

Impact of Non-GM Livestock and Poultry Feed on the U.S. Feed Industry



Institute for Feed Education & Research

GM-Free Feed Report Social Media Toolkit

This toolkit serves as a resource for AFIA members & IFEEDER donors to assist in engaging with the new GM-free feed data on social media.

BACKGROUND:

In recent years, food companies have increasingly offered products that are free of genetically modified (GM) ingredients. Production of these GM-free milk, meat or eggs requires that the animals in which the foods come from are fed exclusively non-GM feed. If the GM-free feed market must expand to meet an increasing production need, then it is important for the U.S. feed industry to understand the economic and environmental implications for non-GM feed production.

The Institute for Feed Education and Research (IFEEDER) sought to understand the [impact](#) that increasing GM-free feed production could have on the farm, at a grain elevator and in a feed mill. Below are graphics using data from the [final report](#).

SOCIAL MEDIA TIPS:

Let us know if you post about the GM-free feed study and we will share your posts! In your social media posts, please use the following hashtags as appropriate:

- [#IFEEDER](#) & [#GMFreeFeed](#)

You can tag us in your posts on Twitter at:

- [@FeedFolks](#)/[#IFEEDER](#)

And on Facebook at:

- [@AmericanFeedIndustryAssociation](#)

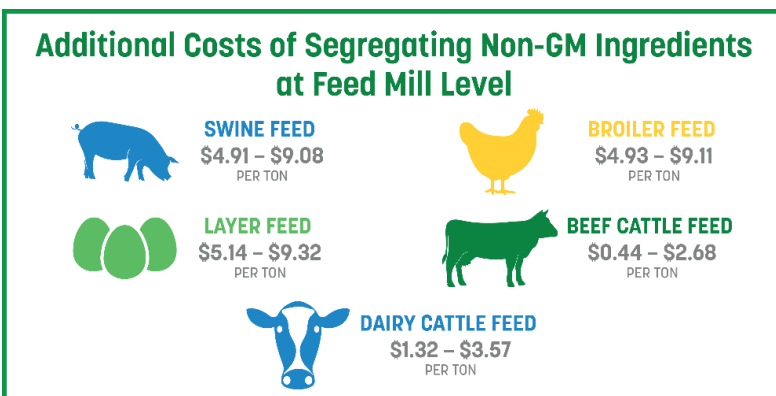
Sample Social Media Posts

You can download high-resolution versions of the graphics below on [AFIA's Flickr page](#).



DYK that increasing the amount of GM-free #animalfeed in the U.S. could potentially lead to increased GHG emissions, meat & dairy prices & more?

New research from #IFEEDER explains how: <https://ifeeder.org/research/gmfree-feed-report/>



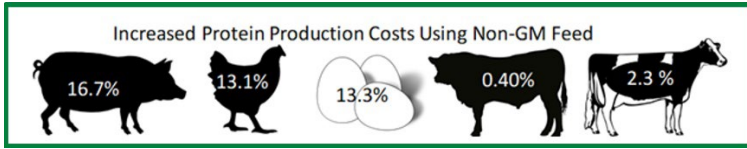
New #IFEEDER research shows that non-GM #animalfeed could increase the price of feed by as much as:

-\$4 to \$9 per ton of pork, layer & broiler feed

-by 40 cents to \$3 for beef feed, &

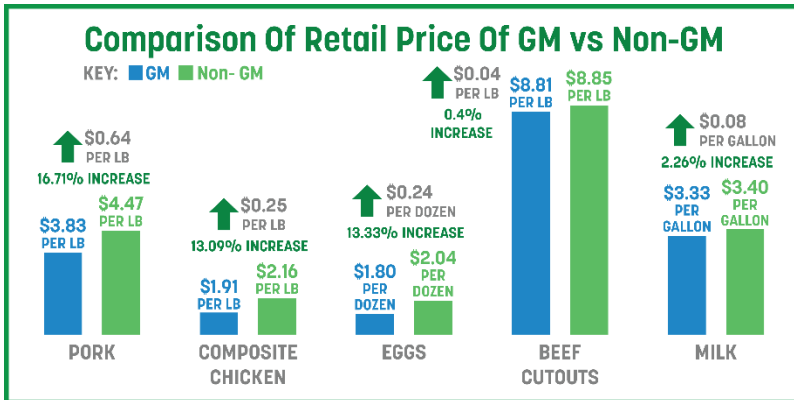
-\$1 to \$4 for dairy feed

#GMFreeFeed



#GMFreeFeed could potentially raise food prices as much as 16.7% the cost per pound of meat. Now that's a lot of bacon!

Learn more in #IFEEDER report:
<https://ifeeder.org/research/gmfree-feed-report/>



Not only does segregating non-GM #animalfeed from GM feed pose challenges for feed mill managers, but it also adds to the costs - with potential cost increases in both feed & food.

#GMFreeFeed #IFEEDER



**FUEL USE
CO₂ EMISSIONS**

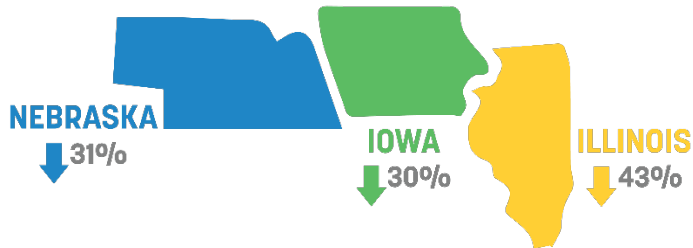
A 5% increase in non-GM corn from GM would increase GHG emissions by 7% (196,151MT) CO₂ annually.

New #IFEEDER data shows that farmers enjoy many benefits from using GM seeds: crop yields, land tillage & fuel use, which results in in overall carbon emissions.

Until non-GM seeds achieve similar advantages, farmers will be less incentivized to use them.

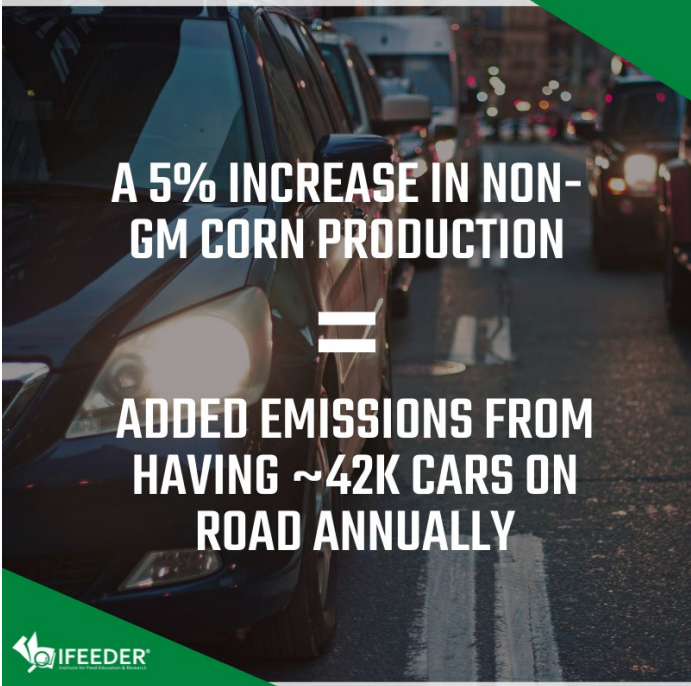
#GMFreeFeed

Nitrogen Use Per Bushel Of Corn



#IFEEDER's new #GMFreeFeed study considered the impact of increasing non-GM corn production on nitrogen loss.

Due to non-GM corn lower yield, more acres would be needed to meet production needs. Accounting for increased acreage, N application goes up & therefore so do N losses.



Even a small change in non-GM corn production for #animalfeed results in a huge impact on #climatechange.

#GMFreeFeed #IFEEDER