

## ESSAY : Cause and Effect

In the brave world of technology, almost everything we do daily is related to science and technology. We can also use science and technology concept in food. Nowadays, GMO food are become more popular. A GMO or genetically modified food is food produced from plants and animals whose DNAs has been altered through genetic engineering. World Health Organization states that GMO foods are from animals and plants such as fruit and vegetables however, these food have a negative effect of using science on food.

There are many negative effects of food on science that can derived from genetically modified foods. First, GMO may cause allergies. Some foods might react contradictory to others causing an allergy to a person. In additional, the major source may be the foreign protein being added into organism without human eaten before or tested. Moreover, consumers do not know what ingredients are included in the food in the food.

Second, the negative effect of food on science on the nutritional content of food. A gene modification can increase or decrease the content of vitamin, mineral or fatty acid in the modified foods. Sometimes, as one nutrient grows, another will decrease as an unintended consequence. For example, canola oil genetically engineered to contain vitamin A has reduced levels of vitamin E. Conclusion, GMO foods can reduce the nutritional value of these foods.

Last but not least, one specific concern about GMO is that they affect human health. Little we know that eating found that regular intake of GMO foods can contribute to the development of cancer. The disease is caused by mutations in DNA, the food substance added into the food. The effect cannot be seen in the short term because carcinogenesis takes 5 to 30 years to grow and develop after exposure and continue exposure to a substance, it is dangerous to introduce new genes into the body.

Science has had an enormous effect on the food that we eat and educates us about nutriation, keeping our food safe and staying healthy. GMO foods can be harmful due to some reason therefore awareness about GMO foods and knowledge of the foods need to be taken seriously so that people are careful when choosing what they eat.