

## Bayer CropScience

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### Contact Details:

**2 T.W. Alexander Drive P.O. Box 12**  
**Research Triangle Park**  
**North Carolina**  
**27009**  
**United States of America**

Tel: 919-549-2000

Fax:

Email:

For most people, taking a Bayer Aspirin is the initial introduction to our company. But products made by Bayer are found not just in medicine cabinets but in nearly every bedroom, living room, kitchen, garage, hospital, farm and factory across America. Our products help preserve local landmarks, advance automobile safety and durability, diagnose and treat disease, and protect crops, homes and pets from pests. We help improve individual lives each day in hundreds of ways--some large, some small. The crystal-clear crisper in your refrigerator probably got its start as one of our plastic resins, and the lettuce it holds fought off pests with the help of our crop protection products. Your car is safer and your couch is plumper thanks to our polyurethane. And, our scientists are making sure that you, your family and your pets are protected from illness.

### Recent Publications by Bayer CropScience:



- [Safety evaluation of the double mutant 5-enol pyruvylshikimate-3-phosphate synthase \(2mEPSPS\) from maize that confers tolerance to glyphosate herbicide in transgenic plants.](#)  
*Glyphosate tolerance can be conferred by decreasing the herbicide's...*9th October, 2009  
Bayer CropScience SA, BP153, 355 rue Dostoievski, 06130 Sophia Antipolis,- Regul Toxicol Pharmacol. 2009 Jul;54(2):143-53. Epub 2009 Mar 20. ([DOI Direct Link](#))
- [Tertiary butyl alcohol in drinking water induces phase I and II liver enzymes with consequent effects on thyroid hormone homeostasis in the B6C3F1 female mouse.](#)  
*Tertiary butyl alcohol (TBA) was administered to groups of 15 female...*18th September, 2009  
Bayer CropScience S.A., Sophia Antipolis, France.- J Appl Toxicol. 2009 Sep 17. ([DOI Direct Link](#))
- [Plant physiological adaptations to the massive foreign protein synthesis occurring in recombinant chloroplasts.](#)  
*Genetically engineered chloroplasts have an extraordinary capacity to...*15th September, 2009

- Bayer CropScience, Bioscience, F-69263 Lyon cedex 09, France.- *Plant Physiol.* 2009 Jul;150(3):1474-81. Epub 2009 May 20. ([DOI Direct Link](#))
- [Role of the Botrytis cinerea FKBP12 ortholog in pathogenic development and in sulfur regulation.](#)  
*The functional characterization of the FKBP12 encoding gene from the...*27th August, 2009  
Laboratoire de Genomique Fonctionnelle des Champignons Pathogenes des- *Fungal Genet Biol.* 2009 Apr;46(4):308-20. Epub 2008 Dec 13. ([DOI Direct Link](#))
  - [The unique role of halogen substituents in the design of modern agrochemicals.](#)  
*The past 30 years have witnessed a period of significant expansion in the...*25th August, 2009  
Bayer CropScience AG, Research Insecticides Chemistry Insecticides,- *Pest Manag Sci.* 2009 Aug 21. ([DOI Direct Link](#))
  - [Standard and molecular NOAELs for rat testicular toxicity induced by flutamide.](#)  
*An important step in the safety assessment of chemicals for humans is to...*25th August, 2009  
Bayer CropScience, Department of, Research Toxicology, 06903- *Toxicol Sci.* 2009 May;109(1):59-65. Epub 2009 Mar 19. ([DOI Direct Link](#))
  - [Combinatorial chemistry in the agrosociences.](#)  
*Combinatorial chemistry and high throughput screening have had a profound...*6th August, 2009  
Bayer CropScience AG, Werk Hoechst, G836, D-65926 Frankfurt am Main,- *Bioorg Med Chem.* 2009 Jun 15;17(12):4035-46. Epub 2009 Mar 19. ([DOI Direct Link](#))
  - [Insecticidal heterolignans--tubuline polymerization inhibitors with activity against chewing pests.](#)  
*Starting from natural product podophyllotoxin 1 substituted heterolignans...*6th August, 2009  
Bayer CropScience AG, Industriepark Hoechst, G836, D-65926 Frankfurt am- *Bioorg Med Chem.* 2009 Jun 15;17(12):4160-84. Epub 2009 Jan 24. ([DOI Direct Link](#))
  - [Protein structure based rational design of ecdysone agonists.](#)  
*We review the impact of protein X-ray crystallography on the rational...*6th August, 2009  
Bayer CropScience AG, Alfred-Nobel-Str. 50, 40789 Monheim, Germany.- *Bioorg Med Chem.* 2009 Jun 15;17(12):4064-70. Epub 2009 Jan 14. ([DOI Direct Link](#))
  - [Inter-laboratory comparisons of assessment of the allergenic potential of proteins in mice.](#)  
*Assessment of the potential allergenicity of novel proteins, including...*29th July, 2009  
Bayer CropScience, BP153, 355 rue Dostoievski, 06130 Sophia Antipolis,- *J Appl Toxicol.* 2009 Mar;29(2):141-8. ([DOI Direct Link](#))
  - [pH controls both transcription and post-translational processing of the protease BcACP1 in the phytopathogenic fungus Botrytis cinerea.](#)  
*During pathogenesis, the ascomycete Botrytis cinerea secretes a range of...*23rd July, 2009  
Universite de Lyon, Laboratoire de Genomique Fonctionnelle des Champignons- *Microbiology.* 2009 Jun;155(Pt 6):2097-105. Epub 2009 Apr 9. ([DOI Direct Link](#))
  - [Simple and rapid determination of enrofloxacin and ciprofloxacin in edible tissues by turbulent flow chromatography/tandem mass spectrometry \(TFC-MS/MS\).](#)  
*A simple and rapid method for the determination of residues of...*13th June, 2009  
Bayer CropScience AG, Development - Residues, Operator and Consumer- *Anal Chim Acta.* 2009 Apr 1;637(1-2):208-13. Epub 2008 Nov 13. ([DOI Direct Link](#))
  - [Effectiveness of vegetative filter strips in reducing pesticide loading: quantifying pesticide trapping efficiency.](#)  
*Pesticide trapping efficiency of vegetated filter strips (VFS) is commonly...*25th April, 2009  
Bayer CropScience and Texas A&M Univ., 17745 South Metcalf, Stilwell, KS- *J Environ Qual.* 2009 Feb 25;38(2):762-71. Print 2009 Mar-Apr. ([DOI Direct Link](#))
  - [\[Metabolic control of seed germination\]](#)  
*We have used proteomics to better characterize germination and early...*6th February, 2009  
CNRS / UCBL / INSA / Bayer CropScience Joint Laboratory, Bayer CropScience- *J Soc Biol.* 2008;202(3):223-9. Epub 2008 Nov 4. ([DOI Direct Link](#))
  - [Transcriptome- and proteome-wide analyses of seed germination.](#)  
*Using post-genomic technologies, it is now possible to understand the...*14th January, 2009  
CNRS-Universite Claude-Bernard Lyon 1-INSA-Bayer CropScience Joint- *C R Biol.* 2008 Oct;331(10):815-22. Epub 2008 Sep 4. ([DOI Direct Link](#))

## Press Releases on Bayer CropScience:

<a href="#">Reportlinker Adds Imaging Agents - A Worldwide Market Review</a>	20th November, 2009	Reportlinker	NEW YORK, Nov. 20 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Imaging Agents - A Worldwide Market Review <a href="http://www.reportlinker.com">http://www.reportlinker.com</a>
<a href="#">Reportlinker Adds The Future of the Diabetes Care Devices Market to 2015</a>	18th November, 2009	Reportlinker	NEW YORK, Nov. 18 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. The Future of the Diabetes Care Devices Market to 2015 <a href="http://www">http://www</a>
<a href="#">Reportlinker Adds Antibiotics - Global Trends</a>	18th November, 2009	Reportlinker	NEW YORK, Nov. 18 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Antibiotics - Global Trends <a href="http://www.reportlinker.com/p0164263">http://www.reportlinker.com/p0164263</a>
<a href="#">Reportlinker Adds Pulmonary Drug Delivery Technologies - A Global Market Perspective</a>	18th November, 2009	Reportlinker	NEW YORK, Nov. 18 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Pulmonary Drug Delivery Technologies - A Global Market Perspective <a href="http://">http:/</a>
<a href="#">Reportlinker Adds Anticoagulants - A Global Market Review</a>	18th November, 2009	Reportlinker	NEW YORK, Nov. 18 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue. Anticoagulants - A Global Market Review <a href="http://www.reportlinker.com">http://www.reportlinker.com</a>

## BioNews Results for Bayer CropScience



- [Bayer AG - Pharmaceuticals & Healthcare - Deals and Alliances Profile - new report released](#)  
*PR inside: Nov 16 2009 4:27AM Matching: bayer cropscience*
- [Bayer AG - Pharmaceuticals & Healthcare - Deals and Alliances Profile - new report released](#)  
*PR inside: Nov 16 2009 4:26AM Matching: bayer cropscience*
- [Cotton research facilities may benefit area farmers](#)  
*Plainview Daily Herald: Nov 15 2009 7:13AM Matching: bayer cropscience*
- [Improved agricultural science key for food pr](#)  
*Checkbiotech: Nov 14 2009 12:14AM Matching: bayer cropscience*
- [Opinion: U.S. Lawsuit Against Bayer CropScience for GM Seed Contamination Confirms Rice Contamination in Niger](#)  
*Grainnet.com: Nov 12 2009 11:27PM Matching: bayer cropscience*
- [Rice contamination suit gets underway in St](#)  
*Checkbiotech: Nov 11 2009 3:34PM Matching: bayer cropscience*
- [GM Rice Floods Nigeria, ERA Indicts U.S](#)

- *Checkbiotech: Nov 10 2009 4:24PM Matching: bayer cropscience*
- [Qld researchers solve genetic code of canola](#)  
*Life Science Lab: Nov 9 2009 1:17PM Matching: bayer cropscience*
- [UQ researchers first in the world to solve the genetic code of canola](#)  
*The University Of Queensland: Nov 6 2009 3:35PM Matching: bayer cropscience*
- [Genome milestone will boost canola seed development](#)  
*Agra Net: Nov 6 2009 3:11PM Matching: bayer cropscience*
- [Bayer CropScience Opens State of the Art Cotton Research and Development Center in Lubbock](#)  
*MDLinx: Nov 6 2009 11:02AM Matching: bayer cropscience*
- [Flemish researchers develop revolutionary technology for use in plant breeding](#)  
*Bionity.com: Nov 5 2009 3:56PM Matching: bayer cropscience*
- [Boston Millennia benefits from sale of biotech firm](#)  
*Boston Globe: Nov 4 2009 10:33PM Matching: bayer cropscience*
- [Bayer CropScience completes acquisition of bi](#)  
*Checkbiotech: Nov 3 2009 5:40PM Matching: bayer cropscience*
- [Bayer CropScience Completes Acquisition of U.S. Biotech Firm for \\$365 Million](#)  
*Chemical Week: Nov 3 2009 6:02AM Matching: bayer cropscience*

## Bayer CropScience Patents:



- 7368437- [Bicyclic heterocycles, processes for their preparation and their use as herbicides and pharmaceutical agents](#)
- 7432225- [Selective herbicides based on substituted cyclic keto-enols and safeners](#)
- 7432226- [Herbicidally active composition](#)
- 7435829- [Pyrazolyl-substituted heterocycles and their use as phytosanitary products](#)
- 7439207- [2,6 substituted pyridine-3-carbonyl derivatives serving as plant protection agents having herbicidal action](#)
- 7439408- [Method for producing halogenated 2-\(3-butenylsulphanyl\)-1,3-thiazoles](#)
- 7442672- [Picolinamine derivatives and their use as fungicides](#)
- 7456133- [Substituted arylketones](#)
- 7456290- [Process for the preparation of 2-aminomethylpyridine derivative](#)
- 7470793- [Thiazol-\(bi\)cycloalkyl-carboxanilides](#)
- 7479471- [2-Amino-4-bicycylamino-6H-1,3,5-triazines, processes for their preparation and their use as herbicides and plant growth regulators](#)
- 7429657- [DNA molecules encoding enzymes involved in starch synthesis, vectors, bacteria, transgenic plant cells and plants containing these molecules](#)
- 7425575- [Spirocyclic 3-phenyl-3-substituted 4-ketolactams and 4-ketolactones](#)
- 7420062- [Hetaryl-substituted pyrazolidindione derivatives with pesticidal characteristics](#)
- 7381688- [Methylthiophene carboxanilides](#)
- 7385104- [Plants synthesizing a modified starch, a process for the generation of the plants, their use, and the modified starch](#)
- 7388097- [Difluoromethyl thiazolyl carboxanilides](#)
- 7390827- [3-aminocarbonyl substituted benzoylpyrazolones](#)
- 7393639- [Methods for identifying genes and promoters of interest using the Impala transposon](#)

- 7396939- [3-cyclopropyl-4-\(3-amino-2-methylbenzoyl\)pyrazoles and their use as herbicides](#)
- 7410933- [Substituted thiene-3-ylsulphonylamino\(thio\)carbonyl-triazolin\(thi\)ones](#)
- 7417057- [Pesticidal heterocycles](#)
- 7417150- [Azoles having an insecticidal action](#)
- 7419936- [Optically active 2,5-bisaryl-.DELTA..sup.1-pyrrolines and their use as pest control agents](#)
- 7482308- [Difluoromethanesulfonyl anilide derivatives useful as herbicides](#)
- 7501527- [Method for the production of fluoromethyl-substituted heterocycles](#)
- 7569519- [Substituted benzoyl derivatives as herbicides](#)
- 7572818- [2-pyridylethylbenzamide derivative](#)
- 7579301- [Herbicidal compositions comprising benzoylpyrazoles and safeners](#)
- 7585887- [Active agent combinations with insecticidal and acaricidal properties](#)
- 7585998- [Method for producing difluoro-acetyl-acetic acid alkylesters](#)
- 7595404- [Thiazolyl-substituted carbocyclic 1,3-diones as pesticidal agents](#)
- 7598389- [Silylated carboxamides](#)
- 7601512- [Methods for identifying inhibitors of the 20S and 26S proteasome](#)
- 7608708- [Monocotyledon plant cells and plants which synthesize modified starch](#)
- 7608720- [Process for the preparation on 2-aminomethylpyridine derivatives](#)
- 7569517- [4-biphenyl-substituted pyrazolidin-3 5-diones pesticide agent and/or microbicide and/or herbicide](#)
- 7569516- [Plant growth regulation](#)
- 7566731- [Hetaryl substituted homotetramic and homotetronic acids and their use thereof as pesticides](#)
- 7511153- [4-alkoxy cyclohexane-1 amino carboxylic acid esters and method for the production thereof](#)
- 7521396- [Substituted \(thioxo\)carbonylaminophenyluracils](#)
- 7521397- [Disubstituted pyrazolyl carboxanilides](#)
- 7524968- [2-pyridinylcycloalkylbenzamide derivatives and their use as fungicides](#)
- 7538073- [Pyrazoylcarboxanilides as fungicides](#)
- 7557066- [Use of sulfonylureas](#)
- 7560565- [Method for preparing derivatives of 3-hydroxypicolinic acid](#)
- 7560567- [2-pyridinylethylbenzamide derivatives](#)
- 7563749- [Herbicide-safener combination](#)
- 7566547- [Gene 763 of phytopathogenic fungus Magnaporthe grisea and use thereof for identifying fungicidal compounds](#)
- 7608736- [Process for preparing acylsulfamoylbenzamides](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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