

Technical Committee

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ADDENDUM TO CHARACTERISTIC-SPECIFIC MARKER WITH INCOMPLETE INFORMATION ON STATE OF EXPRESSION

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1. The purpose of this addendum is to report on developments at the forty-eighth session of the Technical Working Party for Agricultural Crops (TWA) and present a revised proposal for a new example be added to document TGP/15 to illustrate a situation where the characteristic-specific marker does not provide complete information on the state of expression of a characteristic.
2. The TWA, at its forty-eighth session, held in Montevideo, Uruguay, from September 16 to 20, 2019, considered document TWP/3/12 "Characteristic-specific marker with incomplete information on state of expression" (see document TWA/48/9 "Report", paragraphs 28 to 35).
3. The TWA considered the proposal for a new example be added to document TGP/15 to illustrate a situation where the characteristic-specific marker does not provide complete information on the state of expression of a characteristic, as set out in the Annex to document TWP/3/12.
4. The TWA agreed that it should be clarified whether the sources of resistance to ToMV Strain 0 were genes Tm1/tm1 and Tm2/Tm2²/tm2 or whether there were other known sources of resistance.
5. The TWA agreed that it should be clarified whether different markers were linked to the alleles Tm2 and Tm2². In case both alleles were linked to the same marker, the two columns for the resistant alleles should be combined in Table 1 "Schematic overview of resistance to Tomato mosaic virus and resistance alleles."
6. The TWA agreed that the guidance should clarify that, according to the procedure, varieties claimed as susceptible would also be included in the bioassay.

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