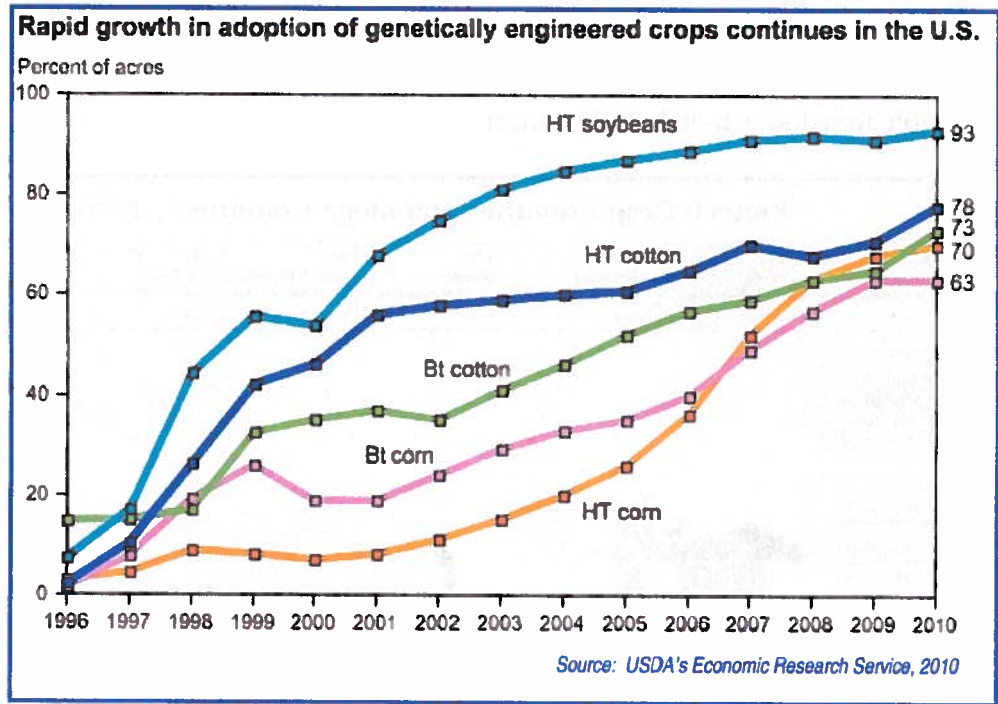


## Biotech Acreage Grows Worldwide

For over a decade, agricultural biotechnology has provided solutions for the world's farmers in the form of plants that yield more per acre and reduce production costs while being resistant to disease and insect pests.

America has led this "green revolution" since biotech crops were first commercialized in 1996. In 2010, adoption of biotech soybeans reached 93 percent, adoption of biotech cotton reached 93 percent, and adoption of biotech corn reached 86 percent.



**In our modern society, the benefits of biotechnology are being felt around the world.**

That's because biotech crops are healthier and produce more food, often in areas with less-than-adequate growing conditions. Biotech crops also have less impact on the environment than conventional crops.

**A record 15.4 million farmers in 29 countries are using this science today, and this trend continues to grow. Ninety percent (14.4 million) of these are resource-poor farmers in developing countries.**

In the near future, we'll see crops that will be resistant to stresses like drought and flooding, and crops that use soil nutrients more efficiently.

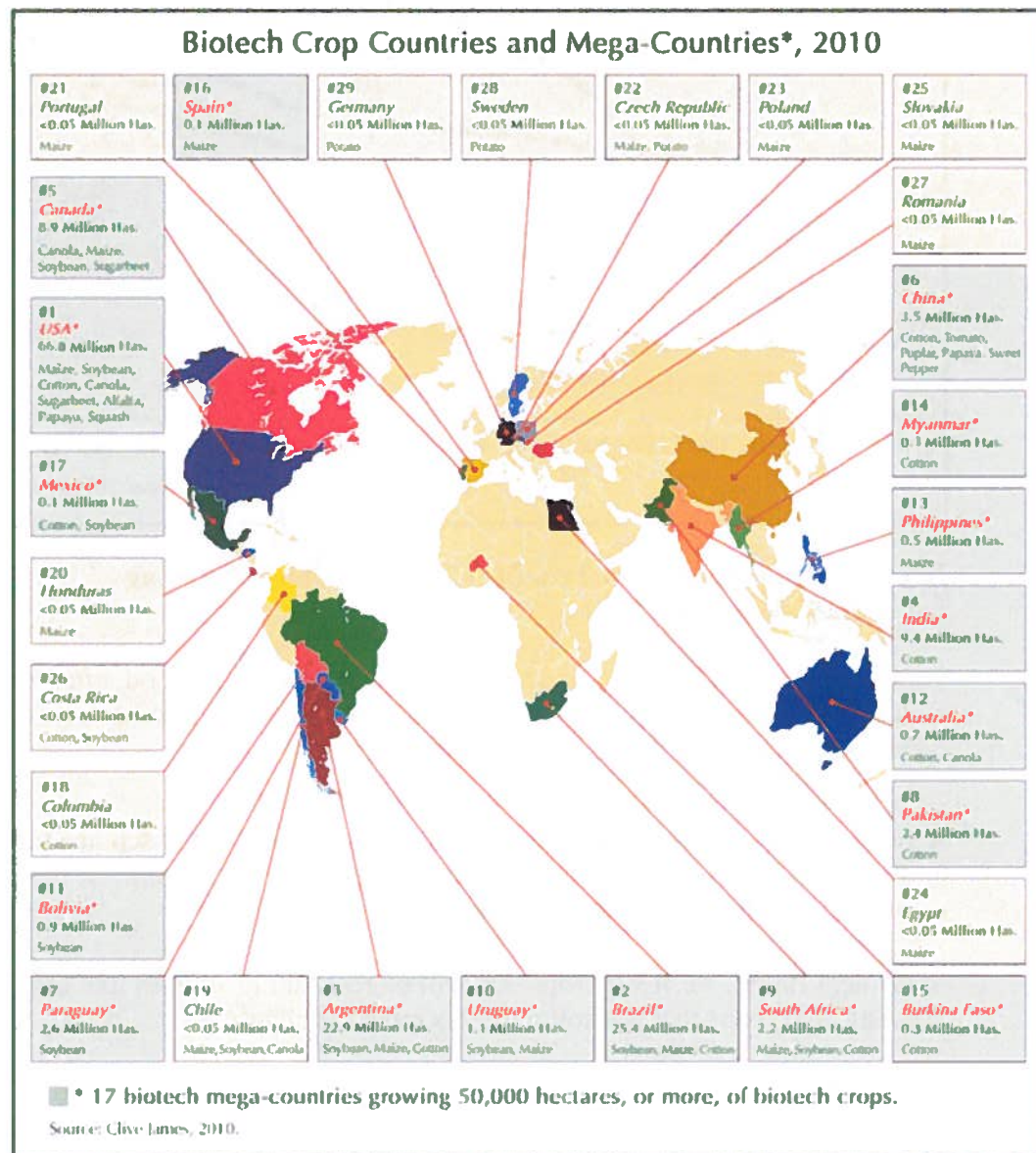
## Biotech's Contributions to Sustainable Agriculture

Biotechnology helps plants **resist disease and pests**. A genetically enhanced virus-resistant papaya restored the Hawaiian papaya industry from devastation due to diseases.

Biotech crops **require less tilling and reduced pesticide applications**, so farmers save fuel and reduce carbon dioxide emissions. This also improves soil health and water retention.

Biotech crops can be engineered to **tolerate environmental stresses** like drought and flooding, and use soil nutrients more efficiently.

Foods can be **fortified with more nutrients**, thanks to biotechnology. Golden Rice can help children with Vitamin A deficiency; Biotech cassava can provide a day's worth of nutrition in a single meal; Nutrient-enhanced soybeans can be bred to produce heart-healthy oils; and biotech purple tomatoes can help fight cancer.



\*The International Service for the Acquisition of Agri-Biotech Applications (ISAAA) report, *Global Status of Commercialized Biotech/GM Crops: 2010*, is posted at [www.isaaa.org](http://www.isaaa.org).