

Haplotypes in Phytophthora infestans in USA and Ireland were derived from ancestral lineages in South America, not Mexico, report L. Gómex-Alpizar and associates at North Carolina State University. (Proc. Natl. Acad. Sci. USA 104:3306-3311, 2007)

Turnip crinkle virus infection reduces ability of turnip mitochondria to supply adenosine 5'-triphosphate to the cell, to account for symptoms, report J. A. Blake and associates at the University of Nebraska. (Physiol. Plant. 129:698-706, 2007)

Ten polymorphic microsatellite markers for Cylindrocladium pauciramosum, pathogenic to eucalypts, were developed by L. P. Wright and associates at University of Pretoria, South Africa, and Centraalbureau voor Schimmelcultures, Netherlands. (Mol. Ecol. Notes 7:343-345, 2007)

To control avocado root rot, soil solarization inactivated mycelium after 1-2 hours at 38°C, but all propagules at 40°C, if chlamydospores of Phytophthora cinnamomi were present, report L. Gallo and associates at ICIA, Consejería de Agricultura, and Universidad de la Laguna, Tenerife, Spain. (Ann. Appl. Biol. 150:65-73, 2007)

Kernel smut incidence and severity were significantly (weakly) correlated with seeding date of rice, report N. A. Slaton and associates at the University of Arkansas, Fayetteville, and Rice Research & Extension Center, Stuttgart, AR. (Agron. J. 99:521-529, 2007)

A semi-selective medium (soy broth, fluorouracil, novobiocin, propiconazole, agar) for isolating Acidovorax valerianellae (black spot of corn-salad) in soil and debris was developed by C. Grondeau and associates at INRA, France. (Plant Pathol. 56:302-310, 2007)

Of proteins in xylem of Fusarium oxysporum-infected tomato plants, 21 were tomato proteins, 7 were fungal proteins, and 13 were specific for infected plants, report P. M. Houterman and associates at University of Amsterdam and the Academic Medical Center, Netherlands. (Mol. Plant Pathol. 8:215-221, 2007)

The phaseolotoxin cluster in Pseudomonas syringae comprises 23 genes, and mutation of 14 of these genes leads to Tox⁻ phenotype for 11 of them, report S. Aguilera and associates at IPN Unidad Irapuato, Mexico; National University of Colombia; and Public University of Navarra, Spain. (J. Bacteriol. 189:2834-2843, 2007)

A putative DNS-binding domain in Tomato yellow leaf curl Thailand virus is located at the N-terminal 1-62 amine residues of the coat protein report C. Pitaksuthheepong and associates at BIOTEC and Kasetsart University, Thailand. (J. Gen. Plant Pathol. 73:72-75, 2007)

Xylella fastidiosa with types I and IV pili (present in wild-type isolates) play different roles in twitching motility, biofilm formation, and cell-cell aggregation, report Y. Li and associates at Cornell University, Ithaca and Geneva. (Microbiology 153:719-726, 2007)

By preventing spore infection of spruce stumps, decay frequency from Heterobasidion parviporum will not likely increase in successive generations, report T. Piu and K. Korhonen of the Finnish Forest Research Institute, Vantaa. (For. Pathol. 37:1-8, 2007)