

Technical Working Party on Testing Methods and Techniques**TWM/4/21****Fourth Session****Cambridge, United Kingdom, June 2 to 5, 2026****Original:** English**Date:** May 12, 2026

DEVELOPMENT OF MOLECULAR MARKER PANELS FOR VARIETY REGISTRATION AND TRADE CONTROL*Document prepared by an expert from Argentina**Disclaimer: this document does not represent UPOV policies or guidance*

1. During the meeting we are going to present the Standard Operating Procedure developed by Argentina for marker selection, validation and decision making criteria in the context of variety identification.
2. We are going to start recalling the soybean process and then explaining the general steps for developing variety identification tools for the purposes of registration and trade control, which consist of 20 steps starting from identification of a need, the variety and markers selection, estimation of costs, validation, development of a database and making adjustments if required.
3. Finally, we are going to briefly mention the work done validating the image based tests. Also a summary of the Argentine regulation in relation to the use of molecular marker, image-based markers and laboratory authorization will be presented.

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