

**Work plan for UPOV Technical Working Party on Testing Methods and Techniques (TWM), First Session (TWM/1)
Organized by electronic means – (please note that the schedule is subject to change at any time)**

	Monday, September 19	Tuesday, September 20	Wednesday, September 21	Thursday, September 22	Friday, September 23
Session A: 12:00-13:30 Time zone: CEST Local time in Geneva (UTC+2)	<u>1. Opening</u> <u>2. Adoption of agenda</u> <u>(TWM/1/1 Rev.)</u> <u>3 (a) Reports from members and observers</u> <u>(TWM/1/3 Prov.)</u> <u>3 (b) Report UPOV (TWM/1/2)</u> <u>4 (a) Development of guidance and</u> <u>information materials (TWP/6/1)</u> <u>4 (b) Increasing participation in the work of</u> <u>the TC and the TWPs (TWP/6/12)</u> <u>4 (c) Cooperation in examination (TWP/6/9)</u> <u>4 (d) Information and databases</u> <u>- UPOV PRISMA (TWP/6/3)</u> <u>- UPOV Information DBs (TWP/6/4)</u> <u>- Variety description DB (TWP/6/2)</u> <u>- Variety denominations (TWP/6/6)</u>	<u>6. Phenotyping and image analysis</u> <u>- Image Analysis in Plant Variety</u> <u>Testing (TWM/1/4)</u> <u>- Color Imaging Analysis System</u> <u>(TWM/1/5)</u> <u>- DUS characteristics image</u> <u>processor (TWM/1/6)</u> <u>- UAV potential in DUS testing</u> <u>(TWM/1/20)</u> <u>- Machine Learning InnoVar project</u> <u>(TWM/1/25)</u>	<u>7 (d) Methods for analysis of molecular</u> <u>data, management of databases and</u> <u>exchange of data and material</u> <u>- Application of molecular markers in</u> <u>DUS testing of new varieties of Chinese</u> <u>cabbage (TWM/1/9)</u> <u>- DURDUS tools: Development of a</u> <u>common online molecular database and</u> <u>a genetic distance calculation tool</u> <u>(TWM/1/12)</u> <u>- Development of a SNP marker set in</u> <u>Cannabis to support DUS testing</u> <u>(TWM/1/17)</u> <u>- International harmonisation and</u> <u>validation of a SNP set for the</u> <u>management of tomato reference</u> <u>collection (TWM/1/18)</u>	<u>7 (g) The use of molecular</u> <u>techniques in variety identification</u> <u>- Variety identification: soybean</u> <u>case in Argentina (TWM/1/15)</u> <u>- Digital PCR for Genotype</u> <u>Quantification: A Case Study in a</u> <u>Pasta Production Chain</u> <u>(TWM/1/21)</u> <u>7 (h) The use of molecular</u> <u>techniques for enforcement</u> <u>- Variety Tracer: Fraudulent use of</u> <u>parental lines (TWM/1/19)</u> <u>8. Date and place next session</u> <u>9. Future program</u>	<i>[Circulation of</i> <i>draft report</i> <i>before the</i> <i>session starts]</i> <u>10. Adoption</u> <u>of Report</u> <u>11. Closing of</u> <u>the session</u>
13:30-14:00	Break	Break	Break	Break	Break
Session B: 14:00-15:30 (CEST)	<u>5 (a) Statistical tools and methods for DUS</u> <u>examination</u> <u>- Combined Over Years Uniformity Criterion</u> <u>(COYU) (TWP/6/11)</u> <u>- Development of software for the improved</u> <u>COYU method (splines) (TWM/1/8,</u> <u>TWM/1/8 Add)</u> <u>- Extrapolation in relation to COYU</u> <u>(TWM/1/7, TWM/1/7 Add)</u> <u>5 (b) Exchange and use of software and</u> <u>equipment (TWP/6/5)</u> <u>- Development of Statistical Analysis</u> <u>Software: DUSCEL (TWM/1/10)</u> <u>- PATHOSTAT Software (TWM/1/11)</u>	<u>7. Molecular Techniques</u> <u>7 (b) Cooperation between</u> <u>international organizations</u> <u>(TWP/6/7)</u> <u>- ISTA report on the use of</u> <u>molecular techniques (TWM/1/23)</u> <u>- Latest developments in the</u> <u>application of BMT under the</u> <u>OECD Seed Schemes (TWM/1/24)</u> <u>7 (c) Report of work on molecular</u> <u>techniques in relation to DUS</u> <u>examination</u> <u>- Update on IMODDUS activities</u> <u>(TWM/1/14)</u>	<u>- Cotton genotyping using the TAMU</u> <u>63KSNPsArray (TWM/1/13)</u> <u>- Soybean molecular marker method</u> <u>(TWM/1/16)</u> <u>7. (e) Confidentiality, ownership and</u> <u>access to molecular data (TWM/1/22)</u>	RESERVE	RESERVE
15:30 pm	End	End	End	End	

September 22, 2022: "Breeders day"