Focus

Compiled by Thor Kommedahl

Albugo candida commonly exists as a systemic, asymptomatic parasite in Lepidium campestre, Arabis lyrata, and Erysimum menziesii, according to D. J. Jacobson and associates at Michigan State University, East Lansing, and the University of Oulu, Oulu, Finland. (Can. J. Bot. 76:739-750, 1998)

A line of Lycopersicon esculentum with resistance (controlled by a single gene) to tomato spotted wilt virus introgressed from L. peruvianum was developed by S. Roselló and associates at the Universidad Politécnica de Valencia, Valencia, Spain. (Eur. J. Plant Pathol. 104:499-509, 1998)

A new collar rot and root rot disease of chickpea in Turkey caused by Cylindrocarpon tonkinense was described by F. S. Dolar of Ankara University, Ankara, Turkey, and H. I. Nirenberg, Federal Biological Research Centre for Agriculture and Forestry, Berlin. (J. Phytopathol. 146:521-523, 1998)

A new species, Meloidogyne duytsi, producing galls on Elymus farctus and Ammophila arenaria, used to stabilize sand dunes along the Dutch coast, was reported by G. Karssen and associates at the Plant Protection Service and Wageningen Agricultural University, Wageningen, and the Netherlands Institute of Ecology, Heteren, The Netherlands. (Fundam. Appl. Nematol. 21:299-306, 1998)

Pectin degradation is a primary event in host cell breakdown in chocolate spot of broad bean, caused by Botrytis fabae, according to L. Cole and associates at Oxford Brooks University, and the University of Oxford, Oxford. (New Phytol. 139: 611-622, 1998)

Proliferation of, and factors affecting, intraradical hyphae of Glomus fistulosum on corn were shown by M. Gryndler and associates at the Academy of Sciences of the Czech Republic, in Praha and Přáuhonice, Czech Republic. (Mycol. Res. 102:1067-1073, 1998)

Streptomycin-resistant strains of Erwinia amylovora were recovered from flowers and infected branches of pear, apple, loquat, and quince in 18 orchards in Israel, report S. Manulis and associates at The Volcani Center, Bet Dagan, and the Ministry of Agriculture, Tel Aviv, Israel. (Phytoparasitica 26:223-230, 1998)

The uptake and transport of Fe from labeled soil by sorghum, but not peanut, was enhanced by the presence of Glomus mosseae, report C. Caris and associates at the Universität Hohenheim, Stuttgart, Germany. (Mycorrhiza 8:35-39, 1998)

A host-specific toxin is released by germinating spores of Alternaria brassicicola on leaves of Brassica spp., according to H. Otani and associates at Tottori University, Tottori, Japan. (Physiol. Mol. Plant Pathol. 52:285-295, 1998)

Calonectria ovata, causing leaf spot and cutting rot in eucalypts of Brazil's Amazonas Province, is homogeneous with a biallelic, heterothallic mating system, report P. W. Crous and associates at the University of Stellenbosch, Matieland, South Africa, and Universidade Federal de Vicosa, Vicosa, Brazil. (Sydowia 50:1-13, 1998)

Alfalfa mosaic virus reduced the ability of burr medic cv. Circle Valley but not cv. Serena to compete with other species such as capeweed in self-generated, mixed species pasture swards, report R. A. C. Jones and D. A. Nicholas of Agriculture Western Australia, and the University of Western Australia, Nedlands, Australia. (J. Agric. Sci. 131:155-170, 1998)

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