UPOV EXCHANGEABLE SOFTWARE

(extract from document [UPOV/INF/16/12](https://www.upov.int/edocs/infdocs/en/upov_inf_16.pdf))

***Please provide information on the customized software that you are using for the purposes of plant variety protection by completing tables (a) to (g) where relevant.***

|  |  |
| --- | --- |
| ***AUTHORITY SUBMITTING INFORMATION:*** | ***[please complete]*** |

(a) Administration of applications

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date added | Program name | Programming language | Function (brief summary) | Source & contact details | Condition for supply | UPOV member(s) using the software | Application by user(s) |
| October 24, 2013 | 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: [gsk@gossortrf.ru](mailto:gsk@gossortrf.ru) | Only available in Russian | RU | all crops |
| ***[please complete*** | ***…]*** |
|  |  |
|  | ***[please*** | ***complete…*** | ***…*** | ***…*** | ***…*** | ***…*** | ***…]*** |

(b) On-line application systems

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date added | Program name | Programming language | Function (brief summary) | Source & contact details | Condition for supply | UPOV member(s) using the software | Application by user(s) |
|  | ***[please*** | ***complete…*** | ***…*** | ***…*** | ***…*** | ***…*** | ***…]*** |

(c) Variety denomination checking

| Date added | Program name | Programming language | Function (brief summary) | Source & contact details | Condition for supply | UPOV member(s) using the software | Application by user(s) |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***[please*** | ***complete…*** | ***…*** | ***…*** | ***…*** | ***…*** | ***…]*** |

(d) DUS trial design and data analysis

| Date added | Program name | Programming language | Function (brief summary) | Source & contact details | Condition for supply | UPOV member(s) using the software | Application by user(s) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| October 21, 2010 | 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:  Ms. Trudyann Kelly  e-mail: [info@afbini.gov.uk](mailto:info@afbini.gov.uk) |  | EE | Grasses and Legumes |
| FI | Grasses, Red Clover, White Clover, Turnip Rape, Rye |
| GB | Herbage, Pea (Field & Veg), Parsnip, Swede, Onion, Brussels Sprout, Carrot and other vegetable species, Winter Oilseed Rape, Sugar Beet, Faba Beans, Spring Oilseed Rape, Kale, Linseed |
| KE | Maize |
| NZ | Grasses, Brassicas, Wheat, Barley, Garden Peas |
| PL | Oilseed Rape, Grasses |
| SK | Grasses, clovers, oilseed rape |
| VN | Maize, Flowers, Rice, Tomato, Potato, Soybean, Vegetables, and other species |
| ***[please complete*** | ***…]*** |
|  |  |
| October 21, 2010 | GAIA | Windev | Computes comparisons of varieties for management of reference collections | France: e-mail: [christelle.lavaud@geves.fr](mailto:christelle.lavaud@geves.fr) |  | AR | Soybean, Grapevine, Anise, Hazelnut, Safflower, Paulownia, Hop, Hemp, Rice, Cotton |
| BR | Soybean, Wheat |
| CZ | Maize, Wheat, Barley, Oats, and Pea |
| FR | Sorghum, Sugar Beet, Maize, Wheat, Barley, Oats, Rapeseed, Sunflower, Triticale, Pea |
| HR | Barley, Maize, Soybean, Wheat |
| UY | All species |
| ***[please complete*** | ***…]*** |
|  |  |
| October 25, 2020 | Off-type Calculator | Excel | Calculates maximum allowable numbers of off-types for one- and two-cycle tests, along with associated statistical risks | United Kingdom: Mr. Adrian Roberts  e-mail: [a.roberts@bioss.ac.uk](mailto:a.roberts@bioss.ac.uk)  and [www.upov.int/edocs/mdocs/upov/en/twc\_37/twc\_37\_5\_annex\_ii.xlsx](http://www.upov.int/edocs/mdocs/upov/en/twc_37/twc_37_5_annex_ii.xlsx) |  | GB | All species |
| PL | All species |
| ***[please complete*** | ***…]*** |
|  |  |
|  | ***[please*** | ***complete…*** | ***…*** | ***..*** | ***…*** | ***…*** | ***…]*** |

(e) Data recording and transfer

| Date added | Program name | Programming language | Function (brief summary) | Source & contact details | Condition for supply | UPOV member(s) using the software | Application by user(s) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| October 21, 2010 | SIRIUS | Windev | Hand-Held Data Capture Software | France: e-mail: [christelle.lavaud@geves.fr](mailto:christelle.lavaud@geves.fr) |  | FR | Sorghum, Sugar Beet, Maize, Wheat, Barley, Oats, Rapeseed, Sunflower, Triticale, Pea, Herbage |
| ***[please complete*** | ***…]*** |
|  |  |
|  | ***[please*** | ***complete…*** | ***…*** | ***..*** | ***…*** | ***…*** | ***…]*** |

(f) Image analysis

| Date added | Program name | Programming language | Function (brief summary) | Source & contact details | Condition for supply | UPOV member(s) using the software | Application by user(s) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| October 24, 2013 | AIM | Windows | Image processing software | France: e-mail: [christelle.lavaud@geves.fr](mailto:christelle.lavaud@geves.fr) |  | FR | Rapeseed, Sunflower, Hydrangea, Flax, Peas, Carrot, Maize, Winter wheat, Orchids |
| ***[please complete*** | ***…]*** |
|  |  |
|  | ***[please*** | ***complete…*** | ***…*** | ***..*** | ***…*** | ***…*** | ***…]*** |

(g) Biochemical and molecular data

| Date added | Program name | Programming language | Function (brief summary) | Source & contact details | Condition for supply | UPOV member(s) using the software | Application by user(s) |
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