

Nodulation during vegetative stages does not affect soybean susceptibility to red rot, report J. Tazawa and associates at the National Agricultural Research Center (Tsukuba and Hokkaido), National Institute of Crop Science, and Japan International Research Center for Agricultural Sciences, Japan. (J. Gen. Plant Pathol. 73:180-184, 2007)

Data Unification and Distillation Engine (DUDE) is a system for storage and retrieval of historical crop performance data developed by W. Yan and N. A. Tinker at Agriculture and Agri-Food Canada, Ottawa. (Agron. J. 99:1029-1033, 2007)

Infection with Tobacco mosaic virus affects miRNA balance suggesting that virus exploits miRNA pathways during pathogenesis, report A. A. Bazzini and associates at Instituto Nacional de Tecnología Agropecuaria Castelar, Argentina, and Danforth Plant Science Center, Missouri. (Proc. Natl. Acad. Sci. USA 104:12157-12162, 2007)

Molecular markers associated with a major root-knot resistance gene in cotton aid in marker-assisted selection for resistance, report C. Niu and associates at New Mexico State University, USDA-ARS (New Orleans), Cotton Inc. (NC), and University of California (Riverside). Crop Sci. 47:951-960, 2007)

Pseudomonas syringae evolved twice to infect hazelnut in Greece and Italy, report P. W. Wang and associates at University of Toronto, Canada, and CRA Istituto Sperimentale per la Frutticoltura, Rome, Italy, based on analyzing 22 hazelnut strains. (Microbiology 153:2067-2073, 2007)

Abutilon mosaic virus DNA B supports mechanical transmission without counteracting begomoviral phloem limitation in transgenic plants of Nicotiana benthamiana, report C. Wege and D. Pohl at Universität Stuttgart, Germany. (Virology 365:173-186, 2007)

Blue and gray mold decay of stored pome fruits were controlled by fumigation with hexanal (2-4 mg per liter), report P. L. Sholberg and P. Randall at Agriculture and Agri-Food Canada, British Columbia. (HortScience 42:429-748, 2007)

Root and butt rot of Abies sachalinensis was determined molecularly in Hokkaido, Japan by S. Tokuda and associates at the Hokkaido Forestry Research Institute and the Forestry and Forest Products Research Institute (Tsukuba), Japan. (For. Pathol. 37:155-166, 2007)

A ligase from Pseudomonas syringae (AvrPtoB E3) interacts with host kinase Fen promoting its degradation to make tomato more susceptible and so thwart its resistance mechanism, report T. R. Rosebrock and associates at Boyce Thompson Institute and Cornell University, New York. (Nature 448:370-374, 2007)

Resistance of Phaseolus coccineus to Bean golden yellow mosaic virus is controlled by two different genes for resistance, report J. M. Osorno and associates at North Dakota State University, University of Puerto Rico, University of Florida, USDA-ARS-IAREC (WA), and Syngenta Seeds, Inc. (FL). (J. Am. Soc. Hortic. Sci. 132:439-571, 2007)

Percentage of wheat crops with yellow rust decreased with resistance ratings of 3 or greater, frost (<-5°C), systemic seed treatment, and foliar fungicide application, report P. Gladders and associates at ADAS Boxworth, Wolverhampton, and High Mowthorpe; and Central Science Laboratory, York, UK. (Ann. Appl. Biol. 150:371-382, 2007)