

Work plan for UPOV Technical Working Party on Testing Methods and Techniques (TWM), Second Session (TWM/2)

Organized by electronic means — (please note that the schedule is subject to change at any time) – Local time in Geneva (UTC+2)

	Monday, April 8, 2024	Tuesday, April 9	Wednesday, April 10	Thursday, April 11
<p>Session A: 12:00-13:30</p> <p>Time zone: CEST (UTC+2)</p>	<p>1. Opening</p> <p>2. Adoption of agenda (TWM/2/1 Rev.)</p> <p>4. Matters for information</p> <p>(a) Reports from members and observers (TWM/2/2)</p> <p>(b) Report on developments within UPOV (TWP/8/2)</p> <p>3 Matters for discussion:</p> <p>3.1 Guidance and information materials (TWP/8/1)</p> <p>3.2 Technical Committee subgroup on Test Guidelines</p> <p>3.3 Variety description databases including databases containing molecular data</p> <p>- Implementation of Purdy's notation for pedigrees in UPOV PRISMA (TWP/8/3)</p> <p>3.4 (a) Statistical tools and methods for DUS examination</p> <p>(i) COYU Criterion</p> <p>(ii) Development of software for the improved COYU method (splines)</p> <p>(iii) Extrapolation in relation to COYU</p> <p>(For items (i)(ii)(iii), TWM/2/3)</p> <p>(v) Development of Big Data platform for DUS examination</p>	<p>3.6 (a) Latest developments in molecular techniques and bioinformatics</p> <p>(i) WIPO Standard ST.26 - WIPO Sequence (TWM/2/15)</p> <p>3.6 (c) Report of work on molecular techniques in relation to DUS examination</p> <p>(i) Reference collection management using molecular markers: a new approach based on genomic prediction (TWM/2/4)</p> <p>(ii) Uniformity assessment using molecular markers (TWM/2/5)</p> <p>(iii) Molecular approaches to support DUS testing (TWM/2/6)</p>	<p>3.6 (e) Confidentiality, ownership and access to molecular data, including model agreement template</p> <p>(i) Confidentiality of molecular information (TWM/2/7)</p> <p>(ii) Examples of policies on confidentiality and access to molecular information data</p> <p>3.6 (g) The use of molecular techniques in variety identification</p> <p>(i) Use of Artificial Intelligence–based Markers for Variety Traceability (TWM/2/9)</p> <p>(ii) LociScan, a tool for screening genetic marker combinations for plant variety discrimination (TWM/2/14)</p>	<p><i>[Circulation of draft report before the session starts]</i></p> <p>7. Adoption of Report</p> <p>8. Closing of the session</p>
13.30 pm	Break	Break	Break	Break
<p>Session B: 14:00-15:30</p>	<p>3.4 (b) Exchange and use of software and equipment</p> <p>(i) Statistical Analysis Software used for DUS testing of Plant Variety (DUSCEL4.0) (TWM/2/11)</p> <p>3.5 (a) Assessment of color characteristics using image analysis</p> <p>(i) A method for calibration of size and color used in image analysis (TWM/2/10)</p> <p>3.5(b) Application of Imaging Analysis on DUS Test</p> <p>(i) UAV-based field phenotyping in the United Kingdom agricultural DUS testing (TWM/2/8)</p> <p>(ii) Application of Imaging Analysis on DUS Test (TWM/2/13)</p>	<p>3.6 (c) Cont.</p> <p>(vi) Guidelines for the validation of a new characteristic-specific molecular marker protocol for DUS studies as an alternative method for observation</p> <p>3.6 (b) Cooperation between international organizations</p> <p>(i) Latest developments in the application of BMT under the OECD Seed Schemes (TWM/2/19)</p> <p>(ii) ISTA report on the use of techniques for variety identification and verification (TWM/2/18)</p> <p>(iv) CPVO R&D activities (TWM/2/12)</p> <p>(v) Maize6H-60K: A genome-wide single nucleotide polymorphism array and its application (TWM/2/16)</p>	<p>3.4 (a) Cont.</p> <p>(iv) Comparison of results obtained for COYD procedures using different software (TWM/2/20)</p> <p>5. Date and place next session</p> <p>6. Future program</p>	<p><u>RESERVE</u></p>
15.30 pm	End	End	End	End