PRESS RELEASE
For immediate release

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New APS PRESS Title Unravels the Complexities Behind Vector-Plant Virus Transmissions

St. Paul, Minn. (August 2016)—To fully understand the transmission of viruses through vectors, one must look at various parts of the whole, such as the vector's activities, the point(s) of inoculation, and the pathogen's effects on the plant at various levels, including the molecular, cellular, and visual.

A new book published by APS PRESS, titled *Vector-Mediated Transmission of Plant Pathogens*, helps unravel the deep complexities behind pathogen-vector interactions.

This comprehensive, 500+ page monograph for students and experts of vector biology covers all major vector types, key pathogens, and details of their interactions, including…

- The various types of vectors involved, including arthropods, mites, fungi, and organisms once classified as fungal pathogens, nematodes, and trypanosomatids
- A variety of key pathogens, including eubacteria, fungi, plant pathogenic nematodes, as well as plant RNA and DNA viruses
- The many mechanistic and ecological roles related to vector-mediated transmission
- The pathogen's coevolved interactions with particular type and parts of the vector at hand
- The defined pathways between the vector and host
- Specific retention-inoculation characteristics in relation to the vector and plant host

Each chapter of this seven-part book gives the reader detailed examples of particular pathogen-vector interaction modes, tying together many years of research to advance the understanding of pathogen-vector biology and interactions at biochemical, cellular-tissue-organ, and functional genomics levels.

The final seventh section includes short treatises on a number of emerging pathogen-vector complexes which require further research, written with the goal of inspiring students and researchers to continue pioneering this important field.

Vector-Mediated Transmission of Plant Pathogens spans the fields of plant pathology, virology, bacteriology, mycology, entomology, and ecology.

It is an ideal textbook and reference for students, professors, and enthusiasts who study or specialize in vector biology in general—or in relation to any of these disciplines.

Visit www.shopapspress.org to learn more about this and other important titles from APS PRESS.

Book Specifications and Data

©2016; 8.5” × 11” hardcover; 510 pages; 171 images; 6 pounds; ISBN 978-0-89054-516-4

This book is published by The American Phytopathological Society (APS) and may be purchased for $395 plus S&H from APS PRESS.

Review copies of *Vector-Mediated Transmission of Plant Pathogens* are available. If you are interested in reviewing this book for your publication and can forward a copy of the published review within six months of receiving the book, please send your request with details of your publication to Dawn Wuest at aps@scisoc.org.

NOTE: Digital artwork of the book’s cover is available by contacting Dawn Wuest using the contact information provided. Please specify if the artwork will be used for print or electronic media.

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