Global Perspectives on the Health of Seeds and Plant Propagation Material

Plant Pathology in the 21st Century

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Maria Lodovica Gullino • Gary Munkvold
Editors

Global Perspectives on the Health of Seeds and Plant Propagation Material

Volume 6

Springer

Editors

Maria Lodovica Gullino
AGROINNOVA
Università degli Studi di Torino
Grugliasco
Torino
Italy

Gary Munkvold
Plant Pathology and Microbiology
Iowa State University
Ames
Iowa
USA

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Foreword

This volume continues the series of books on “Plant Pathology in the 21st Century”, which started in 2010, in cooperation with the International Society for Plant Pathology and contains the papers given at the 10th International Congress of Plant Pathology (ICPP 2013) held in Beijing, August 25–30, 2013 concerning seed health.

The use of healthy seeds and propagation material is a prerequisite in any cropping systems, because it permits to strongly reduce the further adoption of other disease management strategies in the field during the cultivation.

Many pathogens are transmitted throughout infected seeds and propagation material. The fact that propagation material production is very much concentrated in few establishments, favors the quick spread of new diseases throughout seed commercialization. This phenomenon is very much accelerated in a globalized system.

The book covers case studies of contamination, aspects of detection and diagnosis as well as disease management strategies, with special emphasis towards seed treatments with unconventional products.

We believe that, besides representing a written testimony of ICPP 2013, this book will be useful for all plant pathologists as well as students in advanced courses.

We wish to thank all the colleagues who accepted to be part of this book, Zuzana Bernhart and her group at Springer for their continuous support and Laura Castellani for her skilfull technical assistance.

The Editors

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Contributors

Theresa A. S. Aveling University of Pretoria, Pretoria, South Africa

Giorgio M. Balestra Department of Agriculture, Forestry, Nature and Energy, University of Tuscia, Tuscia, Italy

Jianjun Feng Animal & Plant Quarantine Technology Center, Shenzhen, People's Republic of China

Angelo Garibaldi AGROINNOVA, University of Torino, Grugliasco, Italy

Giovanna Gilardi AGROINNOVA, University of Torino, Grugliasco, Italy

Damen Griessinger European and Mediterranean Plant Protection Organization, Paris, France

M. Lodovica Gullino AGROINNOVA, DISAFA, University of Torino, Grugliasco, Italy

Eckhard Koch Julius Kühn-Institute, Dresden, Germany

Jianqiang Li Department of Plant Pathology, China Agricultural University, Beijing, People's Republic of China

Laixin Luo Department of Plant Pathology, China Agricultural University, Beijing, People's Republic of China

Angelo Mazzaglia Department of Agriculture, Forestry, Nature and Energy, University of Tuscia, Tuscia, Italy

Madeleine McMullen European and Mediterranean Plant Protection Organization, Paris, France

Carmen N. Mortensen Danish Seed Health Centre, Department of Plant and Environmental Sciences, University of Copenhagen, Copenhagen, Denmark

Gary P. Munkvold Seed Science Center, Iowa State University, Ames, IA, USA

Gilberto Olaya Syngenta Crop Protection, Vero Beach, FL, USA

Françoise Petter European and Mediterranean Plant Protection Organization (EPPO), Paris, France

Angelo Porta-Puglia Istituto Sperimentale per la Patologia Vegetale (presently CRA-PAV), Rome, Italy

Steven J. Roberts Plant Health Solutions Ltd, Warwick, UK

Anne-Sophie Roy European and Mediterranean Plant Protection Organization, Paris, France

Sabrina Sarrocco Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali, Università di Pisa, Pisa, Italy

Norman W. Schaad USDA, ARS, Foreign Disease Weed Science-RU, Ft. Detrick, MD, USA

Thousand Oaks, CA, USA

Monika Scheller Syngenta Crop Protection, Basel, Switzerland

Heather E. Simmons Syngenta Crop Protection, Basel, Switzerland

Muriel Suffert European and Mediterranean Plant Protection Organization, Paris, France

Giovanni Vannacci Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali, Università di Pisa, Pisa, Italy

Clifford Watrin Syngenta Crop Protection AG, Basel, Switzerland

Ronald Zeun Syngenta Crop Protection, Stein, Switzerland