

Focus

Compiled by Thor Kommedahl

The zym^{Dina} allele encodes a developmentally regulated resistance factor that restricts Zucchini yellow mosaic virus infection of cucumber, report Z. Ullah and R. Grumet of Michigan State University, East Lansing. (*Physiol. Mol. Plant Pathol.* 60:79-89, 2002)

The mycorrhizal ratio indicated that three chestnut coppices in central Italy were in good health and forest aging is one of the main factors affecting symbiotic fungi, report A. Lagana and associates at Università degli Studi di Siena, Siena, Italy. (*Cryptogam. Mycol.* 23:39-50, 2002)

Resistance to infection by Botrytis cinerea was induced by inoculating roots of Phaseolus vulgaris with Pseudomonas putida, report M. Ongena and associates at the Centre Wallon de Biologie Industrielle, Gembloux, Belgium. (*Eur. J. Plant Pathol.* 108:187-196, 2002)

The amino acid at position 129 of the Cucumber mosaic virus coat protein determines local symptoms and systemic movement in three host species, report T. Kobori and associates at Osaka Prefecture University, Sakai, Japan. (*J. Gen. Plant Pathol.* 68:81-88, 2002)

Glomus geosporum on corn roots can take up the pollutant phenanthrene from soil and accumulate it in spores and immobilize it in hyphae, report M. L. Gaspar and associates at the Instituto Spegazzini, and Instituto de Investigaciones Bioquímicas de La Plata, La Plata, Argentina. (*Mycorrhiza* 12:55-59, 2002)

Strains of Peridermium pini may have arisen as asexual or self-fertilizing host range mutants of Cronartium flaccidum, and genetically they resemble a single taxon according to J. Hantula and associates at Vantaa Research Centre and the Rovaniemi Research Station, Finland, and CNR, Firenze, Italy. (*Mycol. Res.* 106:203-209, 2002)

Chlorotic ring on African oil palm in South America is caused by a strain of Sugarcane mosaic virus according to F. J. Morales and associates at the International Centre for Tropical Agriculture, Cali, Colombia. (*J. Phytopathol.* 150:297-301, 2002)

A competitive multiplex polymerase chain reaction as a semi-quantitative assay to measure relative proportions of Globodera pallida and G. rostochiensis in a sample of potato cyst nematodes was developed by J. A. Bates and associates at NIAB, Cambridge, UK. (*Mol. Plant Pathol.* 3:153-161, 2002)

The white rot fungus Trametes trogii produces high titers of lignin-modifying enzymes, especially laccase, which can be stimulated by adding copper, report L. Levin and associates at the University of Buenos Aires, Argentina. (*Mycologia* 94:377-383, 2002)

Fifteen species in 10 genera of nematodes were found on peanut in Turkey for the first time, report I. Kepenekci and G. Öztürk at the Plant Protection Central Research Institute, Ankara, Turkey. (*Phytoparasitica* 30:288-289, 2002)

Exposure of pears to allyl-isothiocyanate for 24 hours (5 mg L⁻¹) controlled postharvest blue mold; moreover, production of this chemical from sinigrin or from Brassica juncea defatted meal may be a viable alternative to synthetic fungicides, report M. Mari and associates at CRIOF, and MiPAF Bologna, Italy. (*Plant Pathol.* 51:231-236, 2002)