

What Are Genetically Modified Foods and Plants?

A GMO (genetically modified organism) is the result of a laboratory process of taking genes from one species and inserting them into another in an attempt to obtain a desired trait or characteristic. This process may be called Genetic Engineering (GE), Genetic Modification (GM) or Genetically Modified Organism (GMO): they are one and the same.

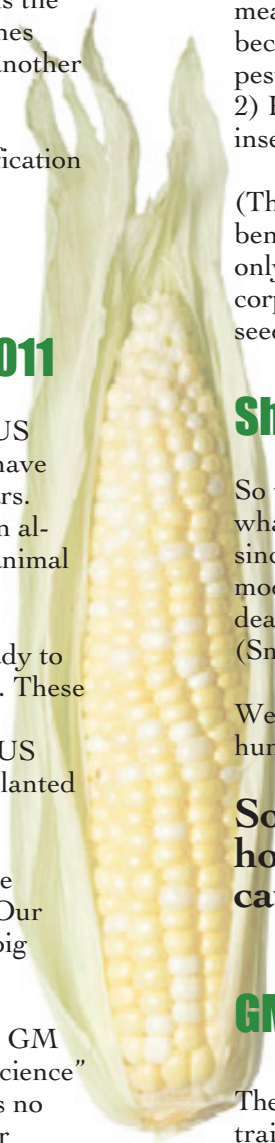
Untested, Deregulated Without Our Consent for 2011

The US Food and Drug Administration, US Dept. of Agriculture and Health Canada have been approving GM crops for over 15 years. Now, GM corn, soy, canola and sugar is in almost all processed food and much of our animal feed.

However, new types of GM plants are ready to be approved and patented for our animals. These GM crops are being planted without our knowledge or consent. In early 2011, the US approved GE Alfalfa - meaning it can be planted in the US. Canada could be next.

All testing and data supplied is done by the Biotech companies that hold the patents. Our governments rely on the "findings" these big powerful companies submit.

Our governments are not equipped to test GM thoroughly, and so they rely only on the "science" submitted to approve these crops. There is no talk about the health effects on animals or humans, or long term health or environmental studies done.



Our Horses Eat The Worst Of It

All the GM feeds our horses eat, are created to:
1) Resist pesticides (herbicide tolerant). This means plants can now be sprayed with chemicals, because they are resistant to dying from the harsh pesticides.
2) Kill insects. The plants become toxic to certain insects.

(These plant modifications have NO benefits to humans or animals. They only benefit the profits of Big Biotech corporations from the sale of patented seed and chemicals.)



Should Food Kill?

So the question is: if GM plants can kill insects, what are the effects on our horses? Especially since some of the GM corn in our horses' feeds are modified with 8 traits: most of which are various deadly pesticides and some that kill insects (SmartStax Corn).

We have no idea if GE foods are good for humans, not to mention our animals!

So why are we feeding it to our horses full time? (and dairy cattle, chickens...).

GM Soy Is In Most Horse Feeds

The same applies to GM Soy, with its many pesticide traits. Soy is used as a filler in most processed horse feeds. 93% of all soy grown in the US is GM: 86% of all corn. In Canada, we don't have



those stats and it is less of a percentage. Most soy is GM and over half of all corn in Canada is now GM.

Potential For Sterility

One of the most concerning risks are the warnings that GM foods cause animal sterility or miscarriages. Some independent tests warn that animal health could be negatively affected by a diet heavy in GM feed.

GM and Non-GM Crops Cannot Co-Exist

Many non-GM crops have been contaminated by GM through accidental seed mixing and pollen transfer from wind or insects. Alfalfa is pollinated by bees and because GM Alfalfa has been given the "green light" to be planted in the US freely, bees don't need passports, and can contaminate all North American alfalfa fields.

GM Soy, Corn, Canola Sugar and Cotton (cheap protein meal) can be used in horse feeds.