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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

TECHNICAL COMMITTEE

Fiftieth Session
Geneva, March 23 to 25, 2015

UPOV INFORMATION DATABASES

Document prepared by the Office of the Union

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1. The purpose of this document is to provide an update on developments concerning: the GENIE database; UPOV Codes; and the PLUTO database, and to present a proposal concerning the "Denomination Search" page of the PLUTO database .

2. The following abbreviations are used in this document:

CAJ:	Administrative and Legal Committee
TC:	Technical Committee
TWA:	Technical Working Party for Agricultural Crops
TWC:	Technical Working Party on Automation and Computer Programs
TWF:	Technical Working Party for Fruit Crops
TWO:	Technical Working Party for Ornamental Plants and Forest Trees
TWP(s):	Technical Working Party(ies)
TWV:	Technical Working Party for Vegetables

3. The structure of this document is as follows:

GENIE DATABASE

4. 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/[session]/6), cooperation in examination (see document C/[session]/5), experience in DUS testing (see document TC/[session]/4), and existence of UPOV Test Guidelines (see document TC/[session]/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.

Information on type of crop

5. The Office of the Union has received requests from experts from members of the Union for information on the type of crop corresponding to each UPOV code in the GENIE database.

6. At present, the administrative interface of the GENIE database allows each UPOV code to be allocated to a particular Technical Working Party or Technical Working Parties. The purpose of that feature is to allocate the checking of UPOV codes to the appropriate Technical Working Party(ies) (see paragraph 14). However, that information is not made available on the UPOV website version of the GENIE database. Furthermore, whilst all new UPOV codes are allocated to a Technical Working Party(ies), there are a large number of old UPOV codes that have not been allocated to a Technical Working Party(ies).

7. In addition to the above, the Council, at its forty-seventh ordinary session, held in Geneva on October 24, 2013, noted that the Office of the Union would explore the possibility of providing information on statistics by crop type (e.g. agriculture, fruit, ornamental, vegetable and forest trees) in future versions of document C/[session]/7 “Plant variety protection statistics”.

8. The TC, at its fiftieth session, held in Geneva, April 7 to 9, 2014, agreed to provide information on the type of crop for each UPOV code in the GENIE database as follows:

The Office of the Union:

(a) allocates TWP(s) to all UPOV codes, with a sub-division for the TWO into (i) ornamental plants and (ii) forest trees;

(b) requests the TWPs to check the TWP allocations by correspondence by the end of 2014;

(c) investigates the feasibility of modifying the GENIE database to allow information on the allocated crop type/Technical Working Party(ies) to be displayed for each UPOV code;

(d) creates, by the end of 2014, a standard report feature on the GENIE webpage (see http://www.upov.int/genie/en/reports/) with all TWP allocations.

9. It was clarified that more than one crop type could be allocated to a single UPOV Code (see document TC/50/6, paragraph 8 and TC/50/36 “Report on the Conclusions”, paragraph 95).

10. The TC noted that the proposed approach would enable the data in the PLUTO database to be analyzed with regard to applications filed, titles issued and titles having ceased to be in force by type of crop, whilst noting that the multiple crop types for some UPOV codes would result in some limitations in that regard (see document TC/50/36, paragraph 96).

11. The CAJ, at its seventieth session, held in Geneva, on October 14, 2014, noted the plan to provide information on type of crop for UPOV codes, as set out in paragraph 8 of this document (see document CAJ/70/10 “Report on the Conclusions”, paragraph 35).

12. On December 15, 2014, the TC and TWP members and observers were invited to comment, by January 30, 2015, on the crop type(s) allocated by the Office of the Union to the 3,412 UPOV codes used in the PLUTO database at that time (see Circular E-14/312). A copy of the UPOV codes and allocated crop type(s) is provided on the TC/51 website for information. The comments received are presented in Annex I to this document (in language received).

13. On the basis of the comments received, the information on crop type(s) will be introduced in the GENIE database and the GENIE database will be modified to show the crop type(s) for each UPOV Code by the end of March 2015. A standard report for TWP allocations for UPOV codes will also be introduced on the GENIE webpage by the end of March 2015.

14. As indicated above, crop type(s) have only been allocated to the 3,412 UPOV codes currently used in the PLUTO database. Allocation of crop type(s) for other UPOV codes will occur at the time that the UPOV codes are used in the PLUTO database for the first time. In a similar way to the checking of UPOV code additions and amendments, it is proposed that the Office of the Union prepare tables of allocation of crop type(s) for UPOV codes used in the PLUTO database for the first time, for checking by the relevant authorities, for each of the TWP sessions in 2015.

15. The TC is invited to:

(a) note the information on allocation of crop type(s) for UPOV codes currently used in the PLUTO database, as set out in paragraphs 12 and 13;

(b) note that information on crop type(s) will be introduced in the GENIE database and the GENIE database will be modified to show the crop type(s) for each UPOV Code by the end of March 2015;

(c) note that a standard report for TWP allocations for UPOV codes will be introduced on the GENIE webpage by the end of March 2015;

(d) note that allocation of crop type(s) for further UPOV codes will occur when UPOV codes are used in the PLUTO database for the first time; and

(e) agree that the Office of the Union prepare tables of allocation of crop type(s) for UPOV codes used in the PLUTO database for the first time for checking by the relevant authorities, for each of the TWP sessions in 2015.

UPOV CODE SYSTEM

Guide to the UPOV Code System

16. The "Guide to the UPOV Code System" is available on the UPOV website (see http://www.upov.int/genie/en/pdf/upov_code_system.pdf).

UPOV code developments

17. In 2014, 577 new UPOV codes were created and amendments were made to 37 existing UPOV codes. The total number of UPOV codes in the GENIE database at the end of 2014 was 7,808.

	Year								
	2006	2007	2008	2009	2010	2011	2012	2013	2014
New UPOV codes	n/a	n/a	300 (approx)	148	114	173	212	209	577
Amendments	n/a	n/a	30 (approx)	17	6	12	5	47*	37
Total UPOV Codes (at end of year)	5,977	6,169	6,346	6,582	6,683	6,851	7,061	7,251	7,808

* including changes to UPOV codes resulting from the amendment of the "Guide to the UPOV Code System" concerning hybrids (see document TC/49/6).

18. In accordance with the procedure set out in Section 3.3 of the Guide to the UPOV Code System, the Office of the Union will prepare tables of UPOV code additions and amendments, for checking by the relevant authorities, for each of the TWP sessions in 2015.

19. The TC is invited to note:

(a) the developments concerning UPOV codes, as set out in paragraph 17; and

(b) that the Office of the Union will prepare tables of UPOV codes additions and amendments, for checking by the relevant authorities, for each of the TWP sessions in 2015, as set out in paragraph 18.

PLUTO DATABASE

Program for improvements to the PLUTO database ("Program")

20. The CAJ, at its sixty-eighth session, held on October 21, 2013, considered document CAJ/68/6 "UPOV information databases" and approved the amendments to the program for improvements to the PLUTO database ("Program") as set out in document CAJ/68/6, Annex II, subject to certain further amendments agreed at that session (see document CAJ/68/10 "Report on the Conclusions", paragraphs 23 to 26)

21. The program reflecting amendments approved at previous sessions is available in document TC/50/6 "UPOV Information Databases", Annex I.

22. The following paragraphs provide a summary of developments concerning the Program since the fiftieth session of the TC, held in Geneva, from April 5 to 7, 2014.

Provision of assistance to contributors (Program: section 2)

23. Annex II to this document provides a summary of the contributions to the PLUTO database from 2012 to 2014 and the current situation of members of the Union on data contribution.

Information on the latest date of submission by the contributors (Program: section 2)

24. The TC, at its forty-ninth session, noted that, for the short-term, information on the latest date of submission by the contributors was provided by the PLUTO database in the form of a pdf document. However, in the longer term, it was planned that the date of submission would be provided for individual data retrieved from the database (see document TC/49/41 "Report on the Conclusions", paragraph 93).

25. In that regard, it was planned to create an additional column in the PLUTO search screen showing the date on which the information was provided.

26. The additional column showing the date on which the information will be introduced in the PLUTO database by the end of March 2015.

Search tools

27. Matters concerning the possible development of a similarity search tool for variety denomination purposes are reported under agenda item 9 "Variety Denominations" (see document TC/51/12 "Variety Denominations", paragraphs 4 to 14).

Searching for denominations in the item "Breeder's Ref" on "Denomination Search" page

28. The PLUTO database provides two search pages; "Term Search" and "Denomination Search". The Term Search page enables searches on any of the data fields in the PLUTO database and any combination of data fields. The Denomination Search page enables searches only in the variety denomination data field and some search tools (e.g. similarity factor) are different from Term Search page. The field "Breeder's Ref" cannot be searched in the Denomination Search page, although the field might contain information relevant for variety denominations.

29. It is proposed to provide the possibility to search both the data field “Denomination” and “Breeder’s Ref” using the denomination search tools on the Denomination Search page, either individually or in combination.

30. The conclusions of the TC at its fifty-first session, to be held in Geneva from March 23 to 25, 2015, on this matter, will be reported to the CAJ at its seventy-first session, to be held in Geneva, on March 26, 2015.

PLUTO Database Training Course

31. On December 9 to 11, 2014, a training course “Contributing data to the PLUTO database”, was held in Geneva. The aim of the course was to provide assistance to members of the Union that did not provide data for the PLUTO database, or did not provide data on a regular basis, in order to enable them to provide data for the PLUTO database on a regular basis. The course was in the form of practical, hands-on training, provided by the PLUTO administrators. At the end of the course, participants were required to present:

(i) action required by participants to be able to provide data for the PLUTO database;
(ii) action required by PLUTO database administrator;
(iii) date by which participants intend to start to provide data to PLUTO on a regular basis (i.e. shortly after it is published by the authority(ies) concerned)

32. The training course was attended by 11 participants from nine members of the Union: Albania; Belarus; China; Georgia; Jordan; Republic of Moldova; Trinidad and Tobago; Uzbekistan; and Viet Nam.

33. The dates by which participants intend to start provide data to PLUTO on a regular basis are provided in Annex II to this document.

34. Three further courses, in English, French and Spanish, are planned to be held in 2015.

35. The TC is invited to:

(a) note the summary of contributions to the PLUTO database from 2012 to 2014 and the current situation of members of the Union on data contribution, as presented in Annex II to this document;

(b) note that an additional column in the PLUTO search screen, showing the date on which the information was provided, will be introduced by the end of March 2015;

(c) agree that both the fields “Denomination” and “Breeder’s Ref” be searchable, independently or in combination, by denomination search tools on the “Denomination Search” page of the PLUTO database, as set out in paragraphs 28 and 29 and note that the conclusions of the TC on that matter will be reported to the CAJ at its seventy-first session, to be held in Geneva, on March 26, 2015; and

(d) note the information concerning the training course “Contributing data to the PLUTO database”, held in Geneva in December 2014, as set out in paragraphs 31 to 34 and the plans to organize three further courses, in English, French and Spanish, in 2015.

[Annexes follow]

ANNEX I

NOT FOR TRANSLATION

COMMENTS RECEIVED ON THE CROP TYPE(S) ALLOCATED BY THE OFFICE OF THE UNION TO THE UPOV CODES CURRENTLY USED IN THE PLUTO DATABASE

UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
ABIES	Abies Mill.	TWO		T	TWO		T	Add O	There are also ornamental varieties
ABIES	Abies Mill.				TWO	O			
ABIES_BAL	Abies balsamea (L.) Mill.	TWO		T	TWO		T	Add O	There are also ornamental varieties
ABIES_BAL	Abies balsamea (L.) Mill.				TWO	O			
ABIES_KOR	Abies koreana E. H. Wilson	TWO		T	TWO		T	Add O	There are also ornamental varieties
ABIES_KOR	Abies koreana E. H. Wilson				TWO	O			
ALLIU_PRO	Allium fistulosum × Allium cepa	TWO	O		TWO	O		add TWV	Se sugiere que Allium fistulosum x Allium cepa, además de ser considerado en TWO, también sea considerado en el TWV, debido a que su mayor explotación en México es como un vegetal.
ALLIU_PRO	Allium fistulosum × Allium cepa	TWV			TWV				
BETUL_PEN	Betula pendula Roth	TWO	O		TWO	O		Add T	common forest tree in Poland
BETUL_PEN	Betula pendula Roth				TWO		T		
BRASS_NAP	Brassica napus L.	TWV			TWA			Delete TWV and add TWA	Brasica Napus L. es un cultivo anual, cuya semilla es usada principalmente como semilla oleginosa y para forraje por tal motivo, se recomienda que sea analizada en el TWA.
BRASS_NIG	Sinapis nigra L.	TWV			TWV			Add TWA	to be also considered as agricultural plant
BRASS_NIG	Sinapis nigra L.				TWA				
CARPI_BET	Carpinus betulus L.	TWO	O		TWO	O		Add T	common forest tree in Poland
CARPI_BET	Carpinus betulus L.				TWO		T		

UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
CICER_ARI	Cicer arietinum L.	TWV			TWV			add TWA	Debido a que Cicer arietinum L. es un cultivo anual que pertenece a la familia de las leguminosas, cuyo fruto constituye un recurso alimenticio, el cual no solo se consume como legumbre (semilla inmadura) sino tambien como semilla madura. Se recomienda que Cicer arietinum sea considerado en el TWV y TWA.
CICER_ARI	Cicer arietinum L.				TWA				
CUCUM_MEL	Cucumis melo L.	TWF			TWV			Remove TWF and add TWV	Se sugiere el cambio de Cucumis melo L. por pertenecer a la familia cucurbitaceae.
CUCUM_MEL	Cucumis melo L.	TWF			TWV			Delete TWF and add TWV	In Poland it belongs to vegetables, is also discussed on UPOV TWV and CPVO VEM
CUCUM_MEL	Melo sativus Sarg.	TWF			TWV				
CUCUM_MEL_MEL	Cucumis melo L. subsp. melo	TWF			TWV			Delete TWF and add TWV	In Poland it belongs to vegetables, is also discussed on UPOV TWV and CPVO VEM
ECNCE_PUR	Echinacea purpurea (L.) Moench	TWO	O		TWO	O		add TWA	it is also medicinal plant
ECNCE_PUR	Echinacea purpurea (L.) Moench				TWA				
FAGUS_SYL	Fagus sylvatica L.	TWO	O		TWO	O		add T	common forest tree in Poland
FAGUS_SYL	Fagus sylvatica L.				TWO		T		
FRAXI_EXC	Fraxinus excelsior L.	TWO	O		TWO	O		add T	common forest tree in Poland
FRAXI_EXC	Fraxinus excelsior L.				TWO		T		
IPOMO_BAT	Ipomoea batatas (L.) Lam.	TWA			TWV			TWV	considered a vegetable
IPOMO_BAT	Ipomoea batatas (L.) Poir.	TWA			TWV				

UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
JATRO_CUR	Jatropha curcas L.	TWO	O		TWF			Delete TWO and add TWF	Se sugiere que Jatropha Curcas. sea revisado en el TWF, debido a que su producción es principalmente para la obtención de su fruto, el cual tiene un alto potencial para la producción de biodisel.
NEOTY	Neotyphodium	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_ACR	Neotyphodium acremonium	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_ACR	Acremonium	TWV			TWA				
NEOTY_COE	Neotyphodium coenophialum	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_LOL	Neotyphodium lolii	TWV			TWA			TWA	Endophytes for pasture plants
NEOTY_UNC	Neotyphodium uncinatum (W. Gams, Petrini & D. Schmidt) Glenn, C.W. Bacon & Hanlin	TWV			TWA			TWA	Endophytes for pasture plants
PHASE_VUL	Phaseolus vulgaris L.	TWV			TWV			add TWA	Debido a que el frijol es un cultivo anual que pertenece a la familia de las leguminosas y a que produce una vaina comestible que puede ser consumida como legumbre (ejote) y a que tambien sus semillas secas son consumidas, se recomienda que a Phaseolus vulgaris se le asigne al TWV y TWA.
PHASE_VUL	Phaseolus vulgaris L.				TWA				
PICEA_ABI	Picea abies (L.) H. Karst.	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_ABI	Picea abies (L.) H. Karst.				TWO	O			
PICEA_GLA	Picea glauca (Moench) Voss	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_GLA	Picea glauca (Moench) Voss				TWO	O			

UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
PICEA_OMO	Picea omorika (Pancic) Purk.	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_OMO	Picea omorika (Pancic) Purk.				TWO	O			
PICEA_PUN	Picea pungens Engelm.	TWO		T	TWO		T	add O	There are also ornamental varieties
PICEA_PUN	Picea pungens Engelm.				TWO	O			
PSIDI_GUA	Psidium guajava L.	TWO		T	TWF			Delete TWO and add TWF	Las plantaciones de Psidium guajava L. son destinadas principalmente para la producción de su fruto, el cual es cosumido como fruta fresca y ampliamente destinado a la industria alimentaria. Por tal motivo sugerimos que esta especie sea analizada en el TWF.
PSIDI_GUA	Psidium guajava L.	TWO	O						
PYRUS_LEC	Pyrus ×lecontei Rehder	TWO		T	TWF			TWF	There are fruit varieties
PYRUS_LEC	Pyrus communis x P. pyrifolia	TWO		T	TWF				
PYRUS_USS	Pyrus ussuriensis Maxim.	TWO		T	TWF			TWF	There are fruit varieties. Chinese pears
RAPBR	Raphanus x Brassica	TWV			TWV			also TWA	also TWA. Forage varieties
RAPBR	Raphanus x Brassica				TWA				
RAPBR_SRA	Raphanus sativus x Brassica rapa	TWV			TWV			also TWA	also TWA. Forage varieties
RAPBR_SRA	Raphanus sativus x Brassica rapa				TWA				
RICIN_COM	Ricinus communis L.	TWO			TWA			Delete TWO and add TWA	Se sugiere que Ricinus communis L. sea revisado en el TWA, debido a que es una oleginosa cuyo uso potencial es la producción de biodisel y no como planta ornamental.
ROSMA	Rosmarinus L.	TWV			TWV			also TWO	Variegated varieties as Ornamentals
ROSMA	Rosmarinus L.				TWO	O			
SALVI_OFF	Salvia officinalis L.	TWO	O		TWO	O		add TWA	it is also common medicinal plant
SALVI_OFF	Salvia officinalis L.				TWA				

UPOV codes	Botanical name	Allocation (original)			Proposed allocation			Proposed allocation (if different)	Explanation on original text
		TWP alloc.	Ornamental plants (O)	Forest trees (T)	TWP alloc.	Ornamental plants (O)	Forest trees (T)		
SECHI_EDU	Sechium edule (Jacq.) Sw.	TWA			TWV			Delete TWA and TWF, and add TWV	El cambio se sugiere por que Sechium edule (Jacq) Sw pertenece a la familia cucurbitaceae., y su uso es generalmente como hortaliza.
SECHI_EDU	Sechium edule (Jacq.) Sw.	TWF							
TRFOL	Trifolium L.	TWV			TWV			also TWO	Ornamental clover varieties exist
TRFOL	Trifolium L.				TWO	O			
VICIA_FAB	Vicia faba L.	TWV			TWV			add TWA	Al igual que el Phaseolus Vulgaris L., Vicia faba L., es un cultivo anual que pertenece a la familia de las leguminosas y sus semillas inmaduras se consumen como legumbre y las maduras como grano, por tal motivo se recomienda que se le asigne a TWV y TWA.
VICIA_FAB	Vicia faba L.				TWA				
VICIA_FAB_MAJ	Vicia faba L. var. major Harz	TWA			TWA			add TWV	belongs to vegetables, for var. major and var.minor the same guidelines are used
VICIA_FAB_MAJ	Vicia faba L. var. major Harz				TWV				
VICIA_FAB_MIN	Vicia faba L. var. minor Harz	TWA			TWA			add TWV	belongs to vegetables, for var. major and var.minor the same guidelines are used
VICIA_FAB_MIN	Vicia faba L. var. minor Harz				TWV				

ANNEX II

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 2013	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]	Number of new data submissions to the Plant Variety Database in 2013	Number of new data submissions to the Plant Variety Database in 2014	Current situation
1.	Albania	44 (2012)	0	0	0	0	Participated in the PLUTO Database Training Course and plan to submit data at the end of each year or on the first month of the next year.
2.	Argentina	267 (2011)	0	0	1	0	Staff who provided data left; waiting for new staff to be trained
3.	Australia	330	6	5	6	3	[Contributing data]
4.	*Austria	2 (2011)	4	4	4	2	
5.	Azerbaijan	30	0	0	0	0	Awaiting reply to e-mail of 14/05/2014 requesting data
6.	Belarus	57	0	1	0	0	Participated in the training course and plan to submit data every March.
7.	*Belgium	0	3	4	4	3	
8.	Bolivia	11	0	0	0	0	Awaiting response to the request for data during the meeting on 21/10/2014
9.	Brazil	326	2	5	5	4	[Contributing data]
10.	*Bulgaria	34	5	6	6	4	
11.	Canada	322	5	6	5	5	[Contributing data]
12.	Chile	69	3	3	3	1	[Contributing data]
13.	China	1,510	0	1	0	1	[Contributing data] A participant from the Ministry of Agriculture (MOA) attended the training course. The MOA plans to submit a major part of existing data by March 2015 and complete data by the end of 2015. After that, it is planned to submit data 2 months after Gazette publication.
14.	Colombia	93	0	0	0	0	Awaiting response to the request for data during the meeting on 21/02/2014. Contacted during meetings with example of data.
15.	Costa Rica	8	0	(1)	0	2	[Contributing data]
16.	*Croatia	2	1	1	0	0	
17.	*Czech Republic	96	6	4	6	2	
18.	*Denmark	3	6	6	6	6	
19.	Dominican Republic	0 (2011)	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
20.	Ecuador	21	2	3	2	1	[Contributing data]
21.	*Estonia	15	4	5	4	2	

[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 three (3) new versions of the UPOV-ROM issued in 2012.

( ) Parenthesis indicates that data are currently being processed.

* Data provided via the CPVO.

	Contributor	Number of applications for Plant Breeders' Rights in 2013	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]	Number of new data submissions to the Plant Variety Database in 2013	Number of new data submissions to the Plant Variety Database in 2014	Current situation
22.	*European Union	3,296	6	6	6	5	
23.	*Finland	11	4	3	3	2	
24.	*France	107	6	6	5	*5*	
25.	Georgia	36	0	0	2	1	[Contributing data]
26.	*Germany	104	6	6	6	7	
27.	*Hungary	27	5	6	6	5	
28.	*Iceland	0(2012)	1	0	0	0	
29.	*Ireland	2	4	2	2	2	
30.	Israel	46	1	0	0	2	[Contributing data]
31.	*Italy	2	6	6	6	3	
32.	Japan	1,054	2	1	2	5	[Contributing data]
33.	Jordan	4	0	(1)	0	0	Participated in the training course and plan to submit data in March 2015.
34.	Kenya	95	0	0	1	2	[Contributing data]
35.	Kyrgyzstan	2	0	1	0	1	[Contributing data]
36.	*Latvia	5	3	2	1	2	
37.	*Lithuania	12	3	2	3	2	
38.	Mexico	173	0	1	1	1	[Contributing data]
39.	Morocco	56	0	1	1	0	[Contributing data] Awaiting reply to email of 08/08/2014 requesting new data
40.	*Netherlands	747	5	6	6	2	
41.	New Zealand	154	6	5	3	5	[Contributing data]
42.	Nicaragua	15	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
43.	*Norway	30	5	3	3	1	
44.	Oman	0 (2009)	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
45.	Panama	2	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
46.	Paraguay	34	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
47.	Peru	137	0	1	0	2	[Contributing data]
48.	*Poland	88	4	6	5	3	
49.	*Portugal	1	1	1	1	2	
50.	Republic of Korea	599	5	1	2	1	[Contributing data]
51.	Republic of Moldova	43	1	1	0	2	[Contributing data] Participated in the training course and plan to submit data on March 1, 2015.
52.	*Romania	40	6	4	3	3	
53.	Russian Federation	555	5	5	4	2	[Contributing data]

	Contributor	Number of applications for Plant Breeders' Rights in 2013	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]	Number of new data submissions to the Plant Variety Database in 2013	Number of new data submissions to the Plant Variety Database in 2014	Current situation
54.	Serbia	45	-	-	3	2	[Contributing data]
55.	Singapore	0(2012)	0	0	0	0	[No applications] Email received 17/10/2013 stating no applications.
56.	*Slovakia	18	4	5	6	3	
57.	*Slovenia	3	5	4	3	4	
58.	South Africa	309	0	2	2	0	[Contributing data]
59.	*Spain	74	6	6	4	4	
60.	*Sweden	4	5	4	5	5	
61.	*Switzerland	77	4	5	6	5	
62.	The former Yugoslav Republic of Macedonia	-	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
63.	Trinidad and Tobago	0	0	0	0	0	Participated in the training course and plan to submit some data by the third week of January 2015, as a beginning.
64.	Tunisia	32(2012)	0	0	0	0	Awaiting reply to e-mail of 23/07/2014 requesting data
65.	*Turkey	215	3	2	1	1	
66.	Ukraine	1,544	0	0	0	0	Awaiting reply to e-mail of 21/10/2014 requesting data
67.	*United Kingdom	37	6	6	6	8	
68.	United States of America	1,889	4	5	6	10	[Contributing data]
69.	Uruguay	54	0	1	0	1	[Contributing data]
70.	Uzbekistan	21	(1)	0	0	0	Participated in the training course and plan to submit data in 2015
71.	Viet Nam	92	(1)	0	0	0	Participated in the training course and plan to submit data in 2015
72.	OECD	-	2	1	1	1	[Contributing data]

[End of Annex and of document]