Focus

Compiled by Thor Kommedahl

Melon necrotic spot virus invades melon roots by virus replication, but a destination-selective process may explain high virus concentrations in roots report B. Gosalvez-Bernal and associates at Campus Universitario de Espinardo and IBMCP, Spain. (Mol. Plant Pathol. 9:447-461, 2008)

Fungicide seed treatment improved seedling emergence in wheat and reduced severity of seedling blight caused by Microdochium nivale and M. majus report N. C. Glynn and associates at Harper Adams University College, UK. (Pest Manag. Sci. 64:793-799, 2008)

New subspecies-specific primers using PCR fragments were designed to detect Acidovorax avenae causing cucurbit fruit blotch report O. Bahar and associates at Hebrew University of Jerusalem, Hazera Genetics Ltd., Israel; and University of Georgia. (Plant Pathol. 57:753-763, 2008)

Four species of Pratylenchus that occur in Australian wheat and barley fields increase with intensification of cropping report G. J. Hollaway and associates at the Victoria Department of Primary Industries, University of Adelaide, and South Australian Research and Development Institute, Australia. (Australas. Plant Pathol. 37:505-510, 2008)

Botrytis mali, a postharvest pathogen of apple, is a unique species based on DNA sequence analysis report D. T. O'Gorman at Agriculture and Agri-Food Canada, Summerland, BC. B. cinerea is in a different clade. (Mycologia 100:227-235, 2008)

Resistance of Sclerotinia homoeocarpa to iprodione, propiconazole, and thiophanate-methyl developed with repeated use in Tennessee and Mississippi report P. Bishop and associates at The University of Tennessee. (Crop Sci. 48:1615-1620, 2008)

The native structure of the Potato virus A genome-linked protein VPg, and probably that of potyviral VPg in general, resembles a disordered molten globule report K. I. Rantalainen and associates at the University of Helsinki, Finland; Russian Academy of Sciences; and Indiana University. (Virology 377:280-288, 2008)

Clubroot damage in Asian Brassica vegetables can be minimized by seeding in early spring and late summer in areas infested with Plasmodiophora brassicae report M. R. McDonald and S. M. Westerveld at the University of Guelph, Canada. (HortScience 43:1509-1513, 2008)

Pepper gene CaPIMP1 plays distinct roles in both resistance to Xanthomonas campestris and susceptibility to Hyaloperonospora parasitica report J. K. Hong and associates at Korea University, ROK; Seoul National Univerity, ROK; and University of Missouri. (Planta 228:485-497, 2008)

DNA-B components of Tomato yellow leaf curl Thailand virus are transreplicated by DNA-A components of viruses from Vietnam and Thailand in Nicotiana benthamiana and Solanum lycopersicum report R. Blawid and associates at Leibniz Universität Hannover, Germany, and RIFAV, Hanoi, Vietnam. (Virus Res. 136:107-117, 2008)

Saturated fatty acids (palmitic) had greater antifungal activity than unsaturated fatty acids (oleic) to four pathogens of tomato and cucumber and offer an approach to biocontrol report S. Liu and associates at Nankai University, Tianjin Normal University, and China Agricultural University, China. (Mycopathologia 166:93-102, 2008)

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