

Focus

Compiled by Thor Kommedahl

Genetic and phenotypic classifications in the graminaceous cyst nematode complex agreed using a multivariate analysis applied to morphometrics of juveniles and cysts report R. Rivoal and associates at UMR INRA/ENSAR, Le Rheu, France, and University of Illinois, Urbana. (Eur. J. Plant Pathol. 109:227-241, 2003)

Either imbalanced tree nutrition or infection by Sirococcus conigenus that affected needle nutrient content causes or influences shoot blight in Norway spruce, report H. Anglberger and associates at the University of Agricultural Sciences, Vienna, Austria. (For. Pathol. 33:21-29, 2003)

Ten newly identified genes and earlier identified fumonisin genes comprise a fumonisin biosynthetic gene cluster in Gibberella moniliformis, report R. H. Proctor and associates at the USDA National Center for Agricultural Research, Peoria, Illinois. (Fungal Genet. Biol. 38:237-249, 2003)

Coat protein gene sequences of Mirafiori lettuce virus and Citrus psorosis virus are similar, report Y. Kawazu and associates at National Institute Vegetable and Tea Science, Mie; National Agricultural Research Center (Western), Kagawa; Toyami Agricultural Research Center; and Utsunomiya University, Japan. (J. Gen. Plant Pathol. 69:55-60, 2003)

DNA of lethal yellowing phytoplasma was detected in 13 of 72 embryos from diseased coconuts, report I. Cordova and associates at Rothamsted Research, Harpenden, UK; University of Florida, Fort Lauderdale; and Centro de Investigación Científica de Yucatan, Merido, Mexico. (Mol. Plant Pathol. 4:99-108, 2003)

Properties of Tomato yellow leaf curl Tanzania virus are similar to those of Tomato yellow leaf curl Sardinia virus according to B. D. Kashina and associates at Sokoine University of Agriculture, Morogoro, Tanzania, and Agricultural Research Institute, Mikocheni, Tanzania. (Phytoparasitica 31:188-199, 2003)

A mycorrhiza helper bacterium (Pseudomonas monteili) enhances ecto- and endomycorrhizal symbiosis on Australian acacia according to R. Duponnois and C. Plenquette of IRD, UR"IBIS" Ouagadougou, Burkina Faso, and INRA, UR, Dijon, France. (Mycorrhiza 13:85-91, 2003)

A novel synthetic glycoside combined with amines protected tomato against Phytophthora citrophthora and Alternaria solani, report V. Flors and associates at Universitat Jaume, Castellón, and Universitat de València, València, Spain. (Planta 216:929-938, 2003)

Low soil water potential facilitates convergence of compatible haploid strains in Sporisorium reilianum on corn roots, which may increase disease severity according to C. Martinez and associates at UMR UPS/CNRS, Castanet-Tolosan, France. (Plant Soil 251:65-71, 2003)

Lines of wheat and rye with low deoxynivalenol content are obtained by selecting for low Fusarium head blight severity as early as the F₃ generation, report T. Miedaner and associates at the University of Hohenheim, Stuttgart, Germany. (Crop Sci. 43:519-529, 2003)

The Vr-ERE gene in transformed grape enhances resistance to eutypine, a toxin from Eutypa lata, report V. Legrand and associates at UMR INRA/INP-ENSAT, Castanet-Tolosan, and UMR AGRO-M/CIRAD/INRA/IRD, Montpellier, France. (Plant Sci. 164:809-814, 2003)