

## Plant Diseases

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### Recent Publications on Plant Diseases:



- [Gene expression analysis of the biocontrol fungus \*Trichoderma harzianum\* in the presence of tomato plants, chitin, or glucose using a high-density oligonucleotide microarray.](#)  
*BACKGROUND: It has recently been shown that the Trichoderma fungal species...*18th November, 2009  
Centro Hispano-Luso de Investigaciones Agrarias (CIALE), Universidad de- BMC Microbiol. 2009 Oct 13;9:217. ([DOI Direct Link](#))
- [\[Identification and analysis of an actinomycete strain suppressing \*Clavibacter michiganensis\* subsp. \*michiganensis\*\]](#)  
*OBJECTIVE: To identify and analyze bioactive compounds of an actinomycete...*17th November, 2009  
College of Plant Protection, Agricultural University of Hebei, Biological- Wei Sheng Wu Xue Bao. 2009 Jul 4;49(7):889-95.
- [\[Roles of OxyRxoo, a transcriptional regulator of \*Xanthomonas oryzae\* pv. \*oryzae\* in regulation of detoxification of hydrogen peroxide\]](#)  
*OBJECTIVE: OxyRxoo is a homologue of OxyR from Xanthomonas oryzae pv....*17th November, 2009  
State Key Laboratory for Biology of Plant Diseases and Insect Pests,- Wei Sheng Wu Xue Bao. 2009 Jul 4;49(7):874-9.
- [\[Meta-analysis of insect-resistance QTLs in soybean\]](#)  
*Soybean (*Glycine max* L.) yield is harmed seriously by pests. Although more...*13th November, 2009  
The Crop Research and Breeding Center of Land-Reclamation, Harbin, China.- Yi Chuan. 2009 Sep;31(9):953-61.
- [\[Complex formation between trigliceropeptides pseudomonades and plant root exudates as a mechanism of action on phytopathogens\]](#)  
*The influence of plant exudates on the antifungal activity of Pseudomonas...*10th November, 2009  
- Prikl Biokhim Mikrobiol. 2009 Sep-Oct;45(5):565-70.
- [\[Intraspecific functional diversity in hosts and its effect on disease risk across a climatic gradient.](#)  
*The effects of host biodiversity on disease risk may vary greatly...*7th November, 2009  
Department of Plant Pathology, 4024 Throckmorton Plant Sciences Center,- Ecol Appl. 2009 Oct;19(7):1868-83.
- [\[Expression of the \*hrcC\*, \*hrpE\* and \*hpa3\* genes is not regulated by the \*hrpG\* and \*hrpX\* genes in a rice pathogen \*Xanthomonas oryzae\* pv. \*oryzicola\*\]](#)  
*OBJECTIVE: The hrp (hypersensitive response on nonhost plants and...*5th November, 2009  
Key Laboratory of Monitoring and Management for Plant Diseases and- Wei Sheng Wu Xue Bao. 2009 Aug 4;49(8):1018-25.

- [Construction of a Recombinant \*Bacillus velezensis\* Strain as an Integrated Control Agent Against Plant Diseases and Insect Pests.](#)  
*To construct a new recombinant strain of Bacillus velezensis that has...*4th November, 2009  
Department of Agricultural Biotechnology, College of Agriculture and Life- J Microbiol Biotechnol. 2009 Oct;19(10):1223-9.
- [Methanol metabolism in the Asian corn borer, \*Ostrinia furnacalis\* \(Guenee\) \(Lepidoptera: Pyralidae\).](#)  
*Plants produce and release large quantities of methanol, especially when...*4th November, 2009  
Department of Entomology, Nanjing Agricultural University, Key Laboratory- J Insect Physiol. 2009 Nov 10. ([DOI Direct Link](#))
- [The structure and regulation of the \*gab\* gene cluster involved in the GABA shunt controlled by a  \$\sigma^{54}\$  factor in \*Bacillus thuringiensis\*.](#)  
*The structure and regulation of gab gene cluster, involved in...*27th October, 2009  
State Key Laboratory for Biology of Plant Diseases and Insect Pests,- J Bacteriol. 2009 Oct 23. ([DOI Direct Link](#))
- [Proteomic analysis of novel Cry1Ac binding proteins in \*Helicoverpa armigera\* \(Hubner\).](#)  
*Aminopeptidase N (APN) and cadherin-like proteins have been previously...*23rd October, 2009  
State Key Laboratory for Biology of Plant Diseases and Insect Pests,- Arch Insect Biochem Physiol. 2009 Oct 21. ([DOI Direct Link](#))
- [Regulation of the seasonal population patterns of \*Helicoverpa armigera\* moths by Bt cotton planting.](#)  
*Transgenic cotton expressing the Bacillus thuringiensis (Bt) Cry1Ac toxin...*23rd October, 2009  
State Key Laboratory for Biology of Plant Diseases and Insect Pests,- Transgenic Res. 2009 Oct 22. ([DOI Direct Link](#))
- [The resistance-nodulation-division efflux pump EmhABC influences the production of 2,4-diacetylphloroglucinol in \*Pseudomonas fluorescens\* 2P24.](#)  
*The polyketide metabolite 2,4-diacetylphloroglucinol (2,4-DAPG) plays a...*17th October, 2009  
Department of Plant Pathology, China Agricultural University;- Microbiology. 2009 Oct 15. ([DOI Direct Link](#))
- [Evolutionary Dynamics of the Genomic Region Around the Blast Resistance Gene \*Pi-ta\* in AA Genome \*Oryza\* Species.](#)  
*Race specific resistance gene Pi-ta has been effectively used to control...*14th October, 2009  
University of Arkansas Rice Research and Extension Center.- Genetics. 2009 Oct 12. ([DOI Direct Link](#))
- [Antibacterial Activity of Phenolic Compounds Against the Phytopathogen \*Xylella fastidiosa\*.](#)  
*Xylella fastidiosa is a pathogenic bacterium that causes diseases in many...*9th October, 2009  
Department of Plant Sciences, University of California, Davis, Mail Stop- Curr Microbiol. 2009 Oct 8. ([DOI Direct Link](#))

## BioNews Results for Plant Diseases

- [Health Highlights: Nov. 19, 2009](#)  
*National Womens Health Information Center: Nov 19 2009 10:38PM Matching: plant diseases*
- [Vaccines Coming for AIDS, Alzheimer's](#)  
*MyFox Houston: Nov 18 2009 5:16PM Matching: plant diseases*
- [Vaccines Coming for AIDS, Alzheimer's](#)  
*Fox 5 Atlanta WAGA: Nov 18 2009 5:08PM Matching: plant diseases*
- [AMFm Subsidized Malaria Drugs To Be Delivered Soon](#)  
*Medical News Today: Nov 5 2009 11:22AM Matching: plant diseases*
- [What Are the Consequences of HIV/AIDS Treatment Failure?](#)  
*The Body: Nov 1 2009 5:56AM Matching: plant diseases*
- [Genzyme: Focusing on Lumizyme Approval](#)  
*Seeking Alpha: Oct 30 2009 10:36AM Matching: plant diseases*

- [Archive of renowned monograph series in molecular and cellular biology is released online](#)  
*Genetic Engineering News: Oct 29 2009 10:36PM Matching: plant diseases*
- [First Results Just In - New Genetic Test for Early Diagnosis of Mitochondrial Diseases in Children](#)  
*PRLog: Oct 28 2009 4:30AM Matching: plant diseases*
- [First Results Just In - New Genetic Test for Early Diagnosis of Mitochondrial Diseases in Children](#)  
*PRLog: Oct 28 2009 4:30AM Matching: plant diseases*
- [First Results Just In - New Genetic Test for Early Diagnosis of Mitochondrial Diseases in Children](#)  
*PRLog: Oct 28 2009 4:30AM Matching: plant diseases*
- [HRD Minister warns officials of the spread of flu virus](#)  
*NewKerala.com: Oct 24 2009 4:55AM Matching: plant diseases*
- [Medical News: Theory On Protective Effect Of Being Warm-Blooded Offered By Einstein Research](#)  
*Medical News Today: Oct 17 2009 10:38AM Matching: plant diseases*
- [Theory On Protective Effect Of Being Warm-Blooded Offered By Einstein Research](#)  
*Medical News Today: Oct 17 2009 8:08AM Matching: plant diseases*
- [Do 3 Meals a Day Keep Fungi Away?](#)  
*Infection Control Today: Oct 16 2009 7:02PM Matching: plant diseases*

## Plant Diseases Patents:



- 7538072- [Stem/leaf desiccant](#)
- 7560456- [Pesticidal pyridinecarboxamide derivatives](#)
- 7563749- [Herbicide-safener combination](#)
- 7566683- [Ethylene derivatives and pesticides containing said derivatives](#)
- 7566731- [Hetaryl substituted homotetramic and homotetronic acids and their use thereof as pesticides](#)
- 7569517- [4-biphenyl-substituted pyrazolidin-3 5-diones pesticide agent and/or microbicide and/or herbicide](#)
- 7569518- [Pyridazine Compound and Use Thereof](#)
- 7569519- [Substituted benzoyl derivatives as herbicides](#)
- 7570428- [Multilayer minus filter and fluorescence microscope](#)
- 7572950- [Methods for obtaining pathogen resistance in plants](#)
- 7576107- [5-substituted-alkylaminopyrazole derivatives as pesticides](#)
- 7560438- [Genetic inhibition by double-stranded RNA](#)
- 7554018- [Nitrogen-regulated sugar sensing gene and protein and modulation thereof](#)
- 7538073- [Pyrazoylcarboxanilides as fungicides](#)
- 7538095- [Genetic inhibition by double-stranded RNA](#)
- 7547444- [Methods for controlling fungi and bacteria](#)
- 7547660- [Phenyl-substituted 4-hydroxy-tetrahydropyridones](#)
- 7550258- [Methods for drug discovery, disease treatment, and diagnosis using metabolomics](#)
- 7550260- [Methods for drug discovery, disease treatment, and diagnosis using metabolomics](#)
- 7550471- [5-alkyl-7-aminotriazolopyrimidines, methods and intermediary product necessary for the production thereof, agents containing said compounds and the use thereof for fighting against harmful mushrooms](#)
- 7550578- [Rice promoters for regulation of plant expression](#)
- 7553616- [Methods for drug discovery, disease treatment, and diagnosis using metabolomics](#)

- [7553657- Substrates containing a Trichoderma asperellum strain for biological control of Fusarium and Rhizoctonia](#)
- [7579017- Physical mode of action pesticide](#)
- [7579301- Herbicidal compositions comprising benzoylpyrazoles and safeners](#)
- [7588914- Bacterial Bcl-2 domain-containing polypeptides, encoding nucleic acid molecules, and related methods](#)
- [7601511- Biotin-facilitated transport in gram negative bacteria](#)
- [7601810- Insecticidal plant cyclotide with activity against homopteran insects](#)
- [7601887- Banana resistance genes and uses thereof](#)
- [7601893- Stress-related polynucleotides and polypeptides in plants](#)
- [7608756- Promoters for epidermis-specific expression of desired coding sequences in transgenic plants](#)
- [7612256- Isolated nucleic acid molecules encoding the Br2 P-glycoprotein of maize and methods of modifying growth in plants transformed therewith](#)
- [7615366- Bacillus amyloliquefaciens KTGB0202 and control method of plant pathogenic fungi using that](#)
- [7615624- Arabidopsis derived promoters for regulation of plant expression](#)
- [7615685- Methods of producing human or animal food from stably transformed, fertile maize plants](#)
- [7615689- Methods for coupling resistance alleles in tomato](#)
- [7598429- Transcription factor sequences for conferring advantageous properties to plants](#)
- [7598389- Silylated carboxamides](#)
- [7589176- Antifungal polypeptides](#)
- [7589177- Nucleic acid molecules encoding cyclotide polypeptides and methods of use](#)
- [7592374- Insecticidal nitromethylene compounds](#)
- [7592392- Synthesis of functional polymers for use in organic synthesis and combinatorial chemistry](#)
- [7592509- Isolated DNA sequences and polypeptides inducing multiple resistance of plants to phytopathogens and pests](#)
- [7595061- Method for using an induced formation of chitinase in lawn and garden soil for the control of destructive insects and microorganisms therein](#)
- [7595173- Low-cost production of peptides](#)
- [7595404- Thiazolyl-substituted carbocyclic 1,3-diones as pesticidal agents](#)
- [7598346- Antifungal polypeptides](#)
- [7598366- TaBV transcriptional control elements, chimeric constructs and uses therefor](#)
- [7619133- Polynucleotides and methods for making plants resistant to fungal pathogens](#)

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