

>>> PRACTICE ABSTRACT 7 <<<

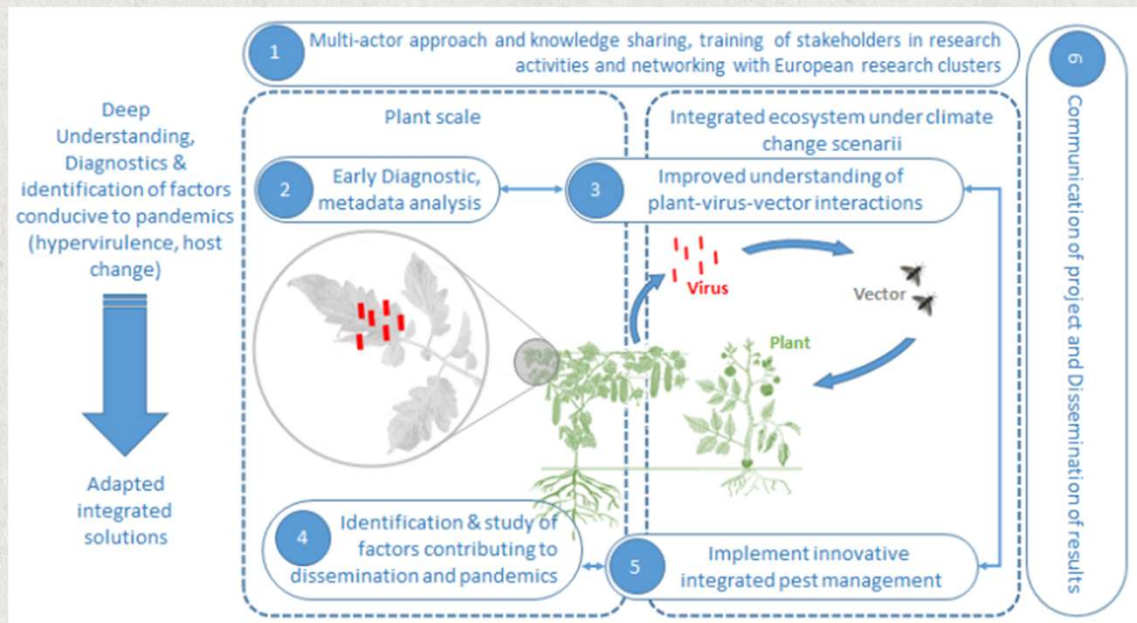
Early warning system and mitigation strategies for Tomato brown rugose fruit virus



ToBRFV, Early warning system, Mitigation strategies, Commercial tomato cultivation



Belgium and Netherlands



Tomato brown rugose fruit virus (*ToBRFV*) poses a huge threat to commercial tomato cultivation worldwide. Due to its high persistence and easy mechanical transmission, *ToBRFV* is extremely hard to get rid of once it enters the greenhouse. Current management strategies therefore centre around preventive measures, such as improved hygiene, in an attempt to keep the virus out of the crop. **Early detection of the virus** can also play an important role. Our research shows that *ToBRFV* circulates in greenhouse water systems and can be detected in drain water samples before the plants start showing symptoms. We illustrate that drain water can be used to monitor *ToBRFV* outbreaks and thus can serve as an early warning system.

>>> **READ MORE**

<https://zenodo.org/records/7928630>

E.Vogel, Z. Zisi, N. Ortega-Parra, C. Vos, I. Hanssen

NKB: Marlies Huysmans



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101000570

