

FAQ ON GMOs

From the Non-GMO Project (<http://www.nongmoproject.org/>)

WHAT ARE GMOs? ARE GMOs SAFE TO EAT?

GMOs, or "genetically modified organisms," are plants or animals created through the gene splicing techniques of biotechnology (also called genetic engineering, or GE). This experimental technology merges DNA from different species, creating unstable combinations of plant, animal, bacterial and viral genes that cannot occur in nature or in traditional crossbreeding. Virtually all commercial GMOs are engineered to withstand direct application of herbicide and/or to produce an insecticide. Despite biotech industry promises, none of the GMO traits currently on the market offer increased yield, drought tolerance, enhanced nutrition, or any other consumer benefit. Meanwhile, a growing body of evidence connects GMOs with health problems, environmental damage and violation of farmers' and consumers' rights.

Most developed nations do not consider GMOs to be safe. In more than 60 countries around the world, including Australia, Japan, and all of the countries in the European Union, there are significant restrictions or outright bans on the production and sale of GMOs. In the U.S., the government has approved GMOs based on studies conducted by the same corporations that created them and profit from their sale. Increasingly, Americans are taking matters into their own hands and choosing to opt out of the GMO experiment.

ARE GMOs LABELED?

Unfortunately, even though polls consistently show that a significant majority of Americans want to know if the food they're purchasing contains GMOs, the powerful biotech lobby has succeeded in keeping this information from the public. In the absence of mandatory labeling, the Non-GMO Project was created to give consumers the informed choice they deserve.

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WHAT ARE THE IMPACTS OF GMOs ON THE ENVIRONMENT?

Over 80% of all GMOs grown worldwide are engineered for herbicide tolerance. As a result, use of toxic herbicides like Roundup has increased 15 times since GMOs were introduced. GMO crops are also responsible for the emergence of "super weeds" and "super bugs," which can only be killed with ever more toxic poisons like 2, 4-D (a major ingredient in Agent Orange). GMOs are a direct extension of chemical agriculture, and are developed and sold by the world's biggest chemical companies. The long-term impacts of GMOs are unknown, and once released into the environment these novel organisms cannot be recalled.

HOW DO GMOs AFFECT FARMERS?

Because GMOs are novel life forms, biotechnology companies have been able to obtain patents with which to restrict their use. As a result, the companies that make GMOs now have the power to sue farmers whose fields are contaminated with GMOs, even when it is the result of inevitable drift from neighboring fields. GMOs therefore pose a serious threat to farmer sovereignty and to the national food security of any country where they are grown, including the United States.

HOW CAN I AVOID GMOs?

In the U.S., GMOs are in as much as 80% of conventional processed food. To avoid GMOs, look for the Non-GMO Project Verified label. For more information, and for a current list of Non-GMO Project Verified Products, please visit this website: www.nongmoproject.org