

Rose spring dwarf-associated virus is similar to Barley yellow dwarf virus in RNA structure and gene-expression report N. M. Salem and associates at University of California, Davis, and Iowa State University. (Virology 375:354-360, 2008)

In Phytophthora infestans, the DNA methylation inhibitor 5-azacytidine induces reversion of the infl-silenced state, and this state is based on chromatin remodeling report P. van West and associates at the University of Aberdeen, UK, and Laboratory of Phytopathology, Wageningen, Netherlands. (Microbiology 154:1482-1490, 2008)

Gibberella fujikuroi makes gibberellin in rice by maintaining balance of salicylic and jasmonic acid signaling to promote susceptibility to virulent biotrophs and resistance to necrotrophs report L. Navarro and associates at John Innes Centre, UK; Université Louis Pasteur, France; and University of Oxford, UK. (Curr. Biol. 18:650-655, 2008)

Multiple Burkholderia cepacia complex isolates (III-B lineage) colonize onion rhizosphere and can cause sour skin rot report J. L. Jacobs and associates at Michigan State University. Some strains were closely related to an isolate from a cystic fibrosis patient. (Appl. Environ. Microbiol. 74:3121-3129, 2008)

Four inorganic acids acting as anion transport blockers slowly developed nematicidal activity to second-stage juveniles of Meloidogyne incognita and have potential as commercial nematocides report D. R. Boina and associates at Virginia Polytechnic Institute, VA, and University of California, Davis. (Pest Manag. Sci. 64:646-653, 2008)

Seven of 12 wild and cultivated Beta accessions are more resistant than controls to Beet mild yellowing virus, so resistance can be introgressed into elite sugar beet lines report M. K. Grimmer and associates at Broom's Barn Research Station, UK. (Plant Breed. 127:315-318, 2008)

High availability of nitrogen increased susceptibility in 3 of 4 potato cultivars to Phytophthora infestans report B. Ros and associates at Technische Universität München, and Vertis Biotechnologie AG, Germany. (Physiol. Plant. 133:386-396, 2008)

All 24 isolates of Chilli veinal mottle virus from southeast Asia fit into three phylogenetic groups report W. S. Tsai and associates at AVRDC and National Chung Hsing University, Taiwan; Hunan Plant Protection Institute, China; Indian Institute of Horticultural Research; Bogor Agricultural University, Indonesia; and Thailand Department of Agriculture. (Plant Pathol. 57:408-416, 2008)

Burning is not an effective production strategy to control Verticillium wilt or insect pests in alfalfa stands report S. N. Acharya and associates at Agriculture and Agri-Food Canada and University of Lethbridge, Canada. (Agron. J. 100:742-747, 2008)

Composition of Tobacco rattle virus small-interfering RNAs in infected plants depends on the action of pathways of Dicer-like enzymes and RNA-dependent RNA polymerases report L. Donaïre and associates at Consejo Superior de Investigaciones Científicas, and Universidad Politécnica de Madrid, Spain. (J. Virol. 82:5167-5177, 2008)

In Pseudomonas syringae, coronatine-insensitive 1 protein is a critical component of the jasmonate receptor and functions as a potent agonist of the receptor system in virulence report L. Katsir and associates at Michigan State University and University of Nebraska. (Proc. Natl. Acad. Sci. USA 105:7100-7105, 2008)