

Mexico Bans GMO Corn



But in the US it isn't even labeled

More than 60 countries regulate or ban production or use of GMO crops

What is a GMO?

A GMO (genetically modified organism) is created in a laboratory, where the DNA of one or more creatures is extracted and artificially forced into the genes of an unrelated plant or animal. The foreign genes may come from bacteria, viruses, insects, animals or even humans. For example, genes from a cold water fish may be inserted into tomatoes to produce tomatoes that will grow in cold climates.

The GMO process produces plants that would not occur in nature. The GMO plant is not a hybrid. A hybrid is created when two similar parent plants are cross-pollinated.

Compiled by LabelGMOs San Diego
www.labelgmos.org/sandiego

Brochures can be downloaded from
www.truthinlabeling.org/GMOaBrochure.pdf

Are GMOs Safe for Humans?

GMO crops are genetically engineered to:

- produce a plant that can tolerate applications of toxic herbicides such as Glyphosate (the active ingredient in Monsanto's "Roundup") so weeds can be killed without harming GMO plants
or...
- cause the GMO plant itself to produce a toxic insecticide, Bt, (*Bacillus Thuringiensis*), which ruptures the stomachs of insects that try to feed on these plants.

GMOs are new to agriculture. Their long-term effects are unknown, but we do know...

- Glyphosate is a neurotoxic endocrine disruptor, for which there are no known safe levels.
- Glyphosate kills the good bacteria in human intestines.
- Glyphosate can cause disease conditions including:
 - liver and kidney toxicity
 - birth defects
 - nutritional deficiencies
 - chronic inflammation
 - intestinal and auto-immune diseases
 - infertility
- Glyphosate has been detected in the environment, in foods, in mother's milk, and in human organs and tissue.
- Bt toxicity has been demonstrated.

References:

<http://www.truthinlabeling.org/EvidenceOfToxicityOfGlyphosate.htm>

Other Adverse Effects

Genetically modified seeds restrict biodiversity and promote in-breeding. They threaten organic food production because present law allows GMO producers to sue farmers for "using" GMO seeds without permission when GMO pollen or seeds drift into organic fields - potentially putting small farmers out of business.

GMOs Can Be Avoided

To avoid GMOs completely, buy certified organic foods and organic seeds to grow your own produce. Certified organic foods cannot be GMO.

GMO crops now on the market are: canola*, soybeans,* sugar beets,* cotton, corn,* alfalfa (hay, primarily fed to dairy cows), some zucchini and yellow squash, and papaya (mostly from Hawaii, and China).

Non-GMO Shopping Guides are available from the Institute for Responsible Technology: www.nongmoshoppingguide.com

* Processed foods contain many of these ingredients.