

➔ NEW PRODUCT!

An emerging Tobamovirus called **Tomato Brown Rugose Fruit Virus** has been detected in Germany for the first time in 2018.

This devastating virus can infect 100% of tomatoes in glasshouses and is a severe threat to tomato cultivation, as it seems also able to break the TM-22 resistance gene against other tobamoviruses.

Symptoms include chlorosis, mosaic and mottling on foliage and rugose with yellow and brown spots on fruits, which dramatically decrease the economic value of the produce. Due to its aggressive character and easy transmission pathways through contact with contaminated tools or even by pollination through bumblebees, it is listed on the EPPO alert list as emerging virus in the EU.*

*EPPO (2019): Tomato brown rugose fruit virus. EPPO Global Database <https://gd.eppo.int/taxon/TOBRFV>



NEW: Detection of ToBRFV by LOEWE® DAS ELISA

LOEWE® Reagents are available as ELISA sets or complete kits for many test sizes:

07175S/100	ToBRFV set / 100 tests	100 tests
07175S/300	ToBRFV set / 300 tests	300 tests
07175S/500	ToBRFV set / 500 tests	500 tests
07175C/096	ToBRFV complete kit 96 tests	96 tests
07175C/480	ToBRFV complete kit 480 tests	480 tests
07210 PC for ToBRFV	ELISA Method Control GAR unspecific	1 vial (10 tests)
07175NC	Negative Control ToBRFV	1 vial (10 tests)

Complete RNA PCR reaction kits: detection of all Tobamoviruses by end-point RNA PCR

Our Tobamovirus Broad Range RNA PCR kits utilize primers against the Tobamovirus genus that are able to detect Tomato Brown Rugose Fruit Virus among other Tobamoviruses. Discrimination can then be done by sequencing. Please contact us for full specification of the kit!

09184C/100	Tobamovirus Broad Range complete RNA PCR reaction kit	100 tests
09184PC	Positive PCR Control Tobamovirus	1 vial (10 reactions)
09184NC	Negative PCR Control Tobamovirus	1 vial (10 reactions)

**For more information on the detection of Tobamoviruses contact us or visit our web-site:
www.loewe.info.com**