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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS Geneva

TECHNICAL WORKING PARTY ON AUTOMATION AND COMPUTER PROGRAMS

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MINIMIZING VARIATION BETWEEN OBSERVERS - PRACTICAL EXAMPLE FROM FINLAND

Document prepared by an expert from Finland

Disclaimer: this document does not represent UPOV policies or guidance

The Annex to this document contains a copy of a presentation on "Minimizing variation between observers – practical example from Finland" that will be made at the thirty-fourth session of the Technical Working Party on Automation and Computer Programs (TWC).

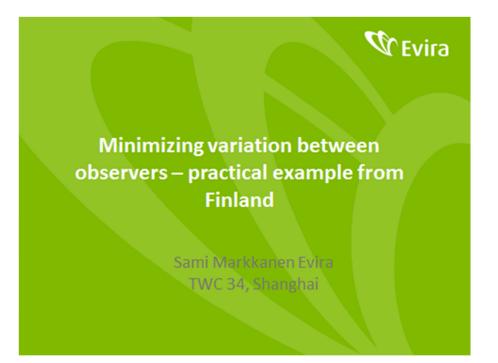
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[Annex follows]

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ANNEX

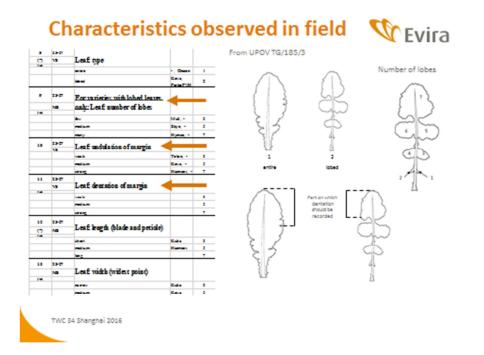
MINIMIZING VARIATION BETWEEN OBSERVERS - PRACTICAL EXAMPLE FROM FINLAND



Some practical issues with calibration of observers



- Usually the time for making the certain observations is short and therefore fast and efficient working methods are needed: need for several observers
- MS / VS characteristics
- Example: the leaf characteristics of Turnip rape
- Brassica rapa L. var. silvestris (Lam.) Briggs.) UPOV TG/185/3
 3 leaf characteristics where calibration is needed



Right time for observations





About one week time for making the Observations

Use of example varieties

Amount of observations





Amount of varieties: 25 Amount of characteristics:6 Observations /variety: 60 Total: 9000

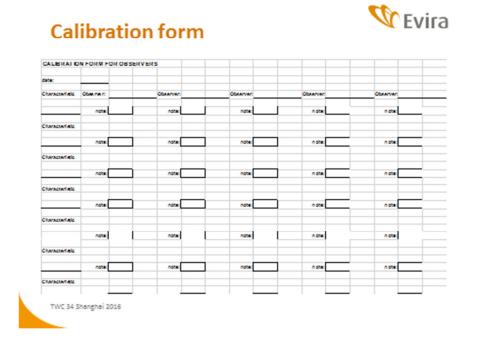
Need for several observers





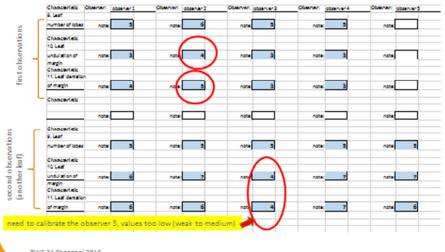






Example of calibration



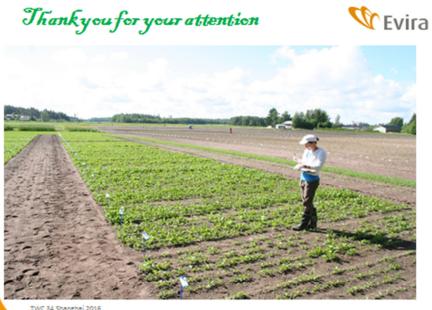




 Red clover (TG/5/7): characteristic 15. Stem: density of hairs, VS

- Use of photographs / example stems for calibration





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