Drenching strawberry plants infested with Pratylenchus penetrans with butyric acid (0.1 and 1 M) reduced nematode densities 98-100%, report M. Browning and associates at the University of Rhode Island, Kingston. (Soil Biol. Biochem. 38:401-404, 2006)

Undomesticated Nicotiana spp. comprise a rich genetic source of resistance to tobacco black shank, report B.-C. Li and associates at the University of Kentucky and ARS-USDA, Lexington. (Crop Sci. 46:554-560, 2006)

That both the 5′ untranslated region (UTR) and part of the 3′ UTR can be duplicated and function was shown for the first time as sgRNA promoters within a single viral genome of Hibiscus chlorotic ringspot virus, report W. Li and S.-M. Wong at the National University of Singapore. (J. Virol. 80:3395-3405, 2006)

Big differences exist among Mi-gene-resistant tomato cultivars serving as hosts for Meloidogyne incognita to show that some cultivars are tolerant, not resistant, to root-knot, report J.-A. López-Pérez and associates at the University of California, Riverside, and UCCE, Tulare, CA. (Crop Prot. 25:382-388, 2006)

The peanut metabolite (prenylated benzenoid and But-2-enolide moieties), challenged by five Aspergillus spp., represents a new class of phytoalexins, report V. S. Sobolev and associates at ARS-USDA, Dawson, Georgia, and University of Iowa. (J. Agric. Food Chem. 54:2111-2115, 2006)

Temperature and leaf wetness duration affect phenotypic expression of Rim6-mediated resistance in Brassica napus leaves to the spread of Leptosphaeria maculans down petioles to produce stem cankers, report Y.-J. Huang and associates at Rothamsted Research, UK, and INRA, UMR, APBV, France. (New Phytol. 170:129-141, 2006)

Decay of cacti in arid environments leads to high returns of atmospheric carbon to soil derived from Ca-oxalate biominerals in cacti, reports L. A. J. Garvie at Arizona State University. (Naturwissenschaften 93:114-118, 2006)

Corchorus yellow vein virus on Jute mallow in Vietnam may be indigenous to the region and a remnant of a previous population of New World begomoviruses in the Old World, report C. Ha and associates at Queensland University of Technology, Australia, and Hanoi Agriculture University, Vietnam. (J. Gen. Virol. 87:997-1003, 2006)

Five Bursaphelenchus spp. (related to blue stain) were found in dead or dying Pinus sylvestris trees in the Swiss Alps, report J. Polomski and associates at the Swiss Federal Research Institute, Switzerland; Landesamt für Verbraucherschutz, and Institute for Plant Virology, Microbiology, and Biosafety, Germany. (For. Pathol. 36:110-118, 2006)

Five of 18 spinach cultivars were most resistant to white rust after 8 years of testing in Texas, report S. Goreta from Institute for Adriatic Crops, Croatia, and D. I. Leskovar, Texas A&M University, Uvalde. (HortTech 16:162-166, 2006)

Lon protease of α-proteobacterium Agrobacterium tumefaciens is required for growth, cell morphology, and virulence, report S. Su and associates at University of Illinois, Urbana, and Georgia State University, Atlanta. (Microbiology 152:1197-1207, 2006)