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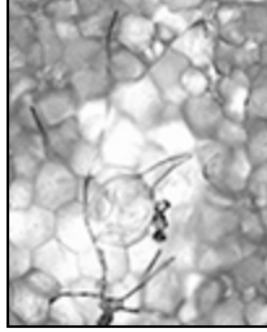
Feature



[Major Pomegranate Diseases, with a Focus on the Pathogenesis, Epidemiology, and Management Challenges of *Alternaria alternata* Diseases](#)

Sophie Goldman, Santa Olga Cacciola, and David Ezra

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[Innovative Control of the Cucurbit Powdery Mildew: Combining Nanoencapsulated dsRNA and Low-Dose Fungicides for Sustainable Crop Protection](#)

Nisrine Bakhat, Yandira Morales, David Fernández-Salvatierra, Leonardo Velasco, Alejandro Pérez-García, and Dolores Fernández-Ortuño

Research



[Performance of Tomato Cultivars Under Natural Tomato Yellow Leaf Curl Disease Pressure in Georgia, U.S.A.](#)

Nirmala Acharya, Manish Kumar, Sudeep Bag, Ty Torrance, Cale Cloud, Alvin M. Simmons, Manisha Kumari, Emilio Suarez, and Theodore McAvoy



From: APS Journals apsheadquarters@scisoc.org
Subject: Not All Allies Are Welcome—Your June APS Research Update
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- **Deadline extended:** [Seedborne Pathogens: Risks, Research, and Resilience](#)
- **NEW:** [Plant Immune Receptors in the Spotlight](#)
- [MPMI Call for Assistant Feature Editors](#)
- [A Timeline of Destruction and Discovery: 180 Years of “Plant Destroyer” Research](#)
- [Corn Diseases Cost Farmers \\$13.8 Billion from 2020 to 2023](#)

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Editor's Pick

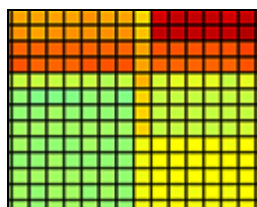


Artificial Intelligence-Based Tools for Automated Genus-Level Identification of Plant-Parasitic Nematodes

Sudha G. C. Upadhaya, Cynthia Gleason, Inga A. Zasada, Sam Chavoshi, Arjun Upadhaya, El Hassan Mayad, David L. Wheeler, and Timothy C. Paulitz

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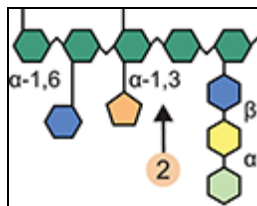
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[Beet Curly Top Virus Genetic Diversity, Impact on Cannabinoids, Potential Seed Transmission, and Vector Biology in Hemp](#)

Jinlong Han, Jacob MacWilliams, Max Schmidtbauer, Raiyaa Huntress, and Maria Paula Mejia Alonzo et al.

Bioinformatics and Computational Plant Pathology



In Planta Transcriptomics of *Xanthomonas albilineans* Reveals Early Adaptations to the Nutrient-Limited Xylem Environment of Sugarcane

Marcelo Marques Zerillo, Henrique Moura Dias, Juliane K. Ishida, Dora T. Bonadio, and Paula Cristina Gasparezzo Turrini et al.

Call for Papers!

Seedborne Pathogens: Risks, Research, and Resilience

A *Phytopathology*® Focus Issue

Seedborne Pathogens: Risks, Research, and Resilience

Deadline extended—submit by August 17, 2026

The editors encourage submissions that expand knowledge of seedborne and seed transmitted plant pathogens, including etiology and epidemiology; molecular and physiological aspects of host-pathogen interactions; and strategies for detection; mitigation; and prevention.

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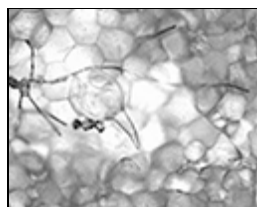
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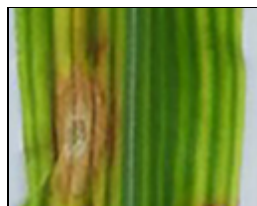


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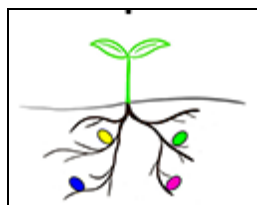
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A Broadly Distributed Rhizobacterium, *Roseateles chitinivorans* P500, Promotes Growth and Systemic Resistance via Jasmonic Acid-Dependent Oxylinin Signaling in Grasses

Pei-Cheng Huang, Christopher Q. Ngo, Adoriam DeWalt, Michael V. Kolomiets, and Joseph A. Edwards

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Not All Allies Are Welcome: Partner Discrimination in Legume–Rhizobium Symbiosis

Csaba Gellért, Niloofar Ebrahimkhalili, Shristi Siwakoti, Hongyan Zhu, and Attila Kereszt

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Genomic and Transcriptomic Insights into the Evolution and Parasitic Strategy of the Woody-Plant Nematode *Pratylenchus vulnus*

Dadong Dai, Yali Zhang, Romnick Latina, Xuyun Yang, and Valerie M. Williamson et al.



Plant Immune Receptors in the Spotlight

Submission deadline: October 31, 2026

This focus issue seeks to capture exciting developments across all areas of immune receptor biology that are pertinent to enhancing our understanding of the plant–pathogen interaction.

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[Assessment of the Endophytic Microbiome of Soybean Seeds Under the Agricultural Ecosystem in Mississippi, U.S.A.](#)

Shuxian Li, Nathan Lahr, Grover Shannon, Feng Lin, Seconde F. Ravelombola, and Chuntao Yin

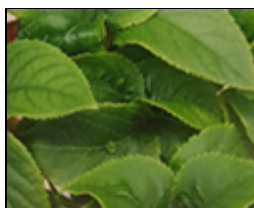
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[Engineering the Citrus Phyllosphere Microbiome for Enhanced Disease Resistance to Bacterial Canker](#)

Jinyun Li, Jin Xu, Donghwan Lee, Connor G. Hendrich, and Zhiqian Pang et al.

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[Diverse *Pseudomonas* Species Engage in Beneficial and Suppressive Interactions with the Kiwifruit Pathogen *Pseudomonas syringae* pv. *actinidiae* Across *Actinidia* Germplasm](#)

Haileigh R. Patterson, Lauren M. Hemara, Matthew D. Templeton, and Jay Jayaraman



Editor's Pick

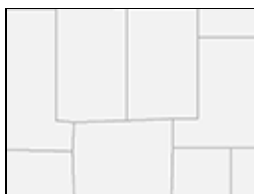


Prolonged Periods of Flooding Increased the Susceptibility of *Gordonia lasianthus* to *Phytophthora cinnamomi*

Linus T. Schmitz, Andrew J. Boone, and Steven N. Jeffers

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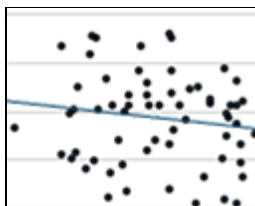
Survey



[A Survey of Plant-Parasitic and Entomopathogenic Nematodes on Small Vegetable Farms in Indiana](#)

Vijay Kunwar, Skarleth Chinchilla, Laura L. Ingwel, Weimin Ye, Wenjing Guan, and Lei Zhang

Research



[Growth Stage-Based Management of Insects and Diseases in Mungbean in the U.S. Midwest Production](#)

Evelyn Heidt, Nabin K. Dangal, Matthew E. O'Neal, Arti Singh, and Daren S. Mueller



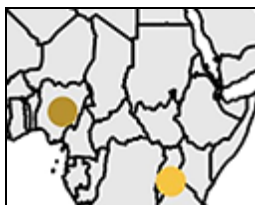
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[Determining the Optimal Timing and Economic Return of Corn Fungicide Applications Using a Network Meta-Analysis](#)

Nabin K. Dangal, Maria Oros, Jason Lo, Isaac Baumann, and Damon L. Smith et al.

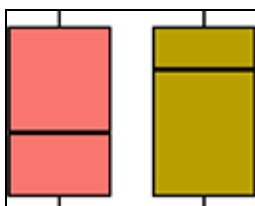
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[Global Comparative Genomics of the Burrowing Nematode, *Radopholus similis*](#)

C. L. Wram, C. Hesse, D. A. Humphreys-Pereira, P. Vieira, and S. Eves-van den Akker et al.

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[Comparison of Different Culture Media and Different Spawn Substrata to Increase Inoculum of *Cercospora sojina* and *Septoria glycines*](#)

Edgar H. Nieto-Lopez, Shrishail S. Navi, and Daren S. Mueller



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