



Sustainable, integrated virus management

From 2018-2022 | Total budget € 280,000

Pathogens present one of the major constraints on production yields and with nearly 50% of all newly emerging diseases caused by viruses, stresses the importance for continuing development of integrated virus management (IVM) strategies. This NWO-FAPESP-funded project aims to strengthen joint efforts of a Dutch-Brazilian virology research consortium to study a small set of very important plant viruses (geminiviruses, tospoviruses and citrus infecting viruses) to the Dutch and Brazilian Agri-Food sector in different vegetable and fruit crops and transmitted by various arthropods (whiteflies, thrips and mites). This project builds on an earlier Dutch-Brazilian NWO-CPNq supported project and expands towards the establishment of a larger collaborating research network that will not only accelerate the implementation of newly gained knowledge into sustainable IVM approaches for the viruses under investigation, but is likely to be of use to other virus pathosystems as well. In the meantime it presents an international research platform to maintain plant virology expertise needed for exchange and training plant virology students.

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