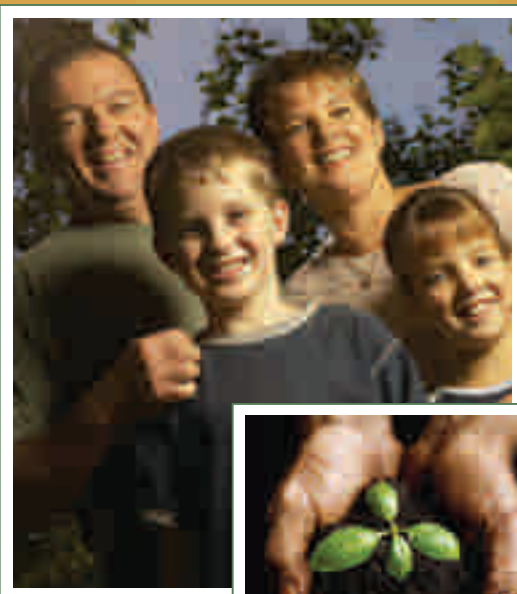




## Feeding the Future

How Biotechnology  
Plays a Vital Role in Providing  
Safe and Healthy Food



## Feeding the Future

### CA Healthy Foods Coalition

P.O. Box 15481 • Sacramento, CA 95851

phone 916-561-5634 • fax 916-561-5693

[info@feedingthefuture.org](mailto:info@feedingthefuture.org)

[www.feedingthefuture.org](http://www.feedingthefuture.org)



## What is Biotechnology?



Agricultural biotechnology is a collection of techniques, including genetic engineering, to improve plants and to enhance the environment on farms. Through genetic engineering, scientists are able to cut and paste desirable genes from one molecule of DNA to another. This precise technology allows for the transfer of specific, desirable genes, unlike traditional crossbreeding, which transfers a whole host of genes, including unwanted ones.

Biotech crops have proven to be beneficial to the environment and offer great promise for future generations. With continued advances in agricultural technology, today's farmer is far more effective in meeting the expectations of modern consumers.



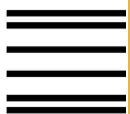
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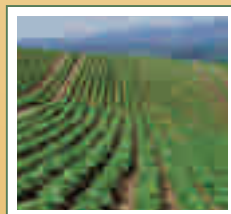
## Producing Safe & Healthy Food

Agricultural advancements have improved the quality of many foods American consumers have been enjoying for more than 20 years.



## Providing for Our Future

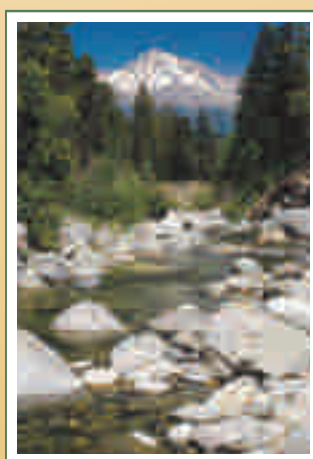
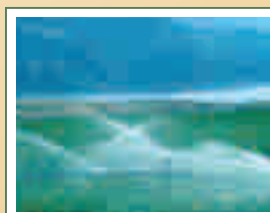
Agricultural land is rapidly becoming scarcer as land is lost to urban development. This requires future farming to be as resourceful as it is rewarding. With an eye to the future, today's family farmers have embraced the science of biotechnology. They are planting for America's future.



## Enhancing the Environment

Biotech crops require the application of fewer crop protection materials, which decreases the time a tractor drives through a field. Therefore, biotech crops:

- Improve air quality by reducing diesel emissions
- Advance water quality by decreasing soil compaction
- Encourage water conservation by lessening the amount of airborne dust particles which cuts the amount of water used to keep the dust down.



## Protecting the Wilderness & Open Space

With the world's population significantly on the rise, and increasing pressures from urbanization, California farmers need to produce more food on less land.

Biotechnology has the potential to preserve our family farms and remaining wilderness by making existing farmland even more productive.

## How Do We Know Biotech Crops are Safe?



All biotech products on the marketplace today have gone through seven to 10 years of scientific testing and review, and millions of dollars in research. These products have been thoroughly reviewed by scientists working for the U.S. Environmental Protection Agency, the U.S. Department of Agriculture and/or the Food and Drug Administration. Those agencies review and approve crops on a case-by-case basis.



## Endorsements

Numerous scientific and health organizations around the world agree that biotech crops present no unique safety risks when compared to other crops. Here is a sample of the organizations that have endorsed the use of biotech crops:

- U.S. National Academy of Sciences
- American Medical Association
- United Nations, Food and Agricultural Organization
- World Health Organization



## In the Pipeline

Hypoallergenic wheat

Slow-Grow or No-Mow grass

Green algae "Energy Farms"

Cancer treatments



## Thank You for Your Support!

Your support will assist us in increasing our outreach efforts by further educating the public about the benefits of biotechnology.

Your information will be used to keep you up-to-date with the latest news in the biotech arena, unless otherwise permitted.

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Occupation

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|--|---|
| <input type="checkbox"/> Host an event           | <input type="checkbox"/> Recruit volunteers |
| <input type="checkbox"/> Speaker                 | <input type="checkbox"/> Media relations    |
| <input type="checkbox"/> Letters to the editor   | <input type="checkbox"/> Fund-raising       |
| <input type="checkbox"/> Link my website to CHFC | <input type="checkbox"/> Other              |

### Interests:

- |                                      |                                    |                                |
|--------------------------------------|------------------------------------|--------------------------------|
| <input type="checkbox"/> Farming     | <input type="checkbox"/> Education | <input type="checkbox"/> Jobs  |
| <input type="checkbox"/> Environment | <input type="checkbox"/> Health    | <input type="checkbox"/> Other |

Please e-mail me the *Feeding the Future* Newsletter.

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