

An electrode or piezoelectric crystal with a gold surface in a chip provides anchorage for short nucleic acid strands to enable diagnosing viruses, report F. Patolsky and associates at the Hebrew University of Jerusalem, Israel. (Angew. Chem. Int. Ed. 40:2261-2265, 2001)

Planting corn as a nonhost to soybean cyst nematode for up to 5 consecutive years on infested land did not eliminate nematodes according to P. M. Porter and associates at the University of Minnesota, St. Paul, and the Research and Outreach Centers at Waseca and Lamberton, MN. (Agron. J. 93:619-626, 2001)

A sudden wilt of grapefruit in Israel was caused by Scytalidium lignicola brought on by extremely hot weather after pruning, report Y. Oren and associates at the Ministry of Agriculture and the Agricultural Research Organization, Bet Dagan, Israel. (Eur. J. Plant Pathol. 107:467-470, 2001)

Two proteins (SaM35 and SaM50) in head tissues of the aphid vector may be receptors for Barley yellow dwarf virus MAV isolate according to C. Li and associates at Pennsylvania State University, University Park, and Cornell University, Ithaca, NY. (Virology 286:125-133, 2001)

Leaf biomass from Acacia, Eucalyptus, Casuarina, Azadirachta, and Sorghum spp. stimulated the nematophagous Arthrobotrys oligobotrys in root-knot of tomato and promoted plant growth, report R. Duponnois and associates at IRD in Dakar, Senegal, and SASEX-IRD in Natal, South Africa. (Biol. Fertility Soils 34:1-6, 2001)

Pantoea ananas is associated with and may cause a leaf spot of corn in Brazil, report L. D. Paccola-Meirelles and associates at the Universidade Estadual de Londrina, and Embrapa Milho e Sorgo, Brazil. (J. Phytopathol. 149:275-279, 2001)

Two subpopulations of Ophiostoma novo-ulmi, known as European and North American races, were named O. novo-ulmi subsp. novo-ulmi and subsp. americana by C. M. Brasier and S. A. Kirk of the Forestry Commission Research Agency, Surrey, UK. (Mycol. Res. 105:547-554, 2001)

Of 625 conifer samples imported from Asian part of Russia, 8.5% yielded 8 Bursaphelenchus spp., and B. mucronatus was found 42 times in Pinus, Picea, and Larix wood, report H. Braasch and associates at the Federal Biological Research Centre for Agriculture and Forestry, and other German centers; and the Federal Forest Research Center, Vienna, Austria. (For. Pathol. 31:129-140, 2001)

Sphingomonas sp. causes brown fruit spot on yellow Spanish melon in greenhouses in Spain, report R. Buonaurio and associates at Università di Perugia, Perugia, Italy. (Plant Pathol. 50:397-401, 2001)

Section Prostrata of Verticillium was revised by W. Gams of Centraalbureau voor Schimmelcultures, Utrecht, Netherlands, and R. Zare, CABI Bioscience, Surrey, UK., and most species in this section fit into Lecanicillium n. gen. (Nova Hedwigia 72:329-337, 2001)

Replacing pentachloronitrobenzene in Nash-Snyder medium with 1 mg of 2-benzoxazolinone increased isolation frequency of Fusarium verticillioides from corn and suppressed competing fungi, report A. A. Glenn and associates at the University of Georgia and the USDA, Athens. (Appl. Environ. Microbiol. 67:2973-2981, 2001)