

Treating seeds with Rhizobium leguminosarum controlled Pythium damping-off of pea and lentil and increased nodulation, biomass, and yield, report H.C. Huang and R.S. Erickson of Agriculture and Agri-Food Canada, Lethbridge. (J. Phytopathol. 155:31-37, 2007)

Progeny of 3 crosses of susceptible with resistant and moderately resistant wheats segregated as 3R:13S, while a cross with one wheat segregated as 1R:15S in resistance to tan spot, report E. Duveiller and associates at CIMMYT, Mexico; and Institute of Agriculture and Animal Science, Nepal. (Field Crops Res. 101:62-67, 2007)

The protein of Tomato yellow leaf curl geminivirus (Israeli isolate) is associated with cytoplasmic strands and inclusion bodies in cell cortex, and it suppresses RNA silencing, report A. Zrachya and associates at the Volcani Center, Israel, and State University of New York, Stony Brook. (Virology 358:159-165)

One of 8 quantitative trait loci gave rubber tree partial resistance to Microcyclus ulei (one isolate can bypass polygenic resistance) report V. LeGuen and associates at CIRAD in France and French Guiana; Syngenta Seeds, France; Universidade Estadual de Santa Cruz and Plantacões Michelin da Bahia, Brazil. (New Phytol. 173:335-345, 2007)

Cucumber mosaic virus on tobacco, soybean, and arabidopsis is a vector for producing pharmaceutical proteins, report K. Matsuo and associates at the National Institute of Advanced Science and Technology, Hokkaido University, and Hokkai Sankyo Corp., Japan. (Planta 225:277-286, 2007)

Differences in ascospore morphology between Types A and B of Gremmeniella abietina are too small to warrant separate speciation, report A. Uotila and associates at Helsinki University, Finnish Forestry Research Institute at Vantaa and Rovaniemi, Finland. (For. Pathol. 36:395-405, 2006)

Juvenile mortality in Meloidogyne spp. on tomato exceeded 97% and egg hatch exceeded 94% when soil was drenched with 4.2% methylene bistiocyanate at 1.25 mg a.i./L report Z.-Q. Qi and associates at Nanjing Agriculture University and Shenyang Agricultural University, P.R. China. (Australas. Plant Pathol. 35:733-737, 2006)

Rhizobium etli engineered to produce phenazine inhibits Botrytis cinerea and Fusarium oxysporum on black bean, but with brownish Fix nodules, report H. B. Krishnan and associates at USDA-ARS and University of Missouri, and Chonnam National University, South Korea. (Appl. Environ. Microbiol. 73:327-330, 2007)

Fusarium head blight incidence and leaf spot severity in spring wheat were minimized by early planting combined with adequate starter nitrogen, report K.D. Sunedi and associates at Agriculture and Agri-Food Canada, Ottawa. (Agron. J. 99:113-121, 2007)

An extracytoplasmic-function sigma factor in Xylella fastidiosa active in heat shock responses also regulates the gene encoding its putative anti-sigma factor, report J.F. da Silva Neto and associates at the University of São Paulo, Brazil. (J. Bacteriol. 189:551-560, 2007)

Apple chlorotic leaf spot virus protein favors systemic silencing in upper leaves of tobacco without interfering with local silencing, probably by restraining movement of silencing signals, report H. Yaegashi and associates at Iwate University, Kyoto Prefectural Institute, and University of Osaka Prefecture, Japan. (J. Gen Virol. 88:316-324, 2007)