Focus

Compiled by Thor Kommedahl

Silicon mediated root resistance of coffee to Meloidogyne exigua by decreasing reproductive capacity of nematodes report R. V. Silva and associates at Viçosa Federal University, Brazil. (Plant Pathol. 59:586-593, 2010)

All 19 bioluminescent mutants of Clavibacter michiganensis induced wilt in tomato and hypersensitivity in Mirabilis jalapa report X. Xu and associates at Ohio State University, Wooster, and Gentechnologie, Bielefeld, Germany. (Appl. Environ. Microbiol. 76:3978-3988, 2010)

Cutting rot of chrysanthemum is caused by Plectosporium tabacinum report M. Satou and associates at the National Institute of Floricultural Science, Tsukuba, Japan. (J. Gen. Plant Pathol. 76:225-228, 2020)

Pathogenesis-related protein TaPR5 was detected in wheat-leaf cell walls in the incompatibility reaction with stripe rust and not with the compatible reaction report X. Wang and associates at Northwest A&F University, China, and University of Hohenheim, Germany. (Physiol. Plant. 139:27-38, 2010)

Growth chamber disease ratings of powdery mildew on azalea was predictive of field performance to serve as a low-cost, off-season selection component in breeding programs report M. C. Long and associates at Purdue University, Holden Arboretum (Ohio), and University of Minnesota. (HortScience 45:784-789, 2010)

The p9 movement protein in Turnip crinkle virus is an integral membrane protein with a defined topology in the endoplasmic reticulum report L. Martinez-Gil and associates at the Universitat de Valéncia, Spain, and Texas A&M University. (J. Virol. 84:5520-5527, 2010)

Xylanase produced by Cochliobolus sativus influences aggressiveness of its isolates to barley seedlings report Y.Bakri and associates at AECS, Damascus, Syria. (J. Phytopathol. 158:444-447, 2010)

Defense responses of avocado roots to Phytophthora cinnamomi are activated by infection but insufficient to avoid invasion report E. Garcia-Pineda and associates at Universidad Michoacana de San Nicolás de Hidalgo, Mexico. (Plant Soil 331:45-56, 2010)

Seed treatment, seedling dip, and soil drenching of liquid formulation of Pseudomonas fluorescens reduced Fusarium wilt of tomato in the field report R. Manikandan and associates at Tamil Nadu Agricultural University, India. (Biol. Control 54:83-89, 200)

Spray programs to control potato early blight were most effective if boscalid + metiram were in the first two applications report A. Horsfield and associates at Nufarm Australia Ltd., South Australian Research and Development Institute, Dow Agrosciences Australia Ltd., Australia. (Australas. Plant Pathol. 39:368-375, 2010)

Flavonoids are involved in modulating auxin efflux in root galls of arabidopsis caused by Plasmodiophora brassicae report S. Pasold and associates at Technische Universität Dresden, Germany. (Mol. Plant Pathol. 11:545-562, 2010)

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