

Dipping fruits cured at 33°C for 65 hours in sodium carbonate solution (20 g/L) for 2.5 minutes reduced green and blue mold incidence for long-term storage at 4°C for orange and 10°C for lemon, report P. Plaza and associates at CeRTA, Catalonia, Spain, and at USDA-ARS, Parlier, California. (Pest Manag. Sci. 60:815-821)

A database (FUSARIUM-ID v. 1.0) of partial translation elongation factor 1-alpha DNA sequences was created for Type-B trichothecene toxin producers and 3 other species complexes, accessible at <http://fusarium.cbio.psu.edu>, by D. M. Geiser and associates at Pennsylvania State University and USDA-ARS, Peoria, Illinois. (Eur. J. Plant Pathol. 110:473-479, 2004)

Purified recombinant replicase from Cucumber necrosis virus was highly active and template dependent to aid studies on RNA replication, report Z. Panaviene and associates at the University of Kentucky. (J. Virol. 78:8254-8263, 2004)

Increased shoot growth of hemiparasite Rhinanthus and decreased shoot growth of host Hordeum after infection was related to high nitrogen and phosphorus in the parasite and their deficiency in the host (extraction from xylem) report F. Jiang and associates, Julius von Sachs Institute, Würzburg, Germany. (Funct. Plant Biol. 3:633-643, 2004)

Percentage of vessels in petioles colonized by Xylella fastidiosa was correlated with disease symptom severity in coffee and plum but not in citrus, report E. Alves and associates at Federal University of Lavras, ESALQ-University of Sao Paulo, Brazil; and Florida A&M University, Tallahassee. (J. Phytopathol. 152:291-297, 2004)

Clonal variation in agronomic traits was minor in Beauregard sweetpotato but variation in yield, canopy, and root color resulted from infection with Sweet potato feathery mottle virus, report H. W. Carroll and associates at Louisiana State University, Baton Rouge and Chase. (Int. J. Pest Manag. 50:101-106, 2004)

Percentages in seedlots of oak acorns infected with Ciboria batschiana can be determined in 1-2 weeks by methods devised by T. Schröder and associates at the Federal Biological Research Centre, Braunschweig, Germany; Research Station Uherské, Czech Republic; and Consultant in Victoria, Canada. (For. Pathol. 34:187-196, 2004)

Synthetic hexaploid wheat lines resistant to Pratylenchus thornei are available in breeding resistant wheats, report R. S. Zwart and associates at Agency for Food and Fibre Sciences, Toowoomba, and University of Queensland, Australia. (Plant Breed. 123:209-212, 2004)

Culturing on solid media is superior to culturing by serial dilution in isolating representative bacterial phyla from soil according to L. Schoenborn and associates at the University of Melbourne, Australia, and the University of California, Berkeley. (Appl. Environ. Microbiol. 70:4363-4366, 2004)

Single-chain antibodies for a viral RNA-dependent RNA polymerase confers resistance to 3 plant viruses in the Tombusviridae, report K. Boonrod and associates at Centrum Grüne Gentechnik, Neustadt; Johannes Gutenberg Universität Mainz; IPK, Gatersleben, Germany; and University of Kentucky. (Nature Biotechnol. 22:856-862, 2004)

Type 2 strains of Erwinia carotovora on mulberry, distinct from other soft rot bacteria, were reported by S.-T. Seo and associates at National Institute for Agro-Environmental Sciences, and the National Institute for Agrobiological Sciences, Tsukuba, Japan. (J. Gen. Plant Pathol. 70:120-123, 2004)