Focus

Compiled by Thor Kommedahl

Peanut seeds treated with Methylobacterium sp. induced systemic resistance to Aspergillus niger and Sclerotium rolfsii, report M. Madhaiyan and associates at Chungbuk National University, Republic of Korea, and Tamilnadu Agricultural University at Tamilnadu and Vellore, India. (Curr. Microbiol. 53:270-276, 2006)

A new species, Exobasidium racemosum, that causes shoot and leaf deformation on Rhododendron spp. in Yunnan Province, China, was reported by Z. Li and L. Guo at the Chinese Academy of Sciences, Beijing. (Mycotaxon 96:323-326, 2006)

PCR-based subtractive hybridization isolated sequences in Erwinia amylovora from apple and pear that were absent in three related strains specific to other hosts, report L. Triplett and associates at Michigan State University. (Appl. Environ. Microbiol. 72:7359-7364, 2006)

Rice black-streaked dwarf virus was found in maize showing maize rough dwarf symptoms, report F. Wang and associates at Shandong University and China Agricultural University, P.R. China. (Eur. J. Plant Pathol. 116:289-300, 2006)

Rice plants with root-knot nematode-to-root biomass ratios were yellowed between 1:138 and 1:121, moderately stunted between 1:115 and 1:60, and severely stunted between 1:43 and 1:20, report K. P. Singh and associates at Banares Hindu University, India. (J. Phytopathol. 154:676-682, 2006)

The great variability of Plasmopara viticola explains its successful infestation after 125 years' introduction into European vineyards, report D. Gobbin and associates at Swiss Federal Institute of Technology; IASMA, Italy; National Agricultural Research Foundation, Greece; and Australian National University. (Mol. Plant Pathol. 7:519-531, 2006)

Potato rough dwarf virus is a strain of Potato virus P within the genus Carlavirus, report C. Nisbet and associates at Scottish Agricultural Science Agency; INTA and Universidad de Mar del Plata, Argentina; EMBRAPA/CPACT, Brazil; and Station de Quarantaine Pomme de Terre, France. (Plant Pathol. 55:803-812, 2006)

Pyramiding dominant genes Xa7 and Xa21 improves resistance of hybrid rice to bacterial blight, report J. Zhang and associates at Huazhong Agricultural University, China, and Cornell University, NY. (Plant Breed. 125:600-605, 2006)

A Microbial Identification System differentiated isolates of three anastomosis groups of binucleate Rhizoctonia spp. associated with the strawberry black root rot complex, report M. Matsumoto of Kyushi University, and T. Yoshida of the Agricultural Development & Extension Center of Fukuoka, Japan. (J. Gen. Plant Pathol. 72:318-322, 2006)

Reverse transcription-PCR shows that genes algT, mucA, and mucB are transcribed as an operon in Pseudomonas syringae, report A. Schenk and associates at International University Bremen, Germany, and Oklahoma State University. (J. Bacteriol. 188:8013-8021, 2006)

Phytophthora foliorum is a new species found on 60 specimens of hybrid azalea leaves in California and Tennessee, report R. Donahoo and associates at University of Tennessee; California Department of Food and Agriculture; and the Scottish Crop Research Institute, UK. (Mycol. Res. 110:1309-1322, 2006)

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