



The World Foundation for Natural Science

The New World Franciscan Scientific Endeavour of The New World Church

Restoring and Healing the World through Responsibility and Commitment in accord with Natural and Divine Law!

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The hidden use of Genetically Modified Organisms and their impact on Human Beings, Animals and Nature

The World Foundation for Natural Science has just published a new Fact Sheet about GMO.



The hidden use of Genetically Modified Organisms and their impact on Human Beings, Animals and Nature

"Soil anaemia also breeds human anaemia. Micronutrient deficiency in the soil results in micronutrient malnutrition in people, since crops grown on such soils tend to be deficient in the nutrients needed to fight hidden hunger ... Managing our soil and water resources in a sustainable and equitable manner needs a new political vision."
M.S. Swaminathan – UN International Year of Soil 2015 – Food and Agricultural Organization of the United Nations

Healthy Soil, Healthy Plants, Healthy Animals, Healthy People and a Healthy Planet!

There has been a huge increase in Genetically Engineered (GE) foods appearing on the market and a growing concern that these Genetically Modified Organisms (GMOs) are harmful to animals and humans. GE or GMO products have crept into the food chain without us knowing. Food products are not labelled correctly, sometimes not at all. The supermarkets are aware of this ambiguity^{1,2} but continue to sell contaminated food stuff. GMO products have slipped into 'processed' foods, and almost all livestock is now fed on GM feed.^{3,4} There is conclusive research and evidence to show that GMO raises by animals is also passed on to humans through its meat, milk, eggs and cheese.^{5,6} In 2007, it was found that over 90% of animal feed contains GM ingredients.⁷ 90% of baby food products,^{8,9} fat foods, vegetable oils, juices, biscuits, cakes and sweets have been contaminated by corn and soya products that are genetically modified. Grown primarily in the USA, Brazil and Argentina, 90% of corn, soya and beet crops are genetically modified.^{10,11} At least 80% of processed foods in the USA contain GM ingredients.¹² The health effects on animals, pets, children and ourselves are potentially catastrophic, ranging from allergies to cancerous tumours.^{13,14} The behav-

ioral effects on people and animals from eating GM foods are unknown and require more research. It could be that we are becoming sugar craving addicts,¹⁵ due to the new genes (DNA) being spliced into GM crops and ultimately fed to us. The high toxicity of GE crops and their pesticide complements are also destroying the soils, contaminating the water sources, and wiping out nature by killing millions of insects and thus also birds and animals daily.^{16,17}

So are GMOs really dangerous for human beings, for animals, and for nature, especially for plants, soil and water? Read on for an overview of Genetically Modified Organisms, the state of our food today, and what you can do about it to ensure that your family, friends and pets are safe from this silent invasion.

Fig. 1: Some people say that GMOs search for 'God's secret code'. There's an example of man acting like God.

Why were GMOs developed?

Genetically engineered crops were designed to grow in difficult conditions, with less water, less pesticide use, and to guarantee a good yield. These manufacturers also claim that you can grow larger crops and more quickly.^{18,19} (i.e. you can speed up nature and alter nature for economic purposes. Fruits and vegetables are grown by volume and sold by weight, not by nutrient quality.)²⁰

They say: Farmers no longer need to worry about troublesome insects and weeds, because their seeds have been genetically modified to be resistant to insects, and other plants, and resistant to the herbicide and pesticide sprayed on it. You can grow GE crops anywhere and increase yields.

However, the evidence is contrary to the claims made by the Biotech companies. You can obtain better growth, yield, and more nutrient rich plants by ecological and organic farming.^{21,22} For a healthy crop and for biodiversity to flourish you need the eco-system around crops to include hedgehogs, thus making homes for a myriad of birds and insects. The pleasant vibration of bird songs is known to increase crop yield.^{23,24} Particular insects are attracted to a particular plant (crop), and so a variety of crops attracts a multitude of insects and the 'weeds' or other plants growing help to make the soil nutrient rich. Insect life manages itself, and the birds keep the insects like at a manageable, natural level. All of

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