

The average nucleotide diversity of the rice blast resistance gene Pi36 was -4.5%, and 186 gene conversion events were identified report X.-Q. Liu and associates at South-Central University of Nationalities, and South China Agricultural University, China. (Int. J. Plant Sci. 171:235-243, 2010)

Of 12 Fusarium spp. isolated from vanilla, F. oxysporum was predominant and the only species to cause stem rot report A. G. Pinaria and associates at the University of Sydney and Botanic Gardens Trust, Australia. (Australas. Plant Pathol. 39:176-183, 2010)

Arabidopsis proteins MPK4, HSP90, RIN4 are linked for the benefit of Pseudomonas syringae effector protein AvrB, which is activated to enhance host susceptibility report H. Cui and associates at Chinese Academy Sciences, Beijing Normal University, National Institute Biological Sciences, Xinjiang University, China; and Indiana University. (Cell Host Microbe 7:164-175, 2010)

Dry bean cultivars Aporé and Quro Negro and snap bean cultivar Macarrao Atibaia in breeding programs provide resistance to root-knot nematodes report S. Ferreira and associates at Universidade Federal de Lavras, Brazil. (HortScience 45:320-322, 2010)

Ectopic expression of the Beet curly top virus C4 protein in Arabidopsis thaliana alters plant development possibly by disrupting multiple hormonal pathways report K. Mills-Lujan and C. M. Deom at University of Georgia. (Protoplasma 239:95-110, 2010)

Cotton seed treated with Pseudomonas and Serratia spp. can control Verticillium wilt and improve plant growth in the field report O. Erdogan and K. Benlioglu at Cotton Research Institute and Adnan Menderes University, Turkey. (Biol. Control 53:39-45, 2010)

Of 253 soybean accessions, 21 were resistant to all strains of Soybean mosaic virus tested report D. Li and associates at Northwest University of Agriculture and Forestry, PR China; University of Arkansas; and Purdue University. (Crop Sci. 50:649-655, 2010)

Banana fruits in bunches with six hands removed (two hands remaining) were less susceptible to crown rot than fruits from bunches with eight hands report L. Lassois and associates at University Liege, Belgium; CIRAD and UMN INRA, France; Universidade Sao Paulo, Brazil; and CARBAP, Cameroon. (Ann. Appl. Biol. 156:221-229, 2010)

Pepper leaf curl Lahore virus, a new virus on Capsicum spp., is a likely recombination between Papaya leaf curl virus and Chili leaf curl virus report M. T. S. Halder and R. W. Briddon at University of Punjab and National Institute for Biotechnology and Genetic Engineering, Pakistan. (Virus Res. 149:109-114, 2010)

The broad spectrum gene WRR4 from arabidopsis confers white rust resistance in oilseed and vegetable brassica crops report M. H. Borhan and associates at Agriculture and Agri-Food Canada, Saskatoon, and University of Warwick, UK. (Mol. Plant Pathol. 11:283-291, 2010)

All 22 species and 59 cultivars of Rhododendron were susceptible to Phytophthora ramorum for wounded but not nonwounded leaves over 3 years report D. Dobbelaere and associates at ILVO, Ghent University, and Institute Tropical Medicine Prince Leopold, Belgium. (Plant Pathol. 59:301-312, 2010)