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UPOV

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS

Geneva

EXCHANGEABLE SOFTWARE

adopted by the Council
at its forty-seventh ordinary session
on October 24, 2013

1. Requirements for exchangeable software

1.1 Members of the Union are invited to offer software for inclusion in this document on the basis that the software will be made available to other members of the Union, subject to any specified conditions (e.g. software to be supplied, but no provision of installation or on-going maintenance etc.).

1.2 Members of the Union may propose software that they, themselves, have not developed, provided that the member of the Union proposing the software has used the software for the function described. In particular, jointly-developed software, freely-available software packages and packages built around commercial software products can be included, provided that intellectual property rights are respected and the relevant information concerning those aspects is covered by the information provided in the column for "Condition for Supply".

1.3 Information on the following should be provided by any member of the Union proposing software for inclusion in document UPOV/INF/16:

Program name
Programming language
Function (brief summary)
Source & contact details
Category(ies) of use (see Section 3 "Categories of software")

2. Procedure for inclusion of software

Software proposed for inclusion in document UPOV/INF/16 by members of the Union is, in the first instance, presented for review by the Technical Working Party on Automation and Computer Programs (TWC). On the basis of such presentations and the experience of members of the Union, the TWC makes a recommendation to the Technical Committee on whether to include that software in document UPOV/INF/16. In the case of a positive recommendation by the TC and by the Administrative and Legal Committee (CAJ), the software will be listed in a draft of document UPOV/INF/16, to be considered for adoption by the Council. Document UPOV/INF/16 is adopted by the Council.

3. Categories of software

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

(a) Administration of applications
(b) On-line application systems
(c) Variety denomination checking
(d) DUS trial design and data analysis
(e) Data recording and transfer
(f) Image analysis
(g) 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 included in document UPOV/INF/16.

4.2 The information on software use by members of the Union is indicated in the columns "Member(s) of the Union using the software" 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 is used.

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(a) Administration of applications

Date added	Program name	Programming language	Function (brief summary)	Source & contact details	Condition for supply	Member(s) of the Union using the software	Application by user(s)
	ZAJVKA	SQL Windows	Information on applications (name and address of applicants, proposed denomination, date of application etc) and registration (denomination, date of registration)	Russian Federation: State Commission of the Russian Federation for Selection Achievements Test and Protection, Valentin Sherbina, Chief of IT Department E-mail: gossort@gossort.com	Only available in Russian	RU	all crops

(b) On-line application systems
(c) Variety denomination checking
(d) DUS trial design and data analysis

	DUSTNT	FORTRAN 90	General program for analysis of data from DUS trials. Includes facilities for COY analysis and a wide range of multivariate analysis techniques	United Kingdom: Dr. Sally Watson Email: sally.watson@afbini.gov.uk		GB	Herbage, Pea (Field & Veg), Parsnip, Swede, Onion, Brussels Sprout, Winter Oilseed Rape, Sugar Beet, Faba Beans, Spring Oilseed Rape, Kale, Linseed
						CZ	Oilseed Rape, Grasses and Luzerne
						EE	Grasses and Legumes
						VN	Maize, Flowers, Rice, Tomato, Potato, Soybean, Vegetables, and other species
	GAIA	Windev	Computes comparisons of varieties for management of reference collections	France: Email: christophe.chevalier@geves.fr		FR	Sorghum, Sugar Beet, Maize, Wheat, Barley, Oat, Rape, Sunflower, Triticale, Pea
						HR	Barley, Maize, Wheat
						CZ	Maize, Wheat, Barley, Oat, and Pea

(e) Data recording and transfer

	SIRIUS	Windev	Hand-Held Data Capture Software	France: Email: christophe.chevalier@geves.fr		FR	Sorghum, Sugar Beet, Maize, Wheat, Barley, Oat, Rape, Sunflower, Triticale, Pea, Herbage

(f) Image analysis

	AIM	Windows	Image processing software	France: E-mail: christophe.chevalier@geves.fr		FR	rapeseed, sunflower, hydrangea, flax, peas, carrot, maize, winter wheat, orchids

(g) Biochemical and molecular data

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