



NEW Diagnostic Seed Health Test Available !!!

Detection of Tomato Brown Rugose Fruit Virus (ToBRFV) using RT-qPCR assay at ARC –PHP



Tomato brown rugose fruit virus (ToBRFV), is a newly-emerging seed-borne virus in the genus Tobamovirus. This virus is causing severe losses within tomato and pepper crops globally. Major symptoms include a mosaic pattern on the leaves, distortion of leaves and brown and/or wrinkly spots on fruits.

Due to the potential economic impact of this virus, it is essential that planting material be certified free from this virus, for trade purposes. The Taqman RT-qPCR assay, as described in the International Seed Federation (ISF March 2020), was optimized, and is now readily available at the ARC-PHP Virology Laboratory, which is registered with DALRRD. Test results will be available within two weeks after receipt of samples. Standard terms and conditions apply.

For any further enquiries and quotations,
please contact our Research Team Manager, Dr. Elna van Der Linde (VDLindeE@arc.agric.za), or one of our Virologists: Ms Marika van der Merwe (vdmerwema@arc.agric.za) or Ms Nicola Robbertse (wesselsn@arc.agric.za).

*Picture: <https://www.freshplaza.com/article/9099991/italians-share-knowledge-on-tomato-brown-rugose-fruit-virus-tobrfv/>