

Focus

Compiled by Thor Kommedahl

Geniculodendron pyriforme was found in imported seeds of Picea sitchensis, P. engelmannii, Abies grandis, and A. concolor by T. Schröder and associates at Georg-August-University, Göttingen, and Federal Biological Research Centre for Agriculture and Forestry, Braunschweig, Germany. (For. Pathol. 32:225-230, 2002)

Rice sheath rot found in Siniloan, Philippines, resembles bacterial sheath brown rot, but the causal bacteria differ serologically from Pseudomonas fuscovaginae according to B. Cottyn, International Rice Research Institute, Las Baños, Philippines. (Int. Rice Res. Notes 27[1]:39-40, 2002)

Aluminum chloride and 3 sodium salts can control postharvest dry rot of potato caused by Fusarium sambucinum, report M. R. Mecteau and associates at Université Laval, Quebec, Canada. (Mycol. Res. 106:688-696, 2002)

Binding of protonated cytosines in the coat protein of Turnip yellow mosaic virus represents a new motif in RNA-protein interactions according to H. H. J. Bink and associates at Leiden University and the Leiden University Medical Center, The Netherlands. (Proc. Natl. Acad. Sci. USA 99:13465-13470, 2002)

Colletotrichum coccodes attacks velvetweed and causes minor symptoms but can be made 9 times more effective as a pathogen by encoding it with a plant toxic protein, report Z. Amsellem and associates at the Weizmann Institute of Science in Rehovot, Israel. (Nature Biotechnol. 20:1035-1039, 2002)

Pepper plants with homozygous L³ genes may promote Pepper mild mottle virus strains that overcome L³ mediated resistance, report H. Hamada and associates at Kochi University, Kochi Agricultural Research Center, Nankoku; National Agricultural Research Center, Tsukuba; and Kyoto University, Japan. (J. Gen. Plant Pathol. 68:155-162, 2002)

Virulence to wheat by Fusarium graminearum was reduced in the absence of trichothecene production, making it possible to breed for toxin resistance, report R. H. Proctor and associates at the National Center for Agricultural Utilization Research, USDA, Peoria, Illinois. (Eur. J. Plant Pathol. 108:691-698, 2002)

Crotalaria juncea, as an intercycle cover crop in pineapple fields, can suppress Rotylenchulus reniformis as efficiently as 1,3-D according to K.-H. Wang and associates at University of Hawaii, Honolulu, and University of Florida, Gainesville. (J. Nematol. 34:106-114, 2002)

Methyltransferase-like domains of RNAs 1 of Alfalfa mosaic virus has replication-associated functions needed for negative-strand RNA synthesis according to A. C. Vlot and associates at Leiden University, The Netherlands. (J. Virol. 76:11321-11328, 2002)

The first report of a specific chaperone in the type III secretion system of a plant pathogenic bacterium was shown with Erwinia amylovora by S. Gaudriault and associates at INRA/INA-PG/Université Paris and INRA at Veaucouzé, France. (Mol. Plant Pathol. 3:313-320, 2002)

Potato latent virus is a new Carlavirus species proposed by C. Brattey and associates at Scottish Agricultural Science Agency, Edinburgh; University of Leicester and University of Bristol, UK; and the Canadian Food Inspection Agency, Napean, Ontario, Canada. (Plant Pathol. 51:495-505, 2002)