “Report on the Conclusions”, paragraph 51):

Participating members to send their database structure, XML format or interface tables (requirement for participation in the project) Circular to be sent, requesting input from participants (PVP Offices + Breeders)	by June 15, 2014
Analysis of databases of participating members, design of the database structure and data interface tables	By September 2014
Consolidation of questions (bi/multilateral communication)	By September 2014
Finalization of project brief and request for cost estimate from approved supplier	June 2014
Agreement on the database structure/ import-export option/ interface tables format	October 2014
Start of the project	October 2014
Presentation of the prototype to the CAJ and Council	October 2015

12. The CAJ noted the request of the Delegation of Ecuador to participate in the meetings on the development of a prototype electronic form, and to provide information on its PVP platform project, which would be launched in July 2014 (see document CAJ/69/12 “Report on the Conclusions”, paragraph 52).

13. The next meeting on the prototype electronic form, will be held in Geneva on October 14, 2014. An oral report on that meeting will be provided to the CAJ at its seventy-first session in March 2015.

14. *The CAJ is invited to note:*

*(a) the developments concerning the development of a prototype electronic form as set out in this document; and*

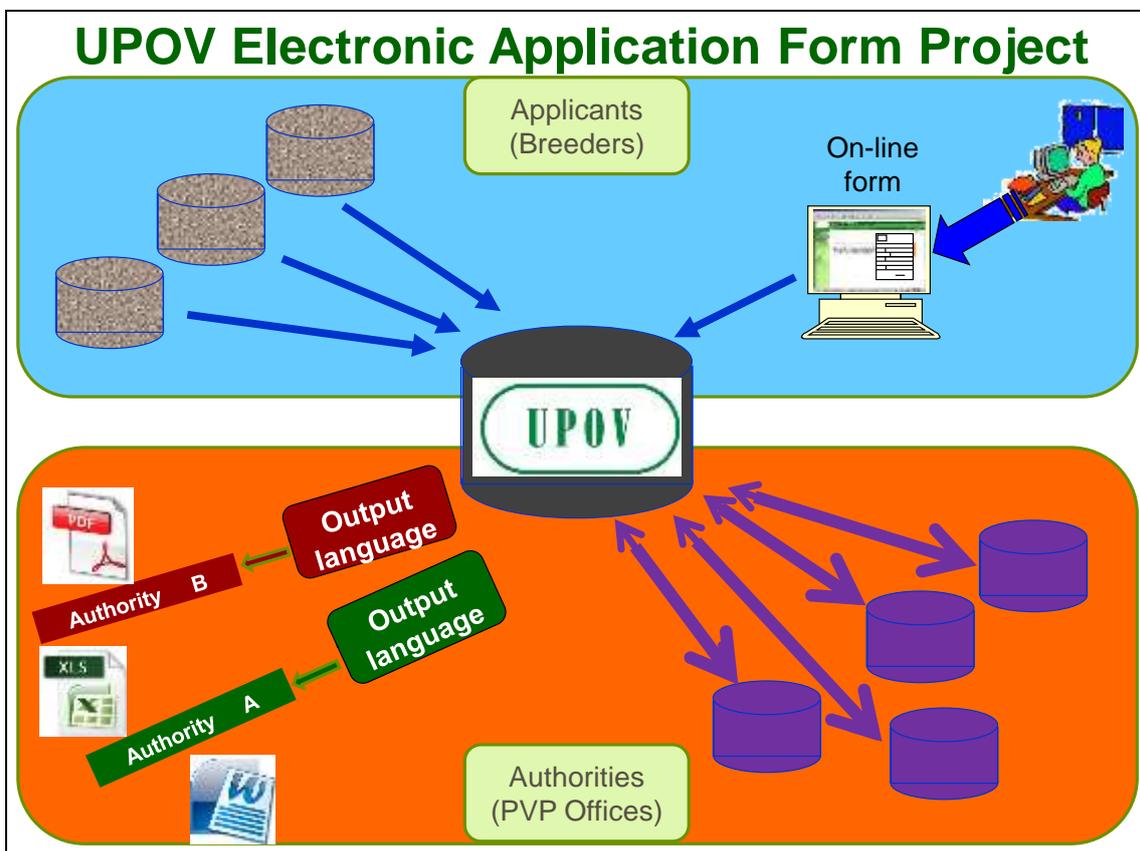
*(b) that a report of the meeting on the development of a prototype electronic form, to be held in Geneva on October 14, 2014, will be made to the CAJ at its seventy-first session in March 2015.*

[Annex follows]

# MEETING ON THE DEVELOPMENT OF A PROTOTYPE ELECTRONIC FORM

## Report

April 9, 2014



## Presentation of the mock-up on line form

<http://upov.appls.org/upov/login.html>

The screenshot shows the top section of the UPOV Electronic Application Form. It features a green header with the UPOV logo and the text "UPOV ELECTRONIC APPLICATION FORM". Below the header, there are two input fields: "Username" and "Password". To the right of these fields are two buttons: "Login" (with a checkmark icon) and "Reset" (with an 'X' icon). At the bottom right of the page, there are links for "Accessibility", "Terms of Use", and "Site Map".

The screenshot shows the selection page of the UPOV Electronic Application Form. It features a green header with the UPOV logo and the text "UPOV ELECTRONIC APPLICATION FORM". Below the header, there are three selection options: "Select language:" with a dropdown menu showing "English"; "Select Crop/Species:" with a dropdown menu showing "Lettuce"; and "Select Authority:" with a list of countries: Australia(AUS), Brazil(BR), Canada (CA), Community Plant Variety Office (CZ), Japan (JP), Mexico (MX), New Zealand (NZ), Republic of Korea (KR), Switzerland (CH), United States (US), and Viet Nam (VN). To the right of the list are four buttons: "Add All", "Add", "Remove", and "Remove All". Below these buttons are two empty rectangular boxes. At the bottom center, there are two buttons: "Continue" (with a checkmark icon) and "Reset" (with an 'X' icon). At the bottom right of the page, there are links for "Accessibility", "Terms of Use", and "Site Map".

UPOV UPOV ELECTRONIC APPLICATION FORM

My UPOV CAJ

User Profile

Application Form

Procedural Representation

Country/territory/legal representation

Names

Denomination

Breeder

Other Applications

Right of Priority

PBR/1991 ACT alternative text

Commercialisation of the variety

Technical Description

Statements

Signatures + Declarations

Technical Questionnaire

### Applicant

Name(s)

Address(es)

Telephone No.(s)

Fax No.(s)

E-mail address(es)

Nationality(ies)

Residence (State)

Registered offices for legal entities (State)

If there are more than one applicant, please tick square box and attach sheet stating the items above for all the other applicants:

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### Denomination

Proposed denomination (in block letters)

Breeder's reference

Synonym: a synonym is an alternative name for a variety. Please note that once accepted, the synonym along with the name is also protected. A synonym must also conform with section 27 of the PBR Act.

Commercial synonym / Trade name

Other names- please list any other names under which the variety has been known in Australia or

A denomination may be in the form of a "fancy name" or a "code".

Trademark waiver

Trademark

**CORE QUESTIONS**

**ADDITIONALS QUESTIONS**

**UPOV** UPOV ELECTRONIC APPLICATION FORM

My UPOV IAC

User Profile

Application Form

Technical Questionnaire

General

Subject

TO Applicant

Proposed denomination and breeder's reference

Information on the knowledge and acquisition of the variety

Characteristics of the variety

Stable variables and differences from other varieties

Additional information which may help in the identification of the variety

### Characteristics of the variety to be indicated

Growth Types:

(1)Seed Color:

(18)Leaf: hue of green color of outer leaves:

(20)Leaf: anthocyanin coloration:

(35) Time of beginning of bolting under long day conditions:

(39.7) Resistance to downy mildew *Bremia lactucae*/isolate B1:

Plant Type:

Seed Color:

Seed Light Dormancy:

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**UPOV** UPOV ELECTRONIC APPLICATION FORM

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Application Form

Technical Questionnaire

General

Subject

TO Applicant

Proposed denomination and breeder's reference

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Characteristics of the variety

Stable variables and differences from other varieties

Additional information which may help in the identification of the variety

provided in this form is

### UPOV Electronic Application Form

LETTUCE

#### General Information

1. Language: English

2. Crop / Species: Lettuce

3. Authority/ies: Canada (CA)  
Community Plant Variety Office (CPVO)  
New Zealand (NZ)

4. Applicant: Name(s):  
Address(es):  
Telephone No.(s):  
Fax No.(s):  
E-mail address(es):  
Nationality(ies):  
Residence:  
Registered office for legal entities:

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## Next steps

### Agreement on the prototype V.1

Included	NOT included in V.1
All features from the mock-up	
Dashboard: edit/ delete/submit options	Payment
Administration interface	Different languages
Import facility : Import of XML files with crop details (technical questionnaire)	Possibility to introduce or modify questions (update of the form)
Export of XML information (PDF, possible others) to selected authorities	Some technical and legal aspects

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## Timetable/ milestones

What/ Who	When
Participants to send their database structure, XML format or interface tables (requirement for participation in the project)	By June15, 2014
Analysis of databases of participating members, design of the database structure and data interface tables	By September 2014
Consolidation of questions (bi/multilateral communication)	By September 2014
Finalization of project brief and request for cost estimate from approved supplier	June 2014
Agreement on the database structure/ import-export option/ interface tables format	October 2014
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 End of Annex and of document /  
 Ende der Anlage und des Dokuments /  
 Fin del Anexo y del documento]