

Spot drip fumigation for nematode control in orchards can reduce atmospheric volatile organic compounds from fumigant pesticides 10-fold report D. Wang and associates at USDA-ARS, Parlier, California. (Environ. Sci. Technol. 43:5783-5789, 2009)

Aphanomyces euteiches produces fucosterol and cholesterol, and mycelial development is inhibited by two sterol demethylase inhibitors in fungicides tebuconazole and epoxiconazole report M.-A. Madoui and associates at Université de Toulouse, CNRS, and INSERM, France. (New Phytol. 183:291-300, 2009)

Of 28 soybean genotypes inoculated with 6 isolates of Puccinia pachyrhizi, 5 genotypes had no lesions and 11 had lesions with few uredinia report C. Paul at University of Illinois and G. L. Hartman at USDA-ARS, Urbana, IL. (Crop Sci. 49:1781-1785, 2009)

Treatment of carrots with elicitors salicyclic acid, chitosan, or Alexin before inoculation with Alternaria radicina and Botrytis cinerea reduced disease development 10 days later report J. Jayaraj and associates at Simon Fraser University, Canada. (Ann. Appl. Biol. 155:71-80, 2009)

The sequence of Southern bean mosaic virus has been completed to show that its genome organization is similar to that of Cocksfoot mottle sobemovirus report T. Ozato, Jr., and associates at São Paulo State University, Brazil. (J. Phytopathol. 157:573-575, 2009)

SlyA, a MarR transcriptional regulator, is essential for virulence of Dickeya dadantii on potato report M. M. Haque and associates at Shizuoka University, Japan. (J. Bacteriol. 191:5409-5418, 2009)

Of 274 Iranian landrace wheats tested for resistance to Pratylenchus thornei, 34 accessions were resistant, and 25 were more resistant than the best Australian cultivar, report J. G. Sheedy and J. P. Thompson at Leslie Research Center, Toowoomba, Australia. (Australas. Plant Pathol. 38:478-489, 2009)

Strawberry gray mold was reduced the most with the combination of Clonostachys rosea sprays, fungicide sprays, and debris removal compared with any one treatment singly report L. V. Cota and associates at Universidade Federal de Viçosa, Brazil. (Biol. Contr. 50:222-230, 2009)

Mustard residue incorporated into soil decreased disease incidence from Rhizoctonia solani on sugar beet over 3 years compared with bare soil treatment, but the efficacy of growing mustard was variable report N. Motisi and associates at INRA and AgroParis Tech, France. (Field Crops Res. 113:238-245, 2009)

'Candidatus Phytoplasma asteris' in Fraxinus excelsior and its association with ash yellows was reported in Poland by M. Kaminska and H. Berniak at the Research Institute of Pomology and Floriculture, Poland. (Plant Pathol. 58:788, 2009)

Sugarcane yellow leaf virus reduces yield even in asymptomatic plants report A. T. Lehrer and associates at Universität Bayreuth, Germany, and Hawaii Agriculture Research Center, Alea. (J. Gen. Plant Pathol. 75:288-296, 2009)