

Genome-linked protein-proteinase (NiA) genes in tobacco offer protection against virus infection, and multiple NiA genes can protect plants from more than one potyvirus, report J. P. Fellers and associates at North Carolina State University, Raleigh, and the University of Kentucky, Lexington. (Crop Sci. 38:1309-1319, 1998)

Thiarubrine C extracted from roots of Rudbeckia hirta was nematocidal to Meloidogyne incognita and Pratylenchus penetrans, and comparable to other nematocides of natural origin, according to S. Sánchez de Viala and associates at Cornell University and the USDA, in Ithaca, New York. (J. Nematol. 30:192-200, 1998)

Inoculating detached pods of common bean with Xanthomonas phaseoli gave reactions similar to inoculating attached pods, report H. M. Ariyaratne and associates at the University of Nebraska, Lincoln. (J. Amer. Soc. Hortic. Sci. 123:864-867, 1998)

The positive effect of arbuscular mycorrhizae on growth of Hypericum perforatum seedlings in the field is attributed to their greater tolerance to stress rather than to greater competitive ability, report M. Moora and M. Zobel of Tartu University, Tartu, Estonia. (Can. J. Bot. 76:613-619, 1998)

Pinus thunbergiana was the most resistant pine to pitch canker, followed by P. canariensis, P. pinea, and P. halepensis, while P. radiata was extremely susceptible, according to T. R. Gordon and associates at the University of California, Davis and Berkeley. (HortScience 33:868-871, 1998)

Inoculating tomato plants with Pseudomonas sp. strain PsJN reduced severity of Verticillium wilt, and increased root and shoot biomass and plant height, report V. K. Sharma and J. Nowak of Nova Scotia Agricultural College, Truro, Canada. (Can. J. Microbiol. 44:528-536, 1998)

Resistance of rice (cultivar IR26) to rice tungro spherical virus is both virus- and vector-dependent, report P. Q. Cabauatan and O. Azzam of the International Rice Research Institute, Manila, Philippines. (Int. Rice Res. Notes 23[2]: 24-25, 1998)

Systemic resistance of Cucumis figarei to at least three strains of cucumis mosaic virus breaks down at elevated temperatures, report H. Saitoh and associates at Osaka Prefecture University, Sakai, Japan. (Ann. Phytopathol. Soc. Jpn. 64:194-197, 1998)

European stone fruit yellows phytoplasma persists in aerial stems of Prunus spp. in the dormant season, report F. Seemüller and associates at the Institut für Pflanzenschutz im Obstbau, Dossenheim, Germany. (J. Phytopathol. 146:407-410, 1998)

Agrobacterium tumefaciens (a prokaryote) can transform its T-DNA to Aspergillus awamori (a filamentous fungus), report M. J. A. de Groot and associates at the Unilever Research Laboratory, Vlaardingen, and Leiden University, Leiden, The Netherlands. (Nature Biotechnol. 16:839-842, 1998)

Oat susceptibility to an avirulent pathotype of Puccinia graminis f. sp. avenae was induced by the presence of virulent pathotypes of P. coronata f. sp. avenae, not dependent on time or order of inoculation, report K. N. Adhikari and R. A. McIntosh, the University of Sydney, Camden, NSW, Australia. (Plant Pathol. 47:420-426, 1998)