



Marlon Hans Rodriguez (Autor)

Transmission and Management of Plant Pathogens in Irrigation Water

Fungal and Viral Pathogens in Hydroponic Tomatoes in Greenhouses

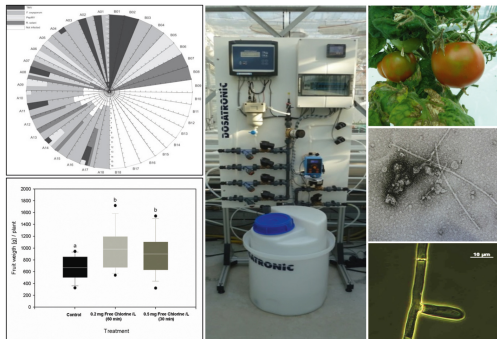
Berliner ökophysiologische
und phytomedizinische Schriften



Marlon Hans Rodriguez Aguilar

Band 59

Transmission and Management of Plant
Pathogens in Irrigation Water –
Fungal and Viral Pathogens in Hydroponic
Tomatoes in Greenhouses



Cuvillier Verlag Göttingen
Internationaler wissenschaftlicher Fachverlag

<https://cuvillier.de/de/shop/publications/9068>

Copyright:

Cuvillier Verlag, Inhaberin Annette Jentsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen, Germany

Telefon: +49 (0)551 54724-0, E-Mail: info@cuvillier.de, Website: <https://cuvillier.de>

Table of content

List of abbreviations	I
List of figures	III
List of tables	III
Zusammenfassung	1
Summary	2
Resumen	3
Chapter 1 - General introduction	5
Chapter 2 - Plant viruses in irrigation water: reduced dispersal of viruses using sensor-based disinfection	15
Chapter 3 - Efficacy of electrolytically-derived disinfectant against dispersal of <i>Fusarium oxysporum</i> and <i>Rhizoctonia solani</i> in hydroponic tomatoes	27
Chapter 4 - Electrolytic disinfection of irrigation water for intensive crop production in greenhouses as demonstrated on tomatoes (<i>Solanum lycopersicum</i> Mill)	39
Chapter 5 - General Discussion	57
Chapter 6 - References	63
Declaration of independence - Eigenständigkeitserklärung	74
Acknowledgment	75