



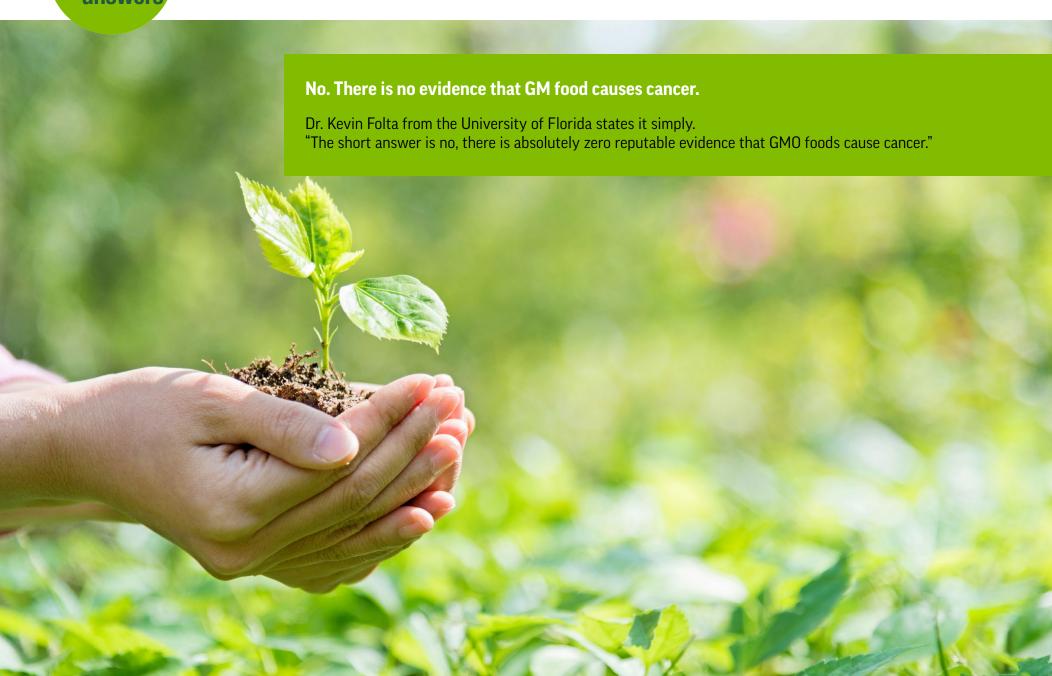
GMO Answers and the Council for Biotechnology Information conducted a nationwide survey to answer consumers' most pressing questions about genetically modified organisms (GMOs). We compiled the top 10 questions and reached out to scientists, farmers, economists and other experts to provide answers.

The following are abbreviated expert responses.

For complete responses, please visit https://gmoanswers.com/top-10-consumer-questions-about-gmos-answered-2016.



1. Do GMOs cause cancer?





2. Are GMOs safe for human consumption?

Yes, the health and safety of GMOs have been validated by many independent scientists and organizations around the world.

In the spring of 2016, The National Academies of Science, Engineering and Medicine (NAS) researched this very same question and concluded that GMOs are safe. After reviewing all available research studies on health effects from GE crops, the study found "no substantiated evidence of a difference in risks to human health between current commercially available genetically engineered crops and conventionally bred crops." More than 20 scientists, researchers, agricultural and industry experts reviewed over 20 years of data since GMOs were introduced, including nearly 900 studies and publications, animal studies, allergenicity testing and North American and European health data.





3. How much of our food in the U.S. is genetically modified?





4. Do GMOs have an impact on the environment?





5. Have long-term health studies been conducted on GMO crops?

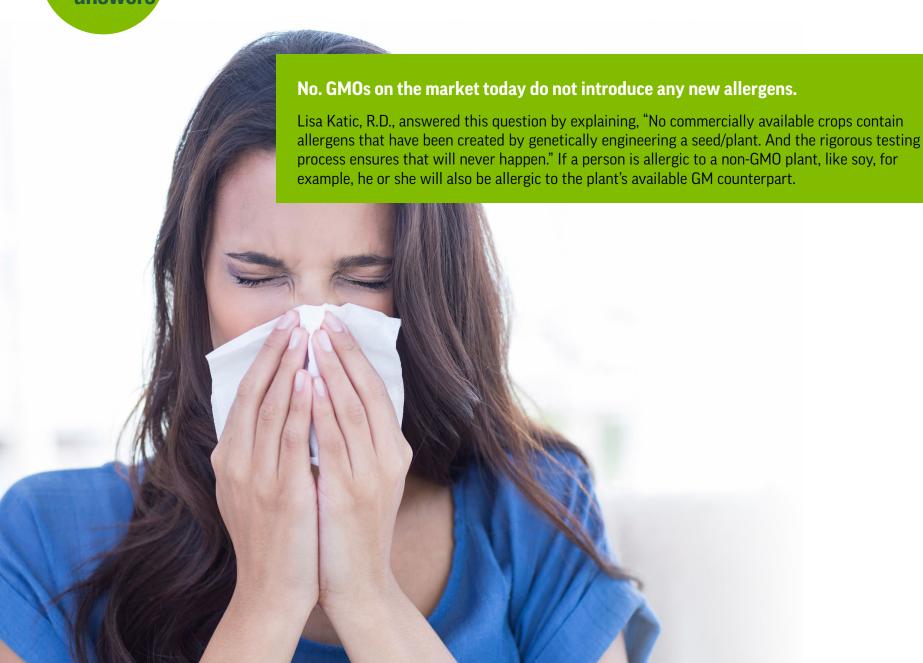


² Distinction Between Genetic Engineering and Conventional Plant Breeding Becoming Less Clear, Says New Report on GE Crops, The National Academies of Sciences, Engineering and Medicine. Retrieved from http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=23395.

³ A Decade of EU-Funded GMO Research (2001-2010). Retrieved from https://ec.europa.eu/research/biosociety/pdf/a_decade_of_eu-funded_gmo_research.pdf.

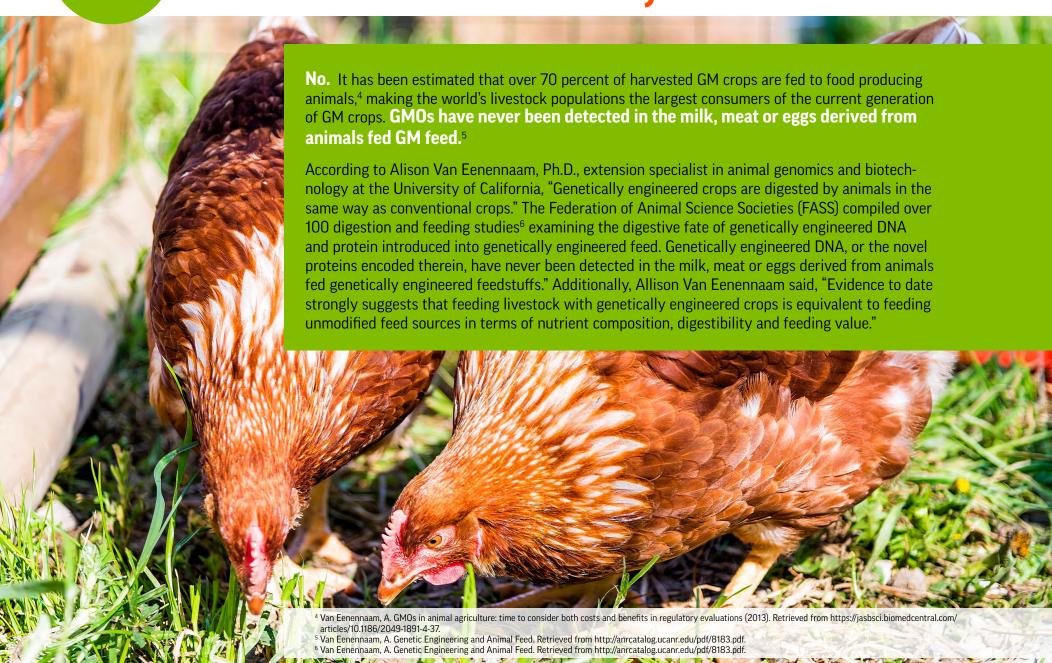


6. Do GMOs have an impact on allergies?



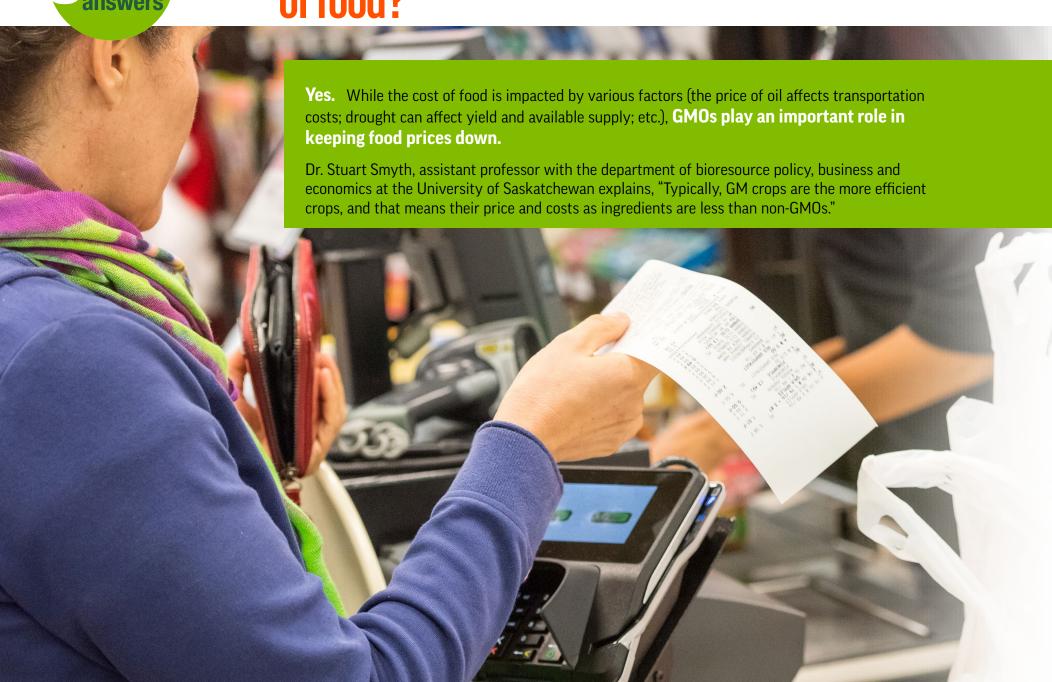


7. If livestock eat genetically modified grain, will there be GMOs in my meat?



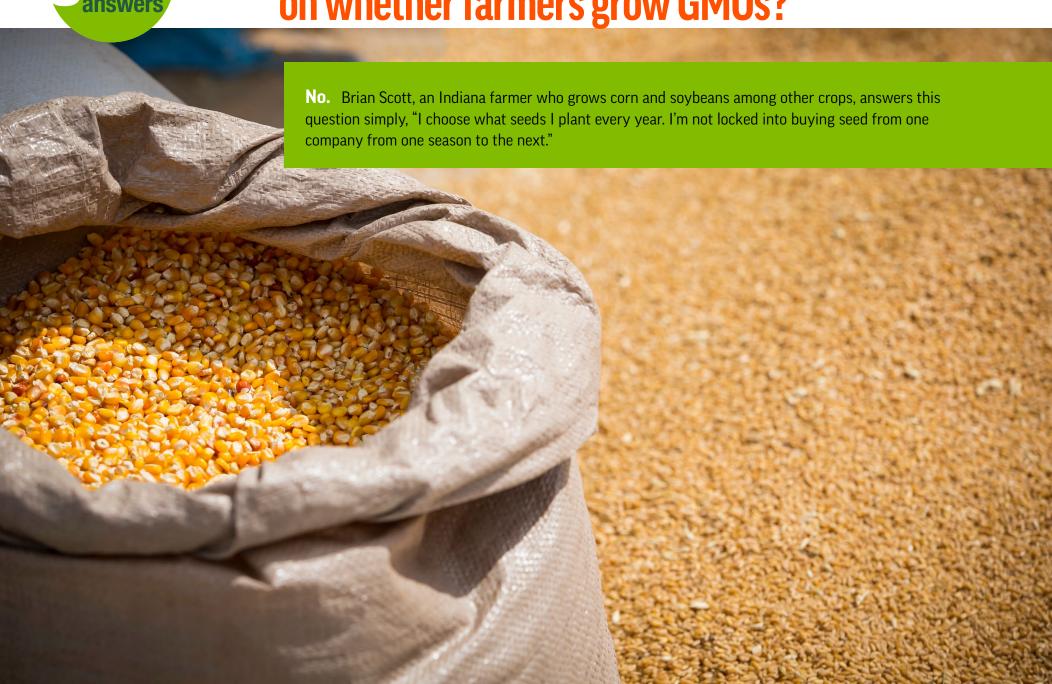


8. Do GMOs have an impact on the price of food?





9. Do seed companies have an influence on whether farmers grow GMOs?





10. Do GMO crops have an impact on bees or butterflies?

The sudden and widespread disappearances of adult honey bees from hives, termed Colony Collapse Disorder (CCD), became a national concern almost 10 years ago.⁷ Claims have been circulated that insect protected GM crops harm bees, but these assertions have been refuted by the mainstream scientific community.

If a variety of factors are impacting bee health, could GMOs be one of them? Bee Ambassador for Bayer Chris Sansone, who has more than 30 years of experience as a professor and extension specialist at Texas A&M University, points to several scientific studies indicating this is not the case.

He notes that "genetically modified plants and their impact on honey bees have been widely studied, and the results indicate that GM plants are not harmful to bees."

