

TOPIC: *GMO foods are desirable.*

BACKGROUND:

Genetically modified organisms (GMOs) are living organisms that have had their genes altered in some way. GMOs can be animals or bacteria, but most often they are crops like corn or potatoes that have been tweaked in a lab to increase the amount or quality of food they produce. GMO foods are designed to be healthier and cheaper to produce, but genetic modification is not without consequences.

- The pros of GMO crops are that they may contain more nutrients, are grown with fewer pesticides and are usually cheaper than their non-GMO counterparts.
- The cons of GMO foods are that they may cause allergic reactions because of their altered DNA and they may increase antibiotic resistance.

-- [Evidence-based pros and cons of GMO foods \(Insider.com, November 20, 2020\)](#)

REQUIRED RESEARCH VIDEOS:

What is a Genetically Modified Food?,

Scientific American, August 7, 2013 (3 min)

<https://www.youtube.com/watch?v=JMPE5wIB3Zk>

What is the Future of Food?,

The Economist, October 27, 2021 (8 min)

<https://www.youtube.com/watch?v=U7qdDJt-l64>

[OPTIONAL] *GMO Foods,*

Bill Nye, Eyes of Nye, November 13, 2013 (8 min)

https://www.youtube.com/watch?v=8z_CqyB1dQo

Important: *Please watch one of these "optional" videos (or both). ty!*

[OPTIONAL] *Are GMOs Good or Bad? Genetic Engineering & Our Food,*

Kurzgesagt, March 30, 2017 (9 min)

<https://www.youtube.com/watch?v=7TmcXYp8xu4>

Important: *Please watch one of these "optional" videos (or both). ty!*

REQUIRED RESEARCH ARTICLES:

New ways to make food are coming—but will consumers bite?,

The Economist, October 2, 2021

<https://www.economist.com/leaders/2021/10/02/new-ways-to-make-food-are-coming-but-will-consumers-bite>

GM Food: 'Extreme Opponents Know the Least, But Think They Know the Most',

Newsweek, January 15, 2019

<https://www.newsweek.com/gm-food-genetic-modification-science-understanding-opponents-safety-risk-1291498>

REQUIRED RESEARCH ARTICLES: *Continued...*

GMO Crops Don't Harm Human Health, Report Says,

TIME Magazine, May 17, 2016

<https://time.com/4338702/gmo-human-health-safety-genetically-modified-crops/>

Are GMOs Really That Harmful to Eat?,

U.S. News & World Report, April 29, 2015

<https://health.usnews.com/health-news/health-wellness/articles/2015/04/29/are-gmos-really-that-harmful-to-eat>

ADDITIONAL RESEARCH (OPTIONAL):

GMOs – Top 3 Pros and Cons,

Pro-Con.org, Last Updated: March 10, 2020

<https://www.procon.org/headlines/gmos-top-3-pros-and-cons/>

GMOs: Pros and Cons, Backed by Evidence,

Healthline, Last Updated: July 2, 2020

<https://www.healthline.com/nutrition/gmo-pros-and-cons>

Evidence-based pros and cons of GMO foods,

Madeline Kennedy, Insider.com, November 20, 2020

<https://www.insider.com/gmo-pros-and-cons>

CONTACT INFORMATION (Coach Bill):

Bill Eddy,

bill.eddy@uky.edu

714.655.8135 (I prefer text)

When contacting me, please include your name and class information (day/time).

Thanks!