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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
Geneva

ADMINISTRATIVE AND LEGAL COMMITTEE

Sixty-Sixth Session
Geneva, October 29, 2012

UPOV INFORMATION DATABASES

Document prepared by the Office of the Union

1.   The purpose of this document is to provide an update on developments concerning the GENIE database, the UPOV Code System and the Plant Variety Database.

GENIE DATABASE

2.   It is recalled that the GENIE database (http://www.upov.int/genie/en/) has been developed to provide, for example, online information on the status of protection (see document C/46/6), cooperation in examination (see document C/46/5), experience in DUS testing (see document TC/48/4), and existence of UPOV Test Guidelines (see document TC/48/2) for different GENera and specIEs (hence GENIE), and is used to generate the relevant Council and Technical Committee (TC) documents concerning that information. In addition, the GENIE database is the repository of the UPOV codes and also provides information concerning alternative botanical and common names.

UPOV CODE SYSTEM

3.   The Administrative and Legal Committee (CAJ), at its sixty-fifth session, held in Geneva on March 29, 2012,   agreed   to   amend   the   Guide   to   the   UPOV   Code   System   (see http://www.upov.int/genie/en/upov_code.html) with regard to the following aspects (see document CAJ/65/12 "Report on the Conclusions", paragraphs 38 to 43):

    (a)   UPOV codes for hybrids: Section 2.2.6
    (b)   UPOV codes for hybrids: Section 2.2.7
    (c)   UPOV codes for hybrids: Binomial names
    (d)   Variety Types and
    (e)   Publication of UPOV Codes.

4.   The publication of the amended UPOV Code System will be arranged in conjunction with the consequential changes of a number of UPOV codes, which will need to be coordinated with the notification to all members of the Union and other contributors to the Plant Variety Database. A report on the planned timetable for those actions will be made to the CAJ at its sixty-sixth session.

> *5.   The CAJ is invited to note that the publication of the amended UPOV Code System will be arranged in conjunction with the consequential changes of a number of UPOV codes, which will be coordinated with the notification to all members of the Union and other contributors to the Plant Variety Database.*

PLANT VARIETY DATABASE

6.   The following paragraphs provide an update on developments concerning the program for improvements to the Plant Variety Database ("Program") since the sixty-fifth session of the CAJ (see document CAJ/65/12 "Report on the Conclusions", paragraphs 46 to 55).

Background

7.   Annex I to this document contains the Program as approved by the CAJ, at its fifty-ninth session, held in Geneva on April 2, 2009, and amended by the CAJ at its sixty-fifth session, held in Geneva on March 29, 2012.

8.   It is recalled that, at its seventy-sixth session, held in Geneva on October 29, 2008, the Consultative Committee, approved an arrangement between UPOV and the World Intellectual Property Organization (WIPO) (UPOV-WIPO arrangement), concerning the UPOV Plant Variety Database, as follows:

    "(a)   WIPO to undertake the collation of data for the UPOV-ROM and to provide the necessary assistance to deliver the program of improvements concerning, in particular, options for receiving data for the UPOV-ROM in various formats and assistance in allocating UPOV codes to all entries (see documents CAJ/57/6, paragraphs 3 and 8 and TC/44/6, paragraphs 12 and 17). In addition, WIPO to undertake the development of a web-based version of the UPOV Plant Variety Database, and the facility to create CD-ROM versions of that database, and to provide the necessary technical support concerning the development of a common search platform (see documents CAJ/57/6, paragraphs 18 to 21 and TC/44/6, paragraphs 27 to 30)).

"(b)   UPOV to agree that data in the UPOV-ROM Plant Variety Database may be included in the WIPO Patentscope® search service. In the case of data provided by parties other than members of the Union (e.g. the Organisation for Economic Co-operation and Development (OECD)), permission for the data to be used in the WIPO Patentscope® search service would be a matter for the parties concerned."

9.   In accordance with the UPOV-WIPO arrangement, Mr. José Appave, Senior Data Administration Clerk, Brand Database Unit, Global Databases Service, WIPO, has responsibility for collating all data for the UPOV-ROM Plant Variety Database (UPOV-ROM).   The arrangements for providing data for the UPOV-ROM according to the Memorandum of Understanding between UPOV and the Community Plant Variety Office of the European Union (CPVO) ("UPOV-CPVO Memorandum") (see document CAJ/57/6, paragraph 6), are not affected by that development.

10.   Also in accordance with the UPOV-WIPO arrangement, Mrs. Lili Chen, Software Developer, has been recruited to the Brand Database Unit, Global Databases Service, WIPO to work 100% of her time on the program for improvements to the Plant Variety Database, since May 1, 2010.

Web-based version of the Plant Variety Database (Program: Section 6)

11.   At its sixty-fifth session, the CAJ noted the developments concerning the program for improvements to the Plant Variety Database (Program) as reported in document CAJ/65/6 (see document CAJ/65/12 "Report on the Conclusions", paragraphs 44 to 55) . The situation with regard to the following features, which the CAJ noted would be introduced to PLUTO in 2012, is as follows:

Information on the latest date of submission by the contributors

12.   For the short-term, information on the latest date of submission by the contributors has been provided for the PLUTO database in the form of a pdf document. However, in the longer term, it is planned that the date of submission will be provided for individual data retrieved from the database.

Search rules

13.   An explanation of the search rules for the PLUTO database will be provided and will be demonstrated at the sixty-sixth session of the CAJ.

Facility to save search settings

14.   An explanation of the possibilities to save search settings for the PLUTO database will be provided and will be demonstrated at the sixty-sixth session of the CAJ.

User registration

15.   The Consultative Committee, at its eighty–second session, held in Geneva on October 19, 2011, agreed to require users of the Plant Variety Database to register in order that the use of the Plant Variety Database could be monitored, with a view to using that feedback for future improvements. It was emphasized that this would mean that the Plant Variety Database would still be freely accessible. The requirement for users to register will be implemented in October 2012.

Alphabets

16.   The CAJ, at its sixty-fifth session, agreed to amend the Program, as set out in Annex II to document CAJ/65/6, with regard to Section 3.2 "Data quality and completeness" and Section 3.3 "Mandatory items", in order to introduce the possibility for contributors to the Plant Variety Database to provide data in the original alphabet, in addition to the data being provided in Roman alphabet.

17.   The necessary arrangements for the inclusion of data in the original alphabet, in addition to the data being provided in Roman alphabet, have been made.

Provision of assistance to contributors (Program: Section 2)

18.   Annex II to this document provides a summary of the contributions to the Plant Variety Database in 2011 and the assistance that is being provided to members of the Union that are not currently providing data, with a view to the inclusion of their data in future.

19.   With regard to the assistance provided to contributors, it is recalled that all contributors to the Plant Variety Database are responsible for the correctness and completeness of the data they supply (see Program, Section 2.4). In cases where assistance is provided to contributors, the contributor will continue to be responsible for the correctness and completeness of the data. Thus, contributors will always be requested to approve any suggested modifications of data they supply, including the addition or amendment of UPOV codes, before the data is entered in the Plant Variety Database.

Data to be included in the Plant Variety Database (Program: Section 3)

20.   The Program in Annex I to this document reflects the modification of Section 3.2 "Data quality and completeness" (see new TAG <800>), in order to introduce the possibility for contributors to the Plant Variety Database to provide information on dates on which a variety was commercialized for the first time in the territory of application and other territories. Contributors can now provide information on dates on which a variety was commercialized for the first time in the territory of application and other territories.

CD-ROM version of the Plant Variety Database (Program: Section 6)

21.   Section 6 of the Program explains that the possibility to create CD ROM versions of the Plant Variety Database, without the need for the services of Jouve, will be developed in parallel to the web-based version of the database. The production of the UPOV-ROM by Jouve will terminate at the end of 2012, after which time the WIPO Brand Database Unit will produce a CD-ROM version of the PLUTO database (PLUTO CD-ROM).

22.   Members of the Union wishing to continue to receive a CD-ROM version of the Plant Variety Database from 2013 are invited to inform the Office of the Union in order to ensure that the PLUTO CD-ROM will be compatible with their IT systems.

23.   The CAJ is invited to:

(a)   note the developments concerning the program for improvements to the Plant Variety Database, as reported in this document;

(b)   note the new features of the PLUTO database, which will be presented to the CAJ at its sixty-sixth session;

(c)   note the information on the contribution of data and the provision of assistance to contributors; and

(d)   invite members of the Union wishing to receive the PLUTO CD-ROM version of the Plant Variety Database from 2013 to inform the Office of the Union in order to ensure that the PLUTO CD-ROM will be compatible with their IT systems.

[Annexes follow]

PROGRAM FOR IMPROVEMENTS TO THE PLANT VARIETY DATABASE

as approved by the Administrative and Legal Committee (CAJ),
at its fifty-ninth session, held in Geneva on April 2, 2009
and amended by the CAJ
at its sixty-fifth session, held in Geneva on March 29, 2012

1.   Title of the Plant Variety Database

The name of the Plant Variety Database will be the "PLUTO Plant Variety Database", abbreviated to PLUTO as appropriate (PLUTO = **PL**ant varieties in the **U**POV system: **T**he **O**mnibus).

2.   Provision of assistance to contributors

2.1   The Office will continue to contact all members of the Union and contributors to the Plant Variety Database that do not provide data for the Plant Variety Database, do not provide data on a regular basis, or do not provide data with UPOV codes. In each case, they will be invited to explain the type of assistance that would enable them to provide regular and complete data for the Plant Variety Database.

2.2   In response to the needs identified by members of the Union and contributors to the Plant Variety Database in 2.1, the designated World Intellectual Property Organization (WIPO) staff, in conjunction with the Office, will seek to develop solutions for each of the Plant Variety Database contributors.

2.3   An annual report on the situation will be made to the Administrative and Legal Committee (CAJ) and Technical Committee (TC).

2.4   With regard to the assistance to be provided to contributors, the UPOV-ROM "General Notice and Disclaimer" states that "[…] All contributors to the UPOV-ROM are responsible for the correctness and completeness of the data they supply. […]". Thus, in cases where assistance is provided to contributors, the contributor will continue to be responsible for the correctness and completeness of the data.

3.   Data to be included in the Plant Variety Database

   3.1   Data format

3.1.1 In particular, the following data format options to be developed for contributing data to the Plant Variety Database:

   (a)   data in XML format;
   (b)   data in Excel spreadsheets or Word tables;
   (c)   data contribution by on-line web form;
   (d)   an option for contributors to provide only new or amended data

3.1.2 To consider, as appropriate, restructuring TAG items; for example, where parts of the field are mandatory and other parts not.

3.1.3 Subject to Section 3.1.4, the character set for data shall be the ASCII [American Standard Code for Information Interchange] representation, as defined in ISO [International Standards Organization] Standard 646. Special characters, symbols or accents (˜, ˆ, ¨, °, etc.) are not accepted. Only characters of the English alphabet may be used.

3.1.4 In the case of data submitted for TAG <520>, <550>, <551>, <552>, <553>, <650> <651>, <652>, <750>, <751>, <752>, <753>, <760>, <950> and <960>, the data must be submitted in Unicode Transformation Format-8 (UTF-8).

3.2 Data quality and completeness

The following data requirements to be introduced in the Plant Variety Database

TAG	Description of Item	Current Status	Proposed status	Database developments required
<000>	**Start of record and record status**	mandatory	**start of record to be mandatory**	mandatory, subject to development of facility to calculate record status (by comparison with previous data submission), if required
<190>	**Country or organization providing information**	mandatory	**mandatory**	data quality check: to verify against list of codes
<010>	**Type of record and (variety) identifier**	mandatory	**both mandatory**	(i) meaning of "(variety) identifier" to be clarified in relation to item <210>; (ii) to review whether to continue type of record "BIL"; (iii) data quality check: to check against list of types of record
<500>	**Species--Latin name**	mandatory until UPOV code provided	**mandatory (even if UPOV code provided)**	
<509>	Species--common name in English	mandatory if no common name in national language (<510>) is given.	not mandatory	
<510>	Species--common name in national language other than English	mandatory if no English common name (<509>) is given	REQUIRED if <520> is provided	
<520>	Species--common name in national language other than English in non-Roman alphabet		not mandatory	
<511>	**Species--UPOV Taxon Code**	mandatory	**mandatory**	(i) if requested, the Office to provide assistance to the contributor for allocating UPOV codes; (ii) data quality check: to check UPOV codes against the list of UPOV codes; (iii) data quality check: to check for seemingly erroneous allocation of UPOV codes (e.g. wrong code for species)
DENOMINATIONS				
<540>	**Date + denomination, proposed, first appearance or first entry in data base**	mandatory if no breeder's reference (<600>) is given	**(i) mandatory to have <540>, <541>, <542>, or <543> if <600> is not provided** (ii) date not mandatory (iii) REQUIRED if <550>, <551>, <552> or <553> are provided	(i) to clarify meaning and rename; (ii) data quality check: mandatory condition in relation to other items
<550>	Date + denomination, proposed, first appearance or first entry in data base in non-Roman alphabet		not mandatory	
<541>	**Date + proposed denomination, published**		**see <540>**	(i) to clarify meaning and rename (ii) data quality check: mandatory condition in relation to other items
<551>	Date + proposed denomination, published in non-Roman alphabet		not mandatory	

TAG	Description of Item	Current Status	Proposed status	Database developments required
<542>	**Date + denomination, approved**	mandatory if protected or listed	**see <540>**	(i) to clarify meaning and rename; (ii) to allow for more than one approved denomination for a variety (i.e. where a denomination is approved but then replaced) (iii) data quality check: mandatory condition in relation to other items
<552>	Date + denomination, approved in non-Roman alphabet		not mandatory	
<543>	**Date + denomination, rejected or withdrawn**		**see <540>**	(i) to clarify meaning and rename (ii) data quality check: mandatory condition in relation to other items
<553>	Date + denomination, rejected or withdrawn in non-Roman alphabet		not mandatory	
<600>	Breeder's reference	mandatory if existing	REQUIRED if <650> is provided	
<650>	Breeder's reference in non-Roman alphabet		not mandatory	
<601>	Synonym of variety denomination		REQUIRED if <651> is provided	
<651>	Synonym of variety denomination in non-Roman alphabet		not mandatory	
<602>	Trade name		REQUIRED if <652> is provided	(i) to clarify meaning (ii) to allow multiple entries
<652>	Trade name in non-Roman alphabet		not mandatory	
<210>	**Application number**	mandatory if application exists	**mandatory if application exists**	to be considered in conjunction with <010>
<220>	Application/filing date	mandatory if application exists	**mandatory**	explanation to be provided if TAG<220> not completed
<400>	Publication date of data regarding the application (protection)/filing (listing)		not mandatory	
<111>	**Grant number (protection)/registration number (listing)**	mandatory if existing	**(i) mandatory to have <111> / <151> / <610> or <620> if granted or registered** (ii) date not mandatory	(i) data quality check: mandatory condition in relation to other items; (ii) to resolve any inconsistencies concerning the status of TAG<220>
<151>	**Publication date of data regarding the grant (protection) / registration (listing)**		**see <111>**	data quality check: mandatory condition in relation to other items
<610>	**Start date--grant (protection)/registration (listing)**	mandatory if existing	**see <111>**	(i) data quality check: mandatory condition in relation to other items; (ii) data quality check: date cannot be earlier than <220>
<620>	**Start date--renewal of registration (listing)**		**see <111>**	(i) data quality check: mandatory condition in relation to other items: (ii) data quality check: date cannot be earlier than <610> (iii) to clarify meaning
<665>	Calculated future expiration date	mandatory if grant/listing	not mandatory	
<666>	Type of date followed by "End date"	mandatory if existing	not mandatory	

TAG	Description of Item	Current Status	Proposed status	Database developments required
PARTIES CONCERNED				
<730>	**Applicant's name**	mandatory if application exists	**mandatory if application exists or** REQUIRED if <750> is provided	
<750>	Applicant's name in non-Roman alphabet		Not mandatory	
<731>	**Breeder's name**	mandatory	**mandatory**	to clarify meaning of "breeder" according to document TGP/5 (see <733>)
<751>	Breeder's name in non-Roman alphabet		Not mandatory	
<732>	Maintainer's name	mandatory if listed	REQUIRED if <752> is provided	to be accompanied by start and end date (maintainer can change)
<752>	Maintainer's name in non-Roman alphabet		Not mandatory	
<733>	**Title holder's name**	mandatory if protected	**mandatory if protected or** REQUIRED if <753> is provided	(i) to clarify meaning of "title holder" according to document TGP/5 (see <731>) (ii) to be accompanied by start and end date (title holder can change)
<753>	Title holder's name in non-Roman alphabet		Not mandatory	
<740>	Type of other party followed by party's name		REQUIRED if <760> is provided	
<760>	Type of other party followed by party's name in non-Roman alphabet		not mandatory	
INFORMATION REGARDING EQUIVALENT APPLICATIONS IN OTHER TERRITORIES				
<300>	Priority application: country, type of record, date of application, application number		not mandatory	
<310>	Other applications: country, type of record, date of application, application number		not mandatory	
<320>	Other countries: Country, denomination if different from denomination in application		not mandatory	
<330>	Other countries: Country, breeder's reference if different from breeder's reference in application		not mandatory	
<900>	Other relevant information (phrase indexed)		REQUIRED if <950> is provided	
<950>	Other relevant information (phrase indexed) in non-Roman alphabet		not mandatory	
<910>	Remarks (word indexed)		REQUIRED if <960> is provided	
<960>	Remarks (word indexed) in non-Roman alphabet		not mandatory	
<920>	Tags of items of information which have changed since last transmission (optional)		not mandatory	to develop option to generate automatically (see 2.1.1.(a))
<998>	FIG		not mandatory	
<999>	Image identifier (for future use)		not mandatory	to create possibility to provide hyperlink to image (e.g. an authority's webpage)

TAG	Description of Item	Current Status	Proposed status	Database developments required
DATES OF COMMERCIALIZATION				
<800>	Commercialization dates		not mandatory	

<800> example: "AB CD 20120119 source status"
          or   "AB CD 2012 source status"

3.3 Mandatory and required "items"

3.3.1 With respect to items that are indicated as "mandatory" in Section 3.2, data will not be excluded from the Plant Variety Database if that item is absent. However, a report of the non-compliances will be provided to the contributor.

3.3.2 A summary of non-compliances will be reported to the TC and CAJ on an annual basis.

3.3.3 With respect to items that are indicated as "REQUIRED" in Section 3.2, data will be excluded from the Plant Variety Database if the required item is absent in Roman alphabet.

3.4 Dates of commercialization

3.4.1 An item will be created in the Plant Variety Database to allow for information to be provided on dates on which a variety was commercialized for the first time in the territory of application and other territories, on the following basis:

Item <XXX>:   dates on which a variety was commercialized for the first time in the territory of application and other territories (not mandatory)

	Comment
(i) Authority providing the [following] information	ISO two letter code
(ii) Territory of commercialization	ISO two letter code
(iii) Date on which the variety was commercialized[*] for the first time in the territory ([*]The term "commercialization" is used to cover "sold or otherwise disposed of to others, by or with the consent of the breeder, for purposes of exploitation of the variety" (Article 6(1) of the 1991 Act of the UPOV Convention) or "offered for sale or marketed, with the agreement of the breeder" (Article 6(1)(b) of the 1978 Act of the UPOV Convention), as appropriate.	according to the format YYYY[MMDD] (Year[MonthDay]): month and day will not be mandatory if not available
(iv) Source of information	mandatory for each entry in item <XXX>
(v) Status of information	mandatory for each entry in item <XXX> (to provide an explanation or a reference to where an explanation is provided (e.g. the website of the authority providing the data for this item)
Note: for the same application, the authority in (i) could provide more than one entry for items (ii) to (v). In particular, it could provide information on commercialization in the "territory of application", but also "other territories"	

3.4.2 The following disclaimer will appear alongside the title of the item in the database:

"The absence of information in [item XXX] does not indicate that a variety has not been commercialized. With regard to any information provided, attention is drawn to the source and status of the information as set out in the fields 'Source of information' and 'Status of information'. However, it should also be noted that the information provided might not be complete and accurate."

4.   Frequency of data submission

The Plant Variety Database will be developed in such a way as to allow updating at any frequency determined by the members of the Union. Prior to completion and publication of the web-based version of the Plant Variety Database, no change is proposed to the frequency of updating, i.e. contributors will be requested to update their data on a bimonthly basis. Once that stage is complete, the TC and CAJ will be invited to consider whether to create possibilities for data to be updated on a more frequent basis.

5.   Discontinuation of inclusion of general information documents in UPOV-ROM

On the basis that such information is readily available on the UPOV website, the following general information documents will no longer be included in the UPOV-ROM:

> Addresses of Plant Variety Protection Offices
> List of members of the Union
> Cover with some useful information
> UPOV: What it is, what it does ("UPOV flyer")
> List of UPOV publications

6.   Web-based version of the Plant Variety Database

6.1   A web-based version of the Plant Variety Database will be developed. The possibility to create CD-ROM versions of the Plant Variety Database, without the need for the services of Jouve, will be developed in parallel to the web-based version of the database.

6.2   An update on the planned timetable for development of a web-based version of the Plant Variety Database will be provided to the TC and CAJ.

7.   Common search platform

A report on developments concerning the development of a common search platform will be made to the TC and CAJ. Any proposals concerning a common search platform will be put forward for consideration by the TC and CAJ.

[Annex II follows]

REPORT ON DATA CONTRIBUTED TO THE PLANT VARIETY DATABASE BY MEMBERS OF THE UNION AND OTHER CONTRIBUTORS AND ASSISTANCE FOR DATA CONTRIBUTION

	Contributor	Number of applications for Plant Breeders' Rights in 2010	Number of new data submissions to the Plant Variety Database in 2011[1]	Number of new data submissions to the Plant Variety Database in 2012[2]	WIPO Brand Database Unit assistance for future data contribution
1.	Albania	16 (2007)	0	0	
2.	Argentina	231	0	0	Converting old data to .txt
3.	Australia	325	6	3	
4.	*Austria	0	4	2	
5.	Azerbaijan	22	0	0	
6.	Belarus	20	0	1	
7.	*Belgium	4	3	2	
8.	Bolivia	7 (2009)	0	0	
9.	Brazil	239	2	1	
10.	*Bulgaria	83	5	3	
11.	Canada	361	5	3	
12.	Chile	120	3	1	
13.	China	1,206	0	0	(State Forestry Administration) Converted Excel file to .txt and suggesting UPOV codes
14.	Colombia	113	0	0	Converted old data to .txt
15.	Costa Rica	5	0	0	
16.	*Croatia	0	1	0	
17.	*Czech Republic	59	6	1	
18.	*Denmark	5	6	3	
19.	Dominican Republic	0	0	0	
20.	Ecuador	47	2	1	
21.	*Estonia	18	4	2	
22.	*European Union	2,886	6	3	
23.	*Finland	15	4	1	
24.	*France	122	6	3	
25.	Georgia	11	0	0	
26.	*Germany	86	6	3	
27.	*Hungary	14	5	3	
28.	*Iceland	0	1	0	

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[1]   6 indicates that new data was submitted for all six (6) new versions of the UPOV-ROM issued in 2011.

[2]   3 indicates that new data was submitted for all 3 new versions of the UPOV-ROM issued in 2012.

*   Data provided via the CPVO.

	Contributor	Number of applications for Plant Breeders' Rights in 2010	Number of new data submissions to the Plant Variety Database in 2011[1]	Number of new data submissions to the Plant Variety Database in 2012[2]	WIPO Brand Database Unit assistance for future data contribution
29.	*Ireland	2	4	1	
30.	Israel	89	1	0	
31.	*Italy	13	6	3	
32.	Japan	1,038	2	1	Converted lzh & Excel file to .txt and suggested UPOV codes
33.	Jordan	0	0	0	
34.	Kenya	58	0	0	Converted Excel file to .txt and suggesting UPOV codes
35.	Kyrgyzstan	6	0	0	Converted Excel file to .txt and suggesting UPOV codes
36.	*Latvia	7	3	1	
37.	*Lithuania	8	3	2	
38.	Mexico	100	0	0	Received xml. Converted to .txt and requested Type of record
39.	Morocco	52	0	0	Converted Word to .txt and suggesting UPOV codes
40.	*Netherlands	742	5	3	
41.	New Zealand	142	6	3	Converted Excel to .txt
42.	Nicaragua	0	0	0	Converted Word to .txt and suggesting UPOV codes
43.	*Norway	27	5	1	
44.	Oman	n/a	0	0	
45.	Panama	11	0	0	
46.	Paraguay	38	0	0	
47.	Peru	n/a	0	0	Converted Excel to .txt and suggesting UPOV codes
48.	*Poland	79	4	3	
49.	*Portugal	3	1	0	
50.	Republic of Korea	574	5	1	
51.	Republic of Moldova	18	1	0	Converted Word and Excel to .txt and suggested UPOV codes
52.	*Romania	54	6	3	
53.	Russian Federation	564	5	3	
54.	Singapore	0	0	0	Awaiting data
55.	*Slovakia	17	4	3	
56.	*Slovenia	0	5	3	
57.	South Africa	366	0	1	Converted Excel to .txt and suggesting UPOV codes

	Contributor	Number of applications for Plant Breeders' Rights in 2010	Number of new data submissions to the Plant Variety Database in 2011[1]	Number of new data submissions to the Plant Variety Database in 2012[2]	WIPO Brand Database Unit assistance for future data contribution
58.	*Spain	48	6	3	
59.	*Sweden	16	5	2	
60.	*Switzerland	70	4	3	
61.	The former Yugoslav Republic of Macedonia	n/a	0	0	
62.	Trinidad and Tobago	0 (2009)	0	0	
63.	Tunisia	35	0	0	
64.	*Turkey	71	3	1	
65.	Ukraine	944	0	0	Converted Excel to .txt and suggesting UPOV codes
66.	*United Kingdom	58	6	3	
67.	United States of America	1,646	4	3	
68.	Uruguay	46	0	0	Converted Excel to .txt
69.	Uzbekistan	11	0	0	Requested that Cyrillic data be converted to English
70.	Viet Nam	68	0	0	Converted Excel to .txt and suggesting UPOV codes
71.	OECD	n/a	2	0	

[End of Annex II and of document]