

## Differential Sets

### Tomato mosaic virus (ToMV) - Tomato

Differential hosts	Gene present	Race		
		ToMV: 0*	ToMV: 1*	ToMV: 2*
Monalbo*, Marmande* Early Pak 7*	-	S	S	S
Mobaci*	<i>Tm</i>	HR	S	HR
Moperou 161*	<i>Tm2</i>	HR	HR	S
Momor*, Geneva 80, Gourmet	<i>Tm2<sup>2</sup></i>	HR	HR	HR

S = susceptible; HR = highly resistant

\* differential hosts and isolates that are used by the seed sector.

Note: Strains ToMV: 1.2 and ToMV: 2<sup>2</sup> described in literature are not included in this table. Strain 1.2 is very exceptional and 2<sup>2</sup> is a necrotic strain associated with *Tm2<sup>2</sup>* obtained in the lab and is therefore not seen in nature.

### References

Pelham, J. (1969) Isogenic lines to identify physiologic strains of TMV. *Tomato Genet. Coop. Rep.* 19:18.

Rast, A. T. B. (1975) Variability of tobacco mosaic virus in relation to control of tomato mosaic in greenhouse tomato crops by resistance breeding and cross protection. *Cent. Agric. Publ. Doc. Agric. Res. Rep.* 834. 76pp.

Waterson, J. C. (1993). Development and breeding of resistance to pepper and tomato viruses. In: Resistance to viral diseases of vegetables. Genetics & Breeding. Ed. M. M. Kyle. pp 80-101. Timber Press, Portland

### Protocol

CPVO. See <http://www.cpvo.europa.eu/> for a protocol on disease resistance testing

For more information contact the ISF Secretariat at [isf@worldseed.org](mailto:isf@worldseed.org)

Disclaimer: The information contained on this paper is for general information purposes only. You should not rely upon as a basis for making any business, legal or any other decisions. Whilst we endeavour to keep the information up to date and correct, ISF makes no representations or warranties of any kind, express or implied about the completeness, accuracy, reliability, suitability or availability with respect to the information contained on the paper for any purpose. Any reliance you place on this information is therefore strictly at your own risk.