The Cowpea mosaic virus (CPMV)-mediated concurrent protection is elicited in CPMV-resistant cowpea by a CPMV RNA-1-encoded factor that reduces accumulation or spread of the virus and of coinoculated challenging viruses, according to G. Bruening and associates at the University of California, Davis. (Virology 266:299-309, 2000)

Velvetbean in a cropping system alters microbial communities in the rhizosphere and soil to control root-knot nematodes by inducing soil suppressiveness, report R. Vargas-Ayala and associates at the University of Puerto Rico, Rio Piedras, and at Auburn University, Alabama. (Biol. Control 17:11-22, 2000)

Of 141 isolates of Phytophthora infestans examined in Norway and Finland, 76 multilocus genotypes were identified by M. B. Brurberg and associates at The Norwegian Crop Research Institute in Ås, Norway, and the Agricultural Research Center in Jokioinen, Finland. (Mycol. Res. 103:1609-1615, 1999)


Species of Xanthomonas, Sphingobacterium, Enterobacter, and Erwinia each increased the pathogenicity of Stagonospora nodorum on wheat, possibly by lipase production, report F. M. Dewey and associates at the University of Oxford, and Plant Breeding International in Cambridge, UK. (New Phytop. 144:489-497, 1999)

The Bacillus subtilis strain BACT-0 increased growth, fruit yield, and fruit number of cucumber plants infected with Pythium aphanidermatum in near-commercial greenhouses, report R. S. Utkhede and associates at Agriculture and AgriFood Canada, Agassiz, BC, Canada. (Can. J. Plant Pathol. 21:265-271, 1999)

Populations of Leptosphaeria maculans from Poland consist of non-aggressive species while those from Western Europe, Canada, and Australia consist of aggressive species in causing blackleg of rape, report M. Jedryczka and associates at the Polish Academy of Sciences, Poznan, and INRA, Versailles Cedex, France. (Eur. J. Plant Pathol. 105:813-823, 1999)

A new, highly virulent variant of Potato virus Y (PVY") causing potato tuber necrotic ringspot disease was distinguished from PVY" by measuring differences in electrophoretic mobility of their corresponding RNA transcripts, report A. Rosner and L. Maslenin of The Volcani Center, Bet Dagen, Israel. (J. Phytopathol. 147:661-664, 1999)

Phomopsis amygdali on almond in Europe is the same fungus as that on peach in the U.S., but the Phomopsis sp. on plum and Asian pear in the U.S. is different from P. amygdali, according to D. F. Farr and associates at the USDA Agricultural Research Service, Beltsville, Maryland. (Mycologia 91:1008-1015, 1999)


Cultivars of cucumber resistant to the root-knot nematode in the greenhouse also proved resistant in the field, report S. A. Walters and associates at Southern Illinois University, Carbondale, and North Carolina State University, Raleigh. (Nematology 1:279-284, 1999)