

The GMO Potato: from Farm to Plate

GMOs allow farmers to grow more with less resources.³
In a single year, GMOs allowed farmers to use 57.8M fewer acres of land to grow the same amount of food.⁴

GM potatoes
are SAFE to
eat and
SUSTAINABLE
to produce.



1

GMOs go through rigorous review.

On average, GMOs take 16.5 years and \$115M of research and development before coming to market.¹

In the U.S., this review and approval is conducted by:

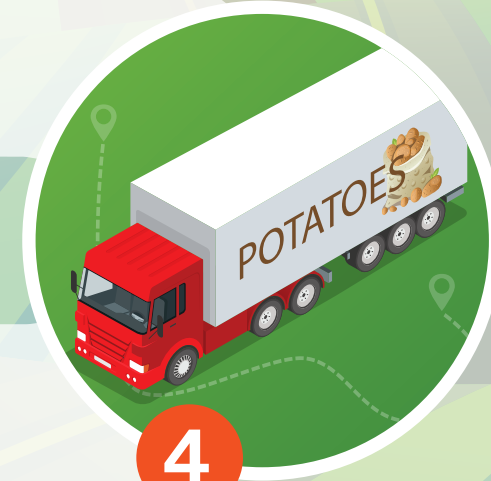


2

GM potatoes reduce pesticides with late blight disease protection that enables farmers to reduce fungicides by 50%.⁵



3



4

GM potatoes reduce food waste via the non-browning/non-bruising trait. Potatoes bruised during storage and transport contribute to 400M lbs. of food waste each year.⁶



5

Enhanced food safety. GM potatoes have reduced acrylamide, a potential carcinogen formed during



6

¹ McDougall, P. The cost and time involved in the discovery, development and authorization of a new plant biotechnology derived trait (2022). <https://croplife.org/plant-biotechnology/regulatory-2/cost-of-bringing-a-biotech-crop-to-market/>
² Questions and Answers: Biotechnology and the USDA (2012). Retrieved from https://www.aphis.usda.gov/publications/biotechnology/content/printable_version/BRS_QA_biotechandusda.pdf
³ Carpenter, J. Impacts of GM crops on biodiversity (2011). Retrieved from [http://www.agrobio.org/bfiles/fckimg/Carpenter-Impacts of GM Crops on Biodiversity.pdf](http://www.agrobio.org/bfiles/fckimg/Carpenter-Impacts%20of%20GM%20Crops%20on%20Biodiversity.pdf)
⁴ Brookes, G., (2022). GM crops: global socio-economic and environmental impacts 1996-2020. Retrieved from <https://pgeconomics.co.uk/pdf/GlobalImpactBiotechCropsFinalReportOctober2022.pdf>
⁵ USDA Deregulates Two More Innate Varieties. Retrieved from <http://www.thepacker.com/news/usda-deregulates-two-more-innate-varieties>
⁶ New Commercial Potato Bruises Less, Could Reduce Food Waste (2015). Retrieved from <http://theplate.nationalgeographic.com/2015/01/14/potato-possible-carcinogenic/>
⁷ The Science. Retrieved from <http://www.innatepotatoes.com/get-answers>