

LIST OF USEFUL LINKS AND WEBSITES FOR GREEN BIOTECHNOLOGY

[Advisory Committee on Releases to the Environment \(UK\)](#)

Summary records for experimental releases in the UK; Environmental impact discussion papers; GMO Public Register Index; Index of Applications to market GMOs in Europe; International Agreements regarding environmental releases; Advice to the Secretary of State and Ministers.

[AfricaBiotech.com](#) pending for renewal

The goal of this web site is to provide science-based information to the media, policy-makers, NGOs and the public on issues related to agricultural biotechnology, including its potential relevance to African agriculture, biosafety, intellectual property rights, biodiversity and capacity building.

[AgBio World with AgBioView: Daily Newsletter](#)

The AgBioWorld Foundation is a 501(c)(3) non-profit organization headquartered in Auburn, Alabama, and is run by Professor C.S. Prakash of Tuskegee University. The AgBioWorld community was established in January 2000 by [Professor Prakash](#) and [Gregory Conko](#) of the Competitive Enterprise Institute, and the foundation and [AgBioView](#) e-mail service rely upon the volunteer efforts of many friends and colleagues.

AgBioWorld aims to provide science-based information on agricultural biotechnology issues to various stakeholders across the world. Its website and e-mail service are a daily source of information for thousands of subscribers from dozens of countries. The AgBioWorld '[Declaration in Support of Agricultural Biotechnology](#)' has been endorsed by over 3,400 scientists, including [25 Nobel Laureates](#) such as Dr. Norman Borlaug, Dr. James Watson, Dr. Arthur Kornberg, Dr. Marshall Nirenberg, Dr. Peter Doherty, Dr. Paul Berg, Mr. Oscar Arias Sanchez and Dr. John Boyer.

[Ag-West Bio](#)

Ag-West Bio, at the forefront of Saskatchewan's bio-economy, works as a catalyst for partnerships and industry growth through investments, aiding strategic alliances, providing regulatory advice and communications. Integral to the development of one of North America's most successful life science clusters, consider Ag-West Bio your complete resource for bio-science information in Saskatchewan.

[AgBioForum](#)

By publishing timely, novel, and insightful articles, AgBioForum enhances the ongoing dialogue on agbiotech management and economics. Leading the way to socially responsible and economically efficient decisions in science, public policy, and commercialization is the very purpose of AgBioForum

[AgBioS - Agriculture & Biotechnology Strategies \(Canada\) Inc.](#)

Provides scientific and regulatory expertise in environmental risk assessment, integrated pest management, and agricultural biotechnology; Offers basic information about plants with novel traits, including genetically engineered crop species, and other general agricultural biotechnology related information.

[AgBiotechNet](#)

Publishes current information about biotechnology and biosafety for researchers and policy makers; Provides access to information on genetic engineering, in vitro culture, biosafety, intellectual property rights, and other key issues in agricultural biotechnology; A project of CAB International and the Agricultural Biotechnology Support Project.

[AGCare](#)

Provides information to consumers, farmers, and researchers on the impact and benefits of

biotechnology on the agri-food system in Canada, including agricultural pesticide use, crop biotechnology developments, and other related environmental issues.

[Agri-Food Risk Management & Communication](#) University of Guelph
Maintains FSnet (on Food Safety), Agnet new on [Safe Food](#) (on plant agriculture), and AnimalNet (on animal agriculture), which are electronic communications tools intended to assist in risk analysis activities, identify issues for risk management and communication activities, promote awareness of public concerns in scientific and regulatory circles; and exchange timely and current information for direction of research, diagnostic, or investigative activities.

[Agricultural Biotechnology for Sustainable Productivity Support Project \(US\)](#) no trace anymore)
Takes an integrated approach, combining applied research, product development, and policy development—primarily biosafety and intellectual property rights (IPR)—to help developing countries use and manage biotechnology.

[Agricultural Genome Information System \(US\)](#)
Provides genome information for agriculturally important organisms, encompassing mostly crop and livestock animal species, and databases with germplasm and plant gene nomenclature data. AGIS is a cooperative effort between the Department of Plant Biology, University of Maryland, and the USDA's National Agricultural Library Genome Informatics Group.

[Agriscape](#)
An online directory on agriculture and its surrounding industry. Includes press releases, a discussion forum, links to companies, universities, publications, conferences, weather, news and more

[American Crop Protection Association](#) now Crop Life, new link
Promotes the environmentally sound use of crop protection and plant biotechnology products for the production of food, fiber, and other crops. Studies and promotes the technical fit and environmental soundness of plant biotechnology as part of integrated crop production, including trade, labeling/segregation, and insect resistance management.

[Australian Government Genetic Manipulation Advisory Committee \(GMAC\)](#)
The Office of the Gene Technology Regulator has been established within the [Australian Government Department of Health and Ageing](#) to provide administrative support to the Gene Technology Regulator in the performance of his functions under the *Gene Technology Act 2000*.
The *Gene Technology Act 2000*, which came into force on 21 June 2001, introduces a national scheme for the regulation of genetically modified organisms in Australia, in order to protect the health and safety of Australians and the Australian environment by identifying risks posed by or as a result of gene technology, and by managing those risks through regulating certain dealings with genetically modified organisms.

[Australian Government Public Awareness and Engagement](#)
The Public Awareness and Engagement Program's activities include free public forums, information and education materials, and feedback mechanisms such as regular public attitude surveys and a freecall information service.
Focusing on Nanotechnologies and Biotechnologies, the Public Awareness and Engagement Program has developed several initiatives to inform the public on enabling technologies.

[Belgian Biosafety Server](#)
Regulatory information for Belgium, Europe, and other countries; Risk assessment data; Biosafety related meetings, conferences, and courses.

[Berne Debate](#) former Website Bio-Scope, including clippings, edited opeds, texts embedded into a knowledge database, a separate database for getting the appropriate experts to answer additional questions. Closed in 2005, a few examples in the link

[BioGuide](#) not existing anymore, probably not <http://www.bioguide-project.net/>

An interactive guide to biotechnology support and regulations in the UK; Includes current information on the UK's main trade associations, universities, and European standards of work for biotechnology.

[Bioline Online Journal Biosafety](#) probably now <http://www.bioline.org.br/by>

Original papers on the effects of GMOs and introduced species on people and the environment; Containment of potentially hazardous organisms; Biosafety reviews; Accounts of risk assessment and hazard analysis and follow up monitoring.

[Biosafety Information Network and Advisory Service \(BINAS\)](#)

A service of the United Nations Industrial Development Organization (UNIDO). Global developments in regulatory issues in biotechnology; Regulations and guidelines from many countries; Publications dealing with regulatory policy and issues pertaining to biological risk assessment; DTree-Lite, a pilot decision support system for safety assessment of GM crop plants.

[Biosafety Information System \(BIS\)](#) is this now <http://www.biosafety-info.net/> ?

A technical data resource providing biosafety information to researchers, institutions, and governments covering various safety aspects of biotechnology; Includes information on field trials of GMOs in Brazil, national and international biosafety regulations and guidelines, and biosafety news.

[Biosafety Research and Assessment of Technology Impacts](#)

Published by the Swiss Priority Program from the Swiss National Science Foundation. Scientific reports on safety assessment of recombinant rabies vaccine; Foods derived from genetically modified organisms; Genetic engineering for plant protection; Environmental and agricultural safety considerations of transgenic crops.

[Biosafety South Africa](#)

ensure access for all stakeholders to all the relevant regulatory and biosafety information, data and services, stimulate and facilitate strategic biosafety research and risk assessment studies on genetically modified organisms (GMOs) and other biotechnological products in South Africa, increase South Africa's capacity for risk assessment through skills development and the leveraging of funds to help ensure the development and utilisation of safe, sustainable biotechnological products, forge partnerships with individuals, organisations and countries where these collaborative efforts will lead to safer products and more efficient systems and stimulate sustainable growth in the local biotechnology industry by ensuring regulatory compliance of biotechnological products.

[BIOTECanada](#)

Responds to the needs of the biotechnology industry and research community in Canada and internationally; Provides a unified voice for agriculture, research, health, environment, and aquaculture biotechnology in Canada; Assists with regulation and policy advocacy, human resources, communications, intellectual property, and community services.

[Bio-Tech Infonet](#)

Provides a collection of news items and technical reports from magazines, newspapers, journals and the Internet on issues related to biotechnology, especially those critical of genetically modified crops in agriculture. Supported by the Wallace Genetic Foundation through a grant to the Consumer Policy Institute / Consumers Union.

[Biotechnology and Development Monitor](#)

A publication of the Department of Political Science of the University of Amsterdam and the

Netherlands' Ministry of Foreign Affairs. Reports local, national, and international applications of biotechnology of special interest to developing countries.

[Biotechnology: Food Security and Safety](#) can't find

The fourth volume of an electronic journal of the US Department of State focused on food safety issues of biotechnology. Provides many informative articles on broader issues related to GMOs and extensive links to many other biotechnology sites.

[OECD BioTrack Online](#)

Regulatory developments in biotechnology in OECD member countries; Indicates the Ministry/Agency for each OECD member country responsible for regulatory oversight of modern biotechnology products intended for release to the environment; Provides the relevant laws, regulations and/or rules, and contact points; Information on commercialized applications and product approvals.

[CamBioTec](#)

Facilitates biotechnology-based applications in the agri-food and environmental management fields of Latin America; Promotes agri-food industry development; Increases public awareness of risks and benefits.

[Canada Food Inspection Agency - Plant Biotechnology Office](#) link changed

Provides the Canada's agri-food and seed industries with current information on the safety assessment of plants with novel traits, confined trials, and unconfined releases.

[Center for Environmental Risk Assessment](#)

(formerly hosted by AGBIOS) includes not only plants produced using recombinant DNA technologies (e.g., genetically engineered or transgenic plants), but also plants with novel traits that may have been produced using more traditional methods, such as accelerated mutagenesis or plant breeding. These latter plants are only regulated in Canada.

[Center for Global Food Issues](#)

The Center uses its worldwide overview of food and farming to assess policies, improve farmers' understanding of the new globalized farm economy, and heighten awareness of the environmental impacts of various farming systems and food policies.

[Center for International Development at Harvard University](#)

Provides a forum for public debate on the role of biotechnology in global society especially as it relates to development of third world societies. Undertakes research and promotes dialogue on biotechnology policy with specific reference to international development. Includes papers and viewpoints presented at the International Conference on Biotechnology in the Global Economy held at Harvard University.

[CGIAR Research Centers](#) link changed

(Consultative Group on International Agricultural Research) Promotes sustainable agricultural development based on the environmentally sound management of natural resources. Links to the 16 International Agriculture Research Centers of CGIAR.

[Check Biotech](#)

Check Orphan

CheckOrphan is a non-profit organization located in Basel, Switzerland and Santa Cruz, California that is dedicated to rare, orphan and neglected diseases. CheckOrphan offers users an interactive and dynamic platform for all these diseases. This strategy allows visitors to be updated daily on all the latest news and interact with people internationally. This is essential, because due to the nature of these diseases, there is not a large concentration of individuals within any given proximity. However, through blogs, forums, communities and other interactive tools, individuals from around

the world will be able to interact. In addition, CheckOrphan will provide users with a virtual office space (which is a necessity due to demographical problems that these diseases pose), where they can come together from remote locations to work on projects and bring about change and solutions for rare, orphan and neglected diseases.

Biofuels

As the world's economy continues to grow, so does its dependency on energy resources. Some of the more commonly used sources are oil, coal and natural gas. However, all three are limited in nature. That is why significant resources are being deployed world-wide to find other more sustainable energy sources. One rapidly evolving field is the development of biofuels.

Greenbio

The global economy depends on agriculture in so many ways. From the clothes we wear and the food we eat, to the medicine and vitamins we take and the houses we live in. Genetics in agriculture has played a major role, and will only continue to play a larger role in the future due to the expanding knowledge of agricultural genetics.

In GreenBio, you can find news articles, events, reports and general information about the following fields that changing the way the world views agriculture.

[CIMMYT](#)

Develops improved germplasm, especially maize and wheat varieties with built-in genetic resistance; Conducts research on conserving natural resources, economics, biotechnology, crop physiology, and ecosystem management; Promotes conservation and utilization of maize and wheat genetic resources from throughout the world.

[Codex Alimentarius](#)

The Codex Alimentarius Commission was created in 1963 by FAO and WHO to develop food standards, guidelines and related texts such as codes of practice under the Joint FAO/WHO Food Standards Programme. The main purposes of this Programme are protecting health of the consumers and ensuring fair trade practices in the food trade, and promoting coordination of all food standards work undertaken by international governmental and non-governmental organizations.

[Competitive Enterprise Institute](#)

The Competitive Enterprise Institute is a non-profit public policy organization dedicated to advancing the principles of free enterprise and limited government.

[CONABIA Argentina](#) link changed

(National Advisory Committee on Agricultural Biosafety) Provides consultation and technical support to the Argentinean government on regulations concerning the introduction and environmental release of transgenic material.

[Convention on Biological Diversity](#)

Addresses all aspects of biological diversity: genetic resources, species, and ecosystems; Reports from meetings on Biosafety; maintains Biosafety Clearing-House; database of Conventions of the Parties (COP) decisions.

[Convention on Biodiversity, Clearing House Mechanism](#)

Mission

The Clearing-House Mechanism (CHM) of the Convention on Biological Diversity has been established further to [Article 18.3](#) of the Convention.

Further to [decision X/15](#), its mission is to contribute significantly to the implementation of the Convention on Biological Diversity and its [Strategic Plan for Biodiversity 2011-2020](#), through effective information services and other appropriate means in order to promote and facilitate scientific and technical cooperation, knowledge sharing and information exchange, and to establish a fully operational network of Parties and partners.

This mission is articulated around three major goals:

- The central clearing-house mechanism provides effective global information services to facilitate the implementation of the Strategic Plan for Biodiversity 2011-2020.
- National clearing-house mechanisms provide effective information services to facilitate the implementation of the national biodiversity strategies and action plans.
- Partners significantly expand the clearing-house mechanism network and services

Crop Biotechnology: Feeds for the Dairy Industry

Contains information on transgenic crop traits, regulations, feed trials and a consumer survey.

CSIRO: Genetic Engineering for Plant Improvement

Enhances plant performance and product quality through gene technology; Applies strategic research in the plant sciences to promote profitable and sustainable agri-food, fiber, and horticultural industries, develop novel plant products, and improve natural resource management.

DEFRA Department for Environment, Food and Rural Areas, Genetic Modification

Genetic modification is a biotechnology that is being used to make new products, in particular new types of crop plant.

Under European Union (EU) legislation, genetically modified organisms (GMOs), including GM crops, can only be released into the environment if a science-based risk assessment shows that safety will not be compromised.

Defra is the lead government department on the environmental safety of GMO releases, and also considers wider issues surrounding the use of GM crop technology.

The Food Standards Agency leads on the safety of GM food and feed, and on applications to market GM food and feed products.

Donald Danforth Plant Science Center

Facilitates interdisciplinary research in genetics, chemistry, cell biology, biochemistry, computational genomics, and structural biology to sustain productivity in agriculture, forestry, and allied fields, and to facilitate the rapid development and commercialization of promising technologies and products.

EFB European Federation of Biotechnology

(European Federation of Biotechnology) Stimulates interactions between research groups and the agri-industry to expand the range of food and non-food applications of biotechnology, help disseminate scientific information, and develop teaching aids for biotechnology.

EFB Biodiversity Section

Priority topics of the Section are: Benefits and threats from GMO's. How can Biodiversity help in research? Enhance the knowledge about soil microbiology. Biodiversity and Population Genetics: Active participation in the development and outlining of research programmes on an European level. For further information, please contact the Chairman of the Section: Prof. Dr. Klaus Ammann, klaus.ammann@ips.unibe.ch

EFB homepage Forum on Green Biotechnology

Forum on ASK-FORCE blogs, moderated by Klaus Ammann, klaus.ammann@ips.unibe.ch

EFB Task Group on Biosafety

The objective of the Task Group on Safety in Biotechnology is to help maintain the excellent safety record of biotechnological operations through its activities and by creating an information network through its members and members from other organisations.

EFB Task Group of Education, Mobility and Professional Qualifications

The Task Group on Education, Mobility and Professional Qualifications is composed of scientists and managers committed to higher education in the field of biotechnology, in fostering people's mobility

within the European Research Area and beyond, and in ensuring professional qualifications are equally recognised across the European Union.

[EFB list of Sections](#)

Sections, Working Groups and [Task Groups](#) are the keystones of EFB as they initiate and organize most of the EFB's activities.

Sections are devoted to a particular field of biotechnology and open to all personal members of EFB. More than 2000 individuals throughout Europe and beyond currently participate in one or more EFB Sections according to their special scientific interests.

[Electronic Journal of Biotechnology](#)

Publishes electronic journal articles in biotechnology including molecular biology and the chemistry of biological processes, aquatic and earth environmental aspects, computational applications, and policy issues directly related to biotechnology.

[EuropaBio](#)

EuropaBio has a board of management made up of representatives of member companies. The board is supported by the EuropaBio secretariat who carry out day to day activities and is managed by a Secretary General. The three main segments of Biotechnology are represented through sectoral councils: Healthcare (Red Biotech), Industrial (White Biotech) and Agri-Food (Green Biotech). Through our National Associations Council (NAC) and horizontal SME Platform, we represent 1800+ SMEs at a Member State Level. Experts from member companies actively participate in working groups and taskforces which cover a wide range of issues and concerns particular to their industry. Each council, working group or taskforce is chaired by a member and is coordinated by a EuropaBio staff member.

[European Plant Biotech Network](#)

Provides information about plant biotechnology research, funded by the European Commission, designed to improve the nutritional value of food products, create stress-tolerant and disease-resistant plants for agriculture, and aid biodiversity monitoring to help protect the environment.

[European Commission Agriculture and Rural Development](#)

Integrating environmental concerns into the Common Agricultural Policy aims to head off the risks of environmental degradation and enhancing the sustainability of agro-ecosystems.

Around half the EU's land is farmed. Farming is important for the EU's natural environment. Farming and nature influence each other:

Farming has contributed over the centuries to creating and maintaining a unique countryside. Agricultural land management has been a positive force for the development of the rich variety of landscapes and habitats, including a mosaic of woodlands, wetlands, and extensive tracts of an open countryside.

The ecological integrity and the scenic value of landscapes make rural areas attractive for the establishment of enterprises, for places to live, and for the tourist and recreation businesses.

[European Commission, Research GMOs](#)

This website provides a comprehensive review of the results of EC-supported research into the safety of Genetically Modified Organisms.

It presents research carried out under successive EC Framework Programmes for Research and Technological Development from 1985 (Biotechnology Action Programme) to 2000 (Fifth Framework Programme).

[European Commission Directorate General for Health and Consumers](#)

Our vision is 'Europe working for healthier, safer, more confident citizens.'
Our activities touch the everyday lives of Europeans.

We all expect to live safe, healthy and full lives. We expect our health and our rights to be protected throughout the EU to the same high standards.

Our goal is to meet these expectations. We do not pretend that a zero-risk society is possible but we strive to earn your confidence by being open and professional in managing the risks.

We aim to: Empower you as [consumers](#), Protect and improve your [health](#), Ensure your [food](#) is safe and wholesome, Protect the health and welfare of our [animals](#), Protect the health of our [plants](#)

[European Commission Joint Research Centre](#)

The purpose of this web site, managed by the [Joint Research Centre](#) of the [European Commission](#) on behalf of the [Directorate General for the Environment](#) is to publish information and to receive comments from the public regarding notifications about deliberate field trials and placing on the market of genetically modified organisms, as defined in [Directive 2001/18/EC of the European Parliament and of the Council of 12 March 2001](#).

[European Food Information Council](#) EUFIC

The European Food Information Council (EUFIC) is a non-profit organisation which provides science-based information on food safety & quality and health & nutrition to the media, health and nutrition professionals and educators, in a way that promotes consumer understanding.

[European Food Safety Authority](#) EFSA

The Panel on Genetically Modified Organisms (GMO) deals with genetically modified organisms and genetically modified food and feed. The Panel is supported by the GMO Unit.

The Panel on Genetically Modified Organisms (GMO) provides independent scientific advice on the safety of: Genetically modified organisms (GMOs) such as plants, animals and micro-organisms, on the basis of [Directive 2001/18/EC on the deliberate release into the environment of genetically modified organisms](#), Genetically modified food and feed, on the basis of [Regulation \(EC\) No 1829/2003 on genetically modified food and feed](#)

[FAO Food and Agriculture Organization of the United Nations](#) Agricultural Biotechnologies

FAO Statement on Biotechnology

The statement was published in [March 2000](#) on the occasion of the "Codex Alimentarius Ad Hoc Intergovernmental Task Force on Foods Derived from Biotechnology" meeting in Japan.

Biotechnology provides powerful tools for the sustainable development of agriculture, fisheries and forestry, as well as the food industry. When appropriately integrated with other technologies for the production of food, agricultural products and services, biotechnology can be of significant assistance in meeting the needs of an expanding and increasingly urbanized population in the next millennium.

There is a wide array of "biotechnologies" with different techniques and applications. The Convention on Biological Diversity (CBD) defines biotechnology as:

"any technological application that uses biological systems, living organisms, or derivatives thereof, to make or modify products or processes for specific use".

[Food Animal Biotechnology Center](#) link changed

A clearinghouse of information used to develop competitive, integrated food production systems that provide safe, economical food products through the utilization of molecular tools and methods. Emphasizes health and disease resistance, modulation of growth and reproduction, and development of genetic maps and markers for biological performance.

[Food Biotechnology Communications Network](#)

Provides information about food biotechnology with links to specialized organizations and individuals, information referrals, monthly fax newsletter, regional network of experts, and issues management activities.

[Food Science Central](#)

A review of websites providing information relevant to the subject of genetically modified (GM) food and particularly safety of GM food is presented.

Genetically Engineered Food -- Safety Problems

Physicians and Scientists for Responsible Application of Science and Technology (PRAST)

<http://www.psrast.org/intropage.htm>

[Gene Technology Information Unit \(GTIU\)](#) link changed

Reviews of and guidelines for all work involving gene technology for Australian regulatory authorities; Specific reports on the assessment and management of biosafety risk factors, labeling, herbicide and pest resistant crops, and patenting and gene technology.

[GM Food Safety Assessment](#)

An index of online resources concerning GM food safety from governments, universities, industry and NGOs.

[GM Obelus](#) moderated by Andrew Apel

Updated every weekday, the [Latest News](#) section provides executive summaries of news and documents of current interest in the field. Outgoing links to the full text of the original sources should be good for at least the date of first appearance.

The [Current Issues](#) page is updated occasionally and complements the latest news by offering discussion and analysis of the dynamics which drive current and future events in the field.

The [Featured](#) section presents a recent, topical, full-length article or document of more than usual importance.

[GMO Pundit a.k.a. David Tribe](#) [see the full profile of David Tribe](#)

The blogs of David Tribe are probably the most comprehensive news system existing, in its daily activity pace it is unmatched by even the most potent systems like ISAAA and Checkbiotech.

[The Full Monty by GMO Pundit](#)

The Full Monty is where GMO Pundit keeps all those extra details that would clog up the main GMO Pundit page. It should only be used by consenting adult GMO buffs who wish to tackle The Full Monty. The rest of us can move right along. First of all go to: gmopundit.blogspot.com and use the Blogsearch tool to find what you want (Puzzled by The Full Monty expression? go to <http://www.worldwidewords.org/articles/monty.htm>)

you find here an extensive list of GM related links and also blogs

[GMO Safety](#) moderated by Prof. Christina Sinemus, Darmstadt, Genius GmbH

Sponsored by the Federal Ministry of Education and Research

On Genetic Engineering, Plants, Environment

The *GMO-Safety.eu* site is being developed as part of the collaborative project on Communications management in biological safety research commissioned by the Federal Ministry of Education and Research (BMBF). The BMBF is not responsible for the information presented on *GMO-Safety.eu*.

The *GMO-Safety.eu* editorial team is independent and is not bound by any instructions.

[GMO-Compass](#) moderated by Prof. Christina Sinemus, Darmstadt and Gerd Spelsberg

This website is the work of independent science journalists. The writers of GMO Compass are not contractually restricted and exercise journalistic freedom in the selection and presentation of the website's content. Statements conveyed by GMO Compass are not necessarily identical to those held by the European Commission, other EU agencies or GBE.

The task of GMO Compass is to collect objective, science-based information on the use of genetic

engineering in the agri-food industry and present it to the public in a way that is easy to understand and readily accessible.

[Golden Rice Project](#)

This site is maintained by the Golden Rice Humanitarian Board with the purpose of providing information on the background and progress of the Golden Rice Humanitarian Project.

[GrainGenes](#)

A compilation of molecular and phenotypic information on wheat, barley, oats, rye, and sugarcane; Outlines priority needs for biotechnological approaches to wheat and barley improvement; Supported by the USDA/NAL Plant Genome Research.

<http://www.highyieldconservation.org/declaration.html>

What do Norman Borlaug, Patrick Moore, Oscar Arias, George McGovern, Eugène Lapointe, James Lovelock and Per Pinstrup-Andersen each have in common? They have all signed this important declaration.

[ICGEB Biosafety Web Pages](#)

Promotes the safe use of biotechnology worldwide with special regard to the needs of the developing world. Includes a library of selected documents on biosafety, links to biosafety-related webpages, and bibliographic database on biosafety studies published since 1990.

[Info AgBiotech](#) link changed

Special reports, technical information, and regulations on biotechnology including CODEX and Food Labeling; Plants with Novel Traits; Livestock Animals Derived from Biotechnology; and Biofertilizers. Maintained by the Office of Biotechnology of Canadian Food Inspection Agency.

[Information Systems for Biotechnology](#)

Information Systems for Biotechnology (ISB) provides information resources to support the environmentally responsible use of agricultural biotechnology products. Here you will find documents and searchable databases pertaining to the development, testing and regulatory review of genetically engineered (GE) plants, animals and microorganisms within the United States and abroad.

[Informing the Dialogue about Agricultural Biotechnology](#)

This site provides information on some of Cornell's educational efforts on agricultural biotechnology. It includes PDF files for three Cornell-prepared brochures. The site also includes video streaming links to the 29 presentations from the Cornell Conference on Agricultural Biotechnology, held in Ithaca, NY, in November 2000.

[Institute for Biotechnology Information \(IBI\)](#)

Provides information on commercial biotechnology to organizations worldwide in a variety of formats, including databases, publications, and special studies. Provides Information Systems for Biotechnology with the Companies, State Contacts, and Biotechnology Centers databases.

[Institute for Trade, Standards and Sustainable Development ITSSD](#)

Provides an informed, reasoned, and dispassionate voice to the global public debate.

[International Field Test Web Sites](#) link changed

A list of Web sites containing information about field tests in several countries. Provided by Ann Courtmanche at Rutgers University.

[International Food Information Council: Food Biotechnology](#) **Food insight** link changed

A nonprofit organization based in Washington, D.C. that provides reports, brochures, resources, and general information on food biotechnology to journalists, health professionals, educators, government officials, and consumers.

[International Information Program: Global Issues on Biotechnology](#) link changed

Provides the US Government with information on agricultural biotechnology; Recent congressional testimony on biotechnology regulatory issues; Links to international agreements on biosafety and biodiversity protocols, US Government regulatory oversight departments, and industry associations.

[International Service for the Acquisition of Agri-biotech Applications \(ISAAA\)](#)

Facilitates the transfer of agricultural biotechnology applications from industrial to developing countries; Counsels developing countries on the testing of biotech products; Assists in the implementation of biosafety and food safety regulatory procedures, the deployment of resistance genes, and with intellectual property rights.

[IRRO Databases on Environmental Releases](#) link changed

(Information Resource for the Release of Organisms to the Environment) An information network run on a non-profit basis, which aims to provide access to all types of information relevant to the release of animals, plants, and microorganisms into the environment.

[ISBR International Society for Biosafety Research](#)

The International Society for Biosafety Research – ISBR - aims to promote scientifically sound biosafety research. The society focuses on the scientific aspects of environmental biosafety research and provides a fair and welcoming exchange platform for scientists, regulators and developers. The society also builds bridges between different interest groups including those that normally are not involved in the scientific process.

ISBR supports the distribution of high quality scientific information that can ultimately support informed decision-making by its publications and by organising the International Symposium on the Biosafety of Genetically Modified Organisms (ISBGMO), which constitutes the sole internationally-recognized forum on the topic.

[ISNAR Biotechnology Website](#)

Provides information on ISNAR's activities in agricultural biotechnology by addressing the policy, management, and organizational needs of countries in the process of building capacity and competency in biotechnology.

[Max Planck Institute of Molecular Plant Physiology Wissenschaftspark Golm](#)

Our intention is to provide an overview about the different research topics and further information that might be of interest to you. The Max Planck Institute of Molecular Plant Physiology (MPI-MP) was founded in 1994 and developed in the past years to one of the world's leading plant physiology institutes. The MPI-MP is devoted to fundamental research and studies the dynamics of plant metabolism in the context of the plant system as a whole.

[Max Planck Institute for Plant Breeding Research Cologne](#)

The Max Planck Institute for Plant Breeding Research conducts basic molecular biological research on plants with the goal of developing more efficient breeding techniques and environmentally sound plant protection strategies for industrial crops. Four research departments focus inquiry on the evolution of plants, genetic makeup, development, and environmental interaction.

[National Agricultural Biotechnology Council \(US\)](#)

Compiles and disseminates information to and facilitates active communication among researchers, administrators, policymakers, practitioners, and others to ensure the safe and efficacious development of biotechnology.

[National Biotechnology Information Facility](#)

Provides access to and distribution of biotechnology data among researchers, and training in biotechnology. Active in developing new sources and types of biotechnology databases.

[National Biotech Register](#)

An Online Guide to over 10,000 Biotechnology and Pharmaceutical Companies.

[National Center for Biotechnology Education](#)

Maintained by the University of Reading. Offers innovative resources for biotechnology education.

[NIH Guidelines for Research Involving Recombinant DNA Molecules](#)

(National Institutes of Health) Specifies practices for constructing and handling: (i) recombinant deoxyribonucleic acid (DNA) molecules, and (ii) organisms and viruses containing recombinant DNA molecules.

[OECD's Database of Field Trials](#) maybe link?

A searchable database that includes records of field trials of genetically modified organisms which have taken place in OECD Member countries and contains data from other countries provided through UNIDO's BINAS. Summaries of the data are available.

[OECD BioTrack Online](#)

Regulatory developments in biotechnology in OECD member countries; Indicates the Ministry/Agency for each OECD member country responsible for regulatory oversight of modern biotechnology products intended for release to the environment; Provides the relevant laws, regulations and/or rules, and contact points; Information on commercialized applications and product approvals.

[On-Line Courses in Biotechnology](#)

Iowa State University's site for on-line courses in biology, including biotechnology.

[Performance Standards for Safely Conducting Research With Genetically Modified Fish and Shellfish](#)

A tool for risk assessment and risk management of genetically modified fish and shellfish developed by a US Department of Agriculture-sanctioned working group. The program can also be accessed through the ISB website under "Risk Assessment," then "Transgenic Fish."

[Public Research and Regulation Initiative](#) homepage

PRRI is a worldwide initiative of public sector scientists who conduct research in modern biotechnology for the public good. The 'raison d'être' of PRRI is to offer public researchers a forum to be informed about and to be involved in international regulations and discussions.

[Members](#) of PRRI are scientists in academia, government research institutes and international organisations from all over the world. PRRI's activities are conducted by [Working Groups](#), coordinated by a [Steering Committee](#) and supported by the [PRRI Secretariat](#). For the purpose of receiving funding and paying expenses, a Foundation has been established.

[PRRI homepage Forum on Green Biotechnology](#) Public Research and Regulation Initiative Forum on ASK-FORCE blogs, moderated by Klaus Ammann, Klaus.ammann@ips.unibe.ch

[The Plant Journal - special articles on GM Technology](#)

The Plant Journal is published by Blackwell Science in conjunction with the Society for Experimental Biology. The site's focus is publishing original research papers in all key areas of modern plant biology from the world's leading laboratories, to provide a dynamic forum for this ever growing international research community.

[REDBIO/FAO](#)

A Technical Cooperation Network on Plant Biotechnology formed to accelerate the process of adaptation, generation, transfer, and application of plant biotechnology to contribute to the solution of crop production constraints and genetic resources conservation for the countries of the Latin American and Caribbean region.

[Robert Koch Institute \(RKI\) - Center for Gene Technology](#) link changed

Monitors the safety evaluation of genetic resources; Provides procedures for release and marketing of genetically modified organisms under the German legislation; Maintains databases of field trials in Germany and the EU, releases of GMOs, a list of products placed on the market in the EU, and regulations in other countries.

[Technology Assessment at the German Bundestag TAB](#)

The Office of Technology Assessment at the German Bundestag is an independent scientific institution created with the objective of advising the German Bundestag and its committees on matters relating to research and technology.

[The Royal Society - Genetically Modified Plants for Food Use](#)

Reviews current regulatory controls both in the UK and in Europe, and addresses questions of gene transfer from GM crops, other specific concerns of environmental harm, and issues related to GM plants as food.

[Scientists for Labor](#)

Works to ensure that the government of the day maintains a clear commitment to science in the United Kingdom.

[Straight Talk About Biotechnology](#)

Dupont has put together a website focusing on the history, science, safety and promise of biotechnology. The site contains a wealth of information that is useful for individuals new to the science.

[US Department of Agriculture](#)

Mission Statement: We provide leadership on food, agriculture, natural resources, and related issues based on sound public policy, the best available science, and efficient management.

Vision: We want to be recognized as a dynamic organization that is able to efficiently provide the integrated program delivery needed to lead a rapidly evolving food and agriculture system.

[US Food and Drug Administration: Biotechnology](#) link changed

Information is supplied by the Center for Food Safety and Applied Nutrition on issues pertaining to bioengineered foods including announcements, education, policy statements, consultation procedures, and consumer information.

[Union of Concerned Scientists](#)

Scientific Integrity: Political interference in federal government science is weakening our nation's ability to respond to the complex challenges we face. Because policy makers depend on impartial research to make informed decisions, we are mobilizing scientists and citizens alike to push for reforms that will enable our leaders to fully protect our health, safety, and environment.

[United Nations Environment Programme International Register on Biosafety](#) link changed

Contains information from many sources on biosafety focusing on the establishment of a regulatory framework for the safe development, transfer, and application of biotechnology. Provides a list of links to other Web sites concerning biosafety, biotechnology, and biodiversity.

[US Department of Agriculture](#)

Mission Statement: We provide leadership on food, agriculture, natural resources, and related issues based on sound public policy, the best available science, and efficient management.

Vision: We want to be recognized as a dynamic organization that is able to efficiently provide the integrated program delivery needed to lead a rapidly evolving food and agriculture system.

[USDA Agricultural Biotechnology Information](#)

Describes the USDA's role in regulating and monitoring the use of biotechnology for agriculture;

Includes statements by the Secretary of Agriculture. Provides regulatory oversight in biotechnology, including laws, regulations, and rules; Permitting/notification information; Research and trade issues.

[USDA/APHIS Biotechnology and Scientific Services](#)

Regulates the importation, interstate movement, and environmental release of certain genetically engineered plants and microorganisms under Federal Regulations.

[USDA/APHIS Transgenic Arthropod Team](#)

Involved with the regulation of transgenic arthropods and other invertebrates, which may include reviewing applications, contributing to or reviewing environmental assessments, proposing modifications in existing procedures, and liaising with the user community.

[USDA Biotechnology Risk Assessment Research Grants \(BRARGP\)](#)

Assists Federal regulatory agencies in making science-based decisions about the safety of introducing into the environment genetically modified organisms, including plants, microorganisms, fungi, bacteria, viruses, arthropods, fish, birds, mammals, and other animals. Provides scientific information derived from the risk assessment research it funds.

[USDA National Agricultural Library Biotechnology Information Center](#)

Provides access to agricultural biotechnology related information services and publications; Includes theory and techniques of genetic engineering, plant and animal genetics, monoclonal antibodies, single cell proteins, food processing, biomass applications, risk assessment, and bioethics; Provides reference and resource lists of newsletters, bibliographies, reports, Web sites, and patent information.

[US EPA Toxic Substances Control Act Office of Pollution Prevention and Toxics](#)

Created to allow more efficient public, governmental, and educational access to the TSCA Biotechnology Program; Provides Program regulation, supplementary documents created to support this regulation, and status reports on the submissions, reviews, and agreements undertaken by the program.

[US Food and Drug Administration: Biotechnology](#)

Information is supplied by the Center for Food Safety and Applied Nutrition on issues pertaining to bioengineered foods including announcements, education, policy statements, consultation procedures, and consumer information.

[US Regulatory Oversight in Biotechnology](#)

Presents an overview of the activities of agencies primarily responsible for regulating biotechnology in the United States: the US Department of Agriculture (USDA), Environmental Protection Agency (EPA), and the Food and Drug Administration (FDA).

[Value enhanced Grains](#) link changed

Vegrains.org is a site dedicated to Value-Enhanced Grains (VEG) that encourages the growing opportunity to provide new solutions to the farm, feed and food sectors—both economically and environmentally. The site is sponsored by the U.S. Grains Council and has funding support from the U.S. Department of Agriculture.

[World Food Science and Technology WFL Publisher](#)

A team of experts in food, health, agriculture and environment based in Helsinki, Finland whose commitment is to promote science and development and to disseminate news and information. *WFL Publisher* is a leading Scandinavian science publisher. We bring you the highest quality academic research works. Our focus is on the finest scholarly works in Life Sciences. We eagerly look to the future as we continue to bring hallmarks of new science research and development to higher education.

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