

# GENETIC TRAITS EXPRESSED IN GMOs IN THE U.S.

## APPROVED AND COMING TO MARKET SOON

### APPLE

**Genetic Traits**  
Non-browning  
**Uses:** Food



### POTATO

**Genetic Traits**  
Reduced Bruising  
and Black Spot,  
Non-browning,  
Low Acrylamide  
**Uses:** Food



### FIELD CORN

**Genetic Traits**  
Insect Resistance  
Herbicide Tolerance

**Uses:**

- Livestock and poultry feed
- Fuel ethanol
- High-fructose corn syrup and other sweeteners
- Corn oil
- Starch
- Cereal and other food ingredients
- Alcohol
- Industrial uses



### CANOLA

**Genetic Traits**  
Herbicide Tolerance  
**Uses:** Cooking oil,  
Animal feed



### ALFALFA

**Genetic Traits**  
Herbicide Tolerance  
**Uses:** Animal feed



### SOYBEAN

**Genetic Traits**  
Insect Resistance  
Herbicide Tolerance

**Uses:**

- Livestock and poultry feed
- Aquaculture
- Soybean oil (vegetable oil)
- High oleic acid (monounsaturated fatty acid)
- Biodiesel fuel
- Soy milk, soy sauce, tofu, other food uses
- Lecithin
- Pet food
- Adhesives and building materials
- Printing ink
- Other industrial uses



### RAINBOW PAPAYA

**Genetic Traits**  
Disease resistance  
**Uses:** Table fruit



### COTTON

**Genetic Traits**  
Insect Resistance  
Herbicide Tolerance  
**Uses:** Fiber, Animal feed,  
Cottonseed oil



### SUGAR BEET

**Genetic Traits**  
Herbicide Tolerance  
**Uses:** Sugar, Animal feed



### SWEET CORN

**Genetic Traits**  
Insect Resistance  
**Uses:** Food



### SUMMER SQUASH

**Genetic Traits**  
Disease resistance  
**Uses:** Food



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- **Best Food Facts** features information from university-based experts (PhDs and RDs) on many facets of food production, preparation, and consumption: [www.bestfoodfacts.org](http://www.bestfoodfacts.org)
- **Biology Fortified** provides information and fosters discussion about issues in biology with an emphasis on plant genetics and GMOs: [www.biofortified.org](http://www.biofortified.org)
- **Common Ground** promotes conversation between women who grow food and women who buy it: [www.findourcommonground.com](http://www.findourcommonground.com)
- **CropLife International Database** includes nearly 500 scientific studies chronicling the safety and benefits of agricultural biotechnology: [www.biotechbenefits.croplife.org](http://www.biotechbenefits.croplife.org)
- **U.S. Farmers & Ranchers Alliance** focuses on creating dialogue around current topics related to food production: [www.fooddialogues.com](http://www.fooddialogues.com)
- **Food Insight from the International Food Information Council** provides numerous resources on GM foods: [www.foodinsight.org/foodbioguide.aspx](http://www.foodinsight.org/foodbioguide.aspx)
- **GENERAL Database** (also by Biology Fortified) makes studies on GM food easy to find: [www.biofortified.org/genera/guide/](http://www.biofortified.org/genera/guide/)
- **GMO Answers** enables consumers to ask questions about GMOs and get answers from independent and industry experts: [www.gmoanswers.com](http://www.gmoanswers.com)
- **Grocery Manufacturers Association** provides facts and the latest news on GMOs including the food industry's position on mandatory GMO labeling: [www.factsaboutgm.org](http://www.factsaboutgm.org)
- **The International Service for the Acquisition of Agri-Biotech Applications** provides communication materials and annual updates on the global status of GM crops: [www.isaaa.org](http://www.isaaa.org)

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