

# **Focus**

Compiled by Thor Kommedahl

---

Salicylic acid induces systemic resistance elicited by plant growth-promoting rhizobacteria in tobacco to blue mold, report S. Zhang and associates at Auburn University, Auburn, Alabama. (Biol. Control 25:288-296, 2002)

Bromegrass rust reaction and lignin are negatively associated; thus lignin is an important rust resistance mechanism, report N. J. Delgado and associates at Centro Nacional de Investigaciones Agropecuarias, Acarigua, Venezuela, University of Wisconsin and University of Minnesota. (Crop Sci. 42:1824-1831, 2002)

Soil populations of Helicotylenchus dihystera were positively, and Meloidogyne spp. negatively, correlated with sugar cane yield, report P. Cadet and associates at the South African Sugar Association Experiment Station, Mount Edgecombe, and Union Cooperative Ltd., Dalton, South Africa. (Plant Soil 246:259-271, 2002)

From nine orchids in Puerto Rico, 108 Rhizoctonia-like fungi were isolated to be either uninucleate (first report as orchid endophyte) or binucleate, report J. T. Otero and associates at the University of Puerto Rico, San Juan. (Am. J. Bot. 89:1852-1858, 2002)

Carboxylic acid anhydrides applied to Corsican pine sapwood protected wood against Coniophora puteana, report A. N. Papadopoulos and C. S. S. Hill at the University of Wales, Bangor, UK. (Eur. J. Wood Wood Prod. 60:329-332, 2002)

Severity of blackleg disease in canola increased in summer with a resistant cultivar but was unchanged for a susceptible cultivar (inoculum concentration had no effect), report V. K. Bansal and associates at the University of Alberta, Edmonton, Canada. (Can. J. Plant Pathol. 24:323-326, 2002)

Ethylene emission from tomato infected with Botrytis cinerea is synchronized with fungus growth rate inside tomatoes and not triggered by ethylene from the fungus, report S. M. Cristescu and associates at the University of Nijmegen, The Netherlands, and ENEA, UTS Biotechnology, Rome, Italy. (Appl. Environ. Microbiol. 68:5342-5350, 2002)

Colonization of corn roots by Glomus mosseae can alleviate deleterious effects of NaCl stress according to G. Feng and associates at China Agricultural University, Beijing, and Academia Sinica, Urumqi, P.R. China; and The University of Western Australia, Nedlands. (Mycorrhiza 12:185-190, 2002)

Little leaf is a new disease on fennel caused by a phytoplasma in India, report A. Samad and associates at Central Institute for Medicinal and Aromatic Plants, Lucknow, India. (J. Plant Dis. Prot. 109:506-511, 2002)

Greater vegetative development, yield, and superior bulb classification were shown in virus-free than in virus-infected garlic clones by T. V. M. Fajardo and associates at Embrapa Uva e Vinho, Embrapa Hortalicas, and the Universidade de Brasilia, Brazil. (Summa Phytopathol. 28:207-210, 2002)

Grasses were better hosts than pasture legumes for Pratylenchus neglectus and P. thornei, and Medicago minima reduced density of P. thornei after 3 months, in a survey of pastures in Granada, Spain, report M. Talavera and A. Navas, CSIC, Madrid, Spain. (Nematology 4:541-552, 2002)