

"Organic and Local" by Gabina Marin Arellano

Genetically modified seeds (GM)

used to maximize the yield of a particular crop by making them resistant to certain pests and/or diseases

very controversial because they have not been tested on humans, or proven safe for human consumption

organic farming: does not use synthetic pesticides and fertilizers

preserves biodiversity

rely on crop rotation rather than mono culture

people believe that organics cannot feed the world, i cannot produce enough food for the growing population

not very many short term; but the long term effects your reproductive, immune, endocrine, and nervous systems

pesticides effects on human consumption

advancements in agricultural practices

lead to damaging the environment

FDA has stated that is is the responsibility of the producer to evaluate the safety of the foods

if the producer is regulating the safety with their tests and whatnot how are consumers supposed to trust their results; the producers want their product to sell

for both GM and GE (genetically engineered) foods

nitrogen fertilizers

first introduced in 1901; came from chemical warfare used in WWI

runoff of nitrogen fertilizers ends up in waterways, with algal blooms, leaching of groundwater, dead zones in the ocean

buying Organic supports local and family farms

builds community

creates jobs in your area

Study done at UC Davis found that the yeilds between organic and conventional are relatively the same