UPOV

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
Geneva

DRAFT

(REVISION)

SOFTWARE AND EQUIPMENT USED BY MEMBERS OF THE UNION

Document prepared by the Office of the Union

*to be considered by the Council at its forty-ninth ordinary session
to be held in Geneva on October 29, 2015*

Disclaimer: this document does not represent UPOV policies or guidance

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Note for Draft version

Highlighted indicates insertion to the previous version (document UPOV/INF/22/1)

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1.   Requirements

1.1   Members of the Union are invited to provide information on software/equipment for inclusion on the basis that it has been used for the purposes of plant variety protection.

1.2   Information on the following should be provided by any member of the Union proposing software/equipment for inclusion in this document:

> Title of software/equipment
> Function (brief summary)
> Source and contact details
> Category(ies) of use (see section 3, below)

2.   Procedure for inclusion of software/equipment

2.1   Software/equipment proposed for inclusion in this document by members of the Union is, in the first instance, presented to the Technical Committee (TC).

2.2   The TC will decide whether to:

    (a)   propose to include the information in the document;
    (b)   request further guidance from other relevant bodies (e.g. the Administrative and Legal Committee (CAJ) and the Technical Working Parties (TWPs)); or
    (c)   propose not to include the information in the document.

2.3   In the case of a positive recommendation by the TC and, subsequently by the CAJ, the software/equipment will be listed in a draft of the document, to be considered for adoption by the Council.

3.   Categories of software/equipment

To assist users, information on software/equipment is provided in the following categories:

> Administration of applications
> On-line application systems
> Variety denomination checking
> DUS trial design and data analysis
> Data recording and transfer
> Image analysis
> Biochemical and molecular data

4.   Information on use by members of the Union

4.1   A circular is issued to members of the Union on an annual basis, inviting them to provide information on their use of the software/equipment included in this document.

4.2   The information on software/equipment use by members of the Union is indicated in the columns "Member(s) of the Union using the software/equipment" and "Application by user(s)". With regard to the indication of "Application by user(s)", members of the Union can indicate, for example, crops or types of crop for which the software/equipment is used.

SOFTWARE AND EQUIPMENT USED BY MEMBERS OF THE UNION

(a)   Administration of applications

Date added	Title of software/equipment	Function (brief summary)	Source & contact details	Member(s) of the Union using the software/equipment	Application by user(s)
	Administrative data	Database for administrative data on plant varieties	Federal Plant Variety Office E-mail: uwe.meyer@bundessortenamt.de	DE	All species
	MS Office Professional Plus 2010	Applications management and database		IL	
	Access			UY	

(b)   On-line application systems

Date added	Title of software/equipment	Function (brief summary)	Source & contact details	Member(s) of the Union using the software/equipment	Application by user(s)
	E- Application	Electronic application for the protection of plant varieties and approval including qualified electronic signature	Federal Plant Variety Office E-mail: uwe.meyer@bundessortenamt.de	DE	All species
	PDF			UY	

(c)   Variety denomination checking

Date added	Title of software/equipment	Function (brief summary)	Source & contact details	Member(s) of the Union using the software/equipment	Application by user(s)
	Variety denomination similarity	Checking of variety denominations in national procedures according to phonetic rules as a supplement to testing	Federal Plant Variety Office E-mail: uwe.meyer@bundessortenamt.de	DE	All species

(d)   <u>DUS trial design and data analysis</u>

Date added	Title of software/equipment	Function (brief summary)	Source & contact details	Member(s) of the Union using the software/equipment	Application by user(s)
	Register (DUS)	Cultivation design, data capture, compilation of lists, distinctness program, COYD and COYU, description of variety	Federal Plant Variety Office E-mail: uwe.meyer@bundessortenamt.de	DE	All species
	GAIA	Study and analysis of results		UY	
	INFOSTAT	Study and analysis of results		UY	

(e)   <u>Data recording and transfer</u>

Date added	Title of software/equipment	Function (brief summary)	Source & contact details	Member(s) of the Union using the software/equipment	Application by user(s)
	Mobida	Mobile data capture with transmission of layout plan and data transfer to PC	Federal Plant Variety Office E-mail: uwe.meyer@bundessortenamt.de	DE	All species
	PANASONIC CF-U1 TOUGHBOOK	Data recording	Croatia E-mail: bojan.markovic@hcphs.hr	HR	Maize
	Motorola MC55A0 PDA	Field DUS tests data acquisition		IL	

(f)   <u>Image analysis</u>

Date added	Title of software/equipment	Function (brief summary)	Source & contact details	Member(s) of the Union using the software/equipment	Application by user(s)
	Image analysis	Automatic measurement of leaf characteristics in various plant species	Federal Plant Variety Office E-mail: uwe.meyer@bundessortenamt.de	DE	Pea, oilseed rape, pelargonium and others

(g)   <u>Biochemical and molecular data</u>

Date added	Title of software/equipment	Function (brief summary)	Source & contact details	Member(s) of the Union using the software/equipment	Application by user(s)
	NTSYSpc (version 2.21m)	Multivariate data analysis program	Applied Biostatistics, Inc.	KR	Clustering analysis for DNA marker development

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