

Mutations in Ralstonia solanacearum bring about evolutionary changes leading to symbiosis in legumes report M. Marchetti and associates at LIPM, CNRS-INRA, CNRS-UMR, Université de Toulouse, France. (PLoS Biol. 8:e1000280, 2010)

Pulverized fruit of Melia azedarach at doses greater than 0.08% were nematocidal to Meloidogyne incognita report N. G. Ntalli and associates at University of Thessaloniki and Agricultural University of Athens, Greece. (Ann. Appl. Biol. 156:309-317, 2010)

Tolerance to Potato virus Y in Nicotiana africana was transferred to Nicotiana tabacum by two backcrosses with cv. BP-210 reports T. Doroszevska at the Institute Soil Science and Plant Cultivation-State Research Institute, Poland. (Plant Breed. 129:76-81, 2010)

Copper stress in Capsicum annuum induces defense mechanisms that partially explain tolerance to Verticillium wilt report J. Chmielowska and associates at Universidade da Coruña, Spain. (Plant Sci. 178:176-182, 2010)

Gaeumannomyces graminis var. tritici was divided into two main genetic groups, which was confirmed by phylogenetic analysis, report S. Daval and associates at INRA, Université Rennes, France. (Plant Pathol. 59:165-178, 2010)

A silicon dioxide matrix-based DNA purification protocol offers an easy, efficient, and economical way to extract DNA from Agrobacterium tumefaciens and other organisms report J.-F. Li and associates at Harvard University. (Plant Methods 6:1, 2010)

A crop rotation with paddy rice for 3 years, green manure for 1 year, and strawberry nursery for 1 year controlled Verticillium dahliae on strawberry report Y. Ebihara and associates at the Southern Horticultural Institute and the Awa Agricultural Extension Center, Chiba, Japan. (J. Gen. Plant Pathol. 76:7-20, 2010)

Allelic elF4E is associated with a major component of potyvirus resistance in bc-3 genotypes of Phaseolus vulgaris report M. Naderpour and associates at University of Aarhus and University of Copenhagen, Denmark; Seed and Plant Certification Research Institute, Iran; and USDA-ARS, Prosser, WA. (Mol. Plant Pathol. 11:255-263, 2010)

Combining high rates of nitrogen and potassium in soil can reduce intensity of brown spot (Bipolaris oryzae) in rice while improving plant development report M. P. Carvalho and associates at Viçosa Federal University, Brazil. (J. Phytopathol. 158:160-166, 2010)

Turnip mosaic virus was transferred from Brassica rapa to Raphanus sativus, and the transfer created differences in nucleotide and encoded amino acids in the consensus genomes report K. Ohshima and associates at Saga University, Japan. (J. Gen. Virol. 91:788-801, 2010)

Abundant conidia of Diplodia pinea were obtained from cones of Pinus resinosa even 3 years after maturation report I. A. Munck and G. R. Stanosz at the University of Wisconsin, Madison. (For. Pathol. 40:58-63, 2010)