



TWC/28/34

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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
GENEVA

**TECHNICAL WORKING PARTY ON AUTOMATION AND
COMPUTER PROGRAMS**

Twenty-Eighth Session
Angers, France, June 29 to July 2, 2010

SURVEY ON HAND-HELD DATA CAPTURE DEVICES

Document prepared by the Office of the Union

1. At its twenty-sixth session held in Jeju, Republic of Korea, from September 2 to 5, 2008, the Technical Working Party on Automation and Computer Programs (TWC) agreed that a questionnaire on the use of data-loggers for data recording in DUS trials should be sent to TWC experts. On May 11, 2009, Circular E-998 was issued to the TWC with a summary of information provided by TWC participants at the twenty-sixth session of the TWC. TWC experts were requested to verify the information contained in the summary and to provide additional information as appropriate.
2. This document presents the information provided at the twenty-sixth session of the TWC. The Office of the Union has not received any further information since that time.

SURVEY ON HAND-HELD DATA CAPTURE DEVICES

| Member of the Union | Contact details | Hand-held data capture device used | Type of operating system | Application by user(s) |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Czech Republic | David HAMPEL, Biometrician, Central Institute for Supervising and Testing in Agriculture, (CISTA), National Plant Variety Office, Hroznova 2, 656 06 Brno. tel.: +420 543 548 251 fax: +420 543 212 440 e-mail: david.hampel@ukzuz.cz | Digital Caliper with data output (Resolution .01 mm.: accuracy: DYN 862) | Data sheet software | |
| | | PSION mx | Software for storing data to .xls format | |
| Denmark | Erik Lawaetz, DUS Scientist, The Danish Plant Directorate, Department of Variety Testing, Teglværksvej 10, DK-4230 Skælskør, Denmark | Unitech PA950 | Excel / WindowsMobil 5.0 | DUS |
| | | Unitech PA600 | Excel / WindowsMobil 5.0 | DUS |
| | | Unitech PA962 with UMTS network | Excel / WindowsMobil 5.0 | DUS / VCU |
| France | Christophe CHEVALIER, Groupe d'étude et de contrôle des variétés et des semences (GEVES), rue G. Morel, F-49071 Beaucouze Cedex. tel. : + 33 2 41 22 86 36 fax : +33 2 41 22 58 01 e-mail: christophe.chevalier@geves.fr Vincent GENSOLLEN, Groupe d'étude et de contrôle des variétés et des semences (GEVES) La Valette, 711 rue J.F. Breton, F-34090 Montpellier, tel.: +33 4 67 04 35 85 fax: +33 4 67 63 37 58 e-mail: vincent.gensollen@geves.fr | Panasonic Touchbook CF 18 Panasonic Touchbook CF U1 | SRIUS: Hand data CMP IODR developed by GEVES. SIRIUS is used in the following crops: Sorghum, sugar beet, maize, wheat, barley, oat, oilseed rape, sunflower, triticale, peas. | VCU and DUS |
| | | ITRONIX | | |
| Germany | Uwe MEYER, Referatsleiter Informationstechnologie, Referat 111, Bundessortenamt, Postfach 61 04 40, 30604 Hannover, tel.: +49 511 9566 689 fax: +49 511 563 362 e-mail: uwe.meyer@bundessortenamt.de | PSION Workabout mx | EPOC (Symbian) C- and OPL-programs Windows Mobil 6.0 | VCU and DUS |
| | | and PSION Workabout mx PRO PNT 1800 Designated replacement in 2010 | C- and Pocket Excel WinCE C-Easy programs | DUS |

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|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------|
| Netherlands | Gerie VAN DER HEIJDEN, Biometris, Wageningen-UR, P.O. Box 100, NL-6700 AC Wageningen, tel.: 31 317 480750 fax: 31 317 48 3554 e-mail: gerie.vanderheijden@wur.nl | Itronics Gobook Q.100 | | |
| Poland | Wieslaw PILARCZYK, Expert Statistician, Research Center for Cultivar Testing (COBORU), PL-63-022 Slupia Wielka, tel.: +48 61 285 2341 Ext. 224 fax: +48 61 285 35 58, e mail: wpilar@au.poznan.pl | PSION | | |
| Republic of Korea | Mi-Hee Yang, Examiner, Senior Researcher, Korea Seed & Variety Service, MIFAFF, e-mail: mh730@seed.go.kr | Fujitsu P Series Lifebook with wireless network system of HSDPA | | |
| United Kingdom | Adrian M.I. ROBERTS, Biomathematics & Statistics Scotland (BioSS), James Clerk Maxwell Building, The King's Buildings, Edinburgh EH9 3JZ, tel.: +44 131 650 4893 fax: +44 131 650 4901 e-mail: adrian@bioss.ac.uk Sally WATSON (Mrs.), Biometrics Branch, Agri-Food & Biosciences Institute, 18a, Newforge Lane, Belfast BT9 5PX, tel.: +44 28902 55 292 fax: +44 28902 55 008 e-mail: sally.watson@afbini.gov.uk | Itronix | | DUS |
| | Haidee Philpott, NIAB, Huntingdon Road, Cambridge. CB3 0LE, tel: +44 1223 342258 e-mail: Haidee.philpott@niab.com | Psion Workabout PRO Psion vehicle mounted 8515 | 'In house' developed system using: Microsoft® Windows® CE 5.0, Microsoft® Windows® Mobile® 6 Classic and Professional | DUS |