

IFEEDER NEWSLETTER

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Anyone Else Excited About Seeing Coproducts on Ingredient Labels?

By: Lara Moody, IFEEDER executive director

I've been around horses since they first came into my world at five-years-old. My equestrian life has evolved from local saddle club shows and three-day eventing to competitive dressage. I currently train and compete my 18-hand tall, 10-year-old Hanoverian gelding, Denali. But until my role at the Institute for Feed Education and Research, I've never thought so much about ALL that he eats.

Sure, I've considered his nutritional needs, but recently as I've been [delving into circularity](#) in food and agricultural systems to design out waste and keep products and materials in use, I've also been thinking about ingredient sourcing and the fraction of his diet derived from coproducts. For example, he gets a high protein supplement to support muscle recovery after each training session. Its primary ingredients are from coproducts: whey protein, followed by wheat gluten, then dried egg and rice bran oil. He also eats a ration balancer mixed with soaked beet pulp and alfalfa cubes, which also sources primary ingredients from



coproducts, including dehulled soybean meal, wheat middlings, corn distillers' grains with solubles and soybean oil.

This month, I [blogged about a recently published scientific article](#) that explores the role circularity could have on our own diet choices relative to coproduct production and inclusion in animal feed. It furthered my thinking toward our sustainable feed efforts. There are uncalculated benefits and untold stories about the role of coproducts and by-products in food and agricultural systems.

IFEEDER's [Sustainability Road Map](#) project, which launched last November, is just beginning to explore what resources, tools and even metrics are needed by the industry so we can quantify and establish a narrative that explores, compiles and communicates a more complete story for the industry. I don't think many horse owners are reading the ingredients on their feed bags and thinking how cool it is that their animal's diet is derived from a coproduct – okay I may be the only one, but it sure makes me think about how we would make them feel as good about it as I do if they did.



Sneak Peek on IFEEDER's Upcoming GM-free Feed Report

In 2018, IFEEDER with several funding partners collaborated to support research by Iowa State University and Decision Innovation Solutions to assess the cost and implications of increasing the genetically modified (GM)-free feed market relative to the growth of GM-free meat, dairy and poultry sales. Last week, I gave a TECHTalk at the International Production & Processing Expo that previewed some interesting points from the upcoming report.

- Linked to fuel usage on the farm, a 5% increase in non-GM corn production would increase greenhouse gas emissions by 7% annually.
- Linked to the needed increase in non-GM production acres to overcome the GM yield advantage, nitrogen loss from ammonia volatilization and nitrate leaching would increase by 3% and 4%, respectively, with a 5% increase in non-GM corn production.
- GM-free corn and soy segregation costs on the farm, at the elevator and in the feed facility would increase meat, dairy and egg production from 0.4% to 17% with feed costs increasing by \$4 to \$9 per ton on swine, broiler and layer feed.

We will be providing further highlights and the full report soon.

New Research Project to Investigate Feed Mill Decontamination in the Event of an ASF Outbreak



IFEEDER, Animal Nutrition Association of Canada and United Soybean Board have joined with the Swine Health Information Center to launch a research project that will evaluate several methods for cleaning and disinfecting feed mills following a potential African swine fever (ASF) outbreak. The information gained from the study's results will inform North American feed industries' ASF preparedness plans as well as feed mill biosecurity plans to minimize supply chain and trade disruptions in the event of an outbreak.

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EMC Raises \$1,200 for Student Scholarship

Fund at Feed & Grain Reception

We want to thank those of you who joined us at the Feed and Grain reception last week during the International Production & Processing Expo who donated to our AFIA Equipment Manufacturing Committee (EMC) Scholarship Fund. In collaboration, EMC and IFEEDER raised \$21,000 in scholarships for university students with interests in animal nutrition.



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Industry Sustainability Advancements Highlighted During IPPE Event

“Our goal within the feed space is to be able to leverage each other’s expertise, efforts and resources to really be able to make an impact when it comes to sustainability,” said Constance Cullman, president and CEO of AFIA and president of IFEEDER, during the Animal Agriculture Sustainability Summit held at the 2022 IPPE. A panel of industry experts, moderated by IFEEDER’s executive director Lara Moody, addressed sustainability programs underway in the feed, livestock and poultry sectors. “Increasing agriculture productivity while reducing negative impacts is one of the greatest challenges of this century,” remarked Rod Snyder, agriculture advisor for the U.S. Environmental Protection Agency (EPA),

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For every \$1 IFEEDER invests in research and education projects, \$5 is leveraged from other sources. All donations go directly toward projects, as IFEEDER's administrative costs are borne by American Feed Industry Association, so your donations go even further. Help us maximize our reach by donating today! Click the link below to make a gift. For questions, contact [Lara Moody](#), IFEEDER executive director.

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Institute for Feed Education and Research
2101 Wilson Boulevard, Suite 810
Arlington, VA 22201
(703) 524-0810
ifeeder.org

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