



Science based. Data driven.
Future focused.



NATIONAL
**ANIMAL
NUTRITION**
PROGRAM

A photograph of a large flock of sheep in a field. The sheep are white with thick, curly wool. The background is a soft, out-of-focus green field under bright, natural light. A dark green, semi-circular graphic element is overlaid on the center of the image, containing white text.

**A thriving,
healthier world
for humans,
animals, and the
environment.**

Proper nutrition is the most indispensable component of animal agriculture.

Without it, animals are unable to provide us with essential sources of food, fiber, work, and companionship.

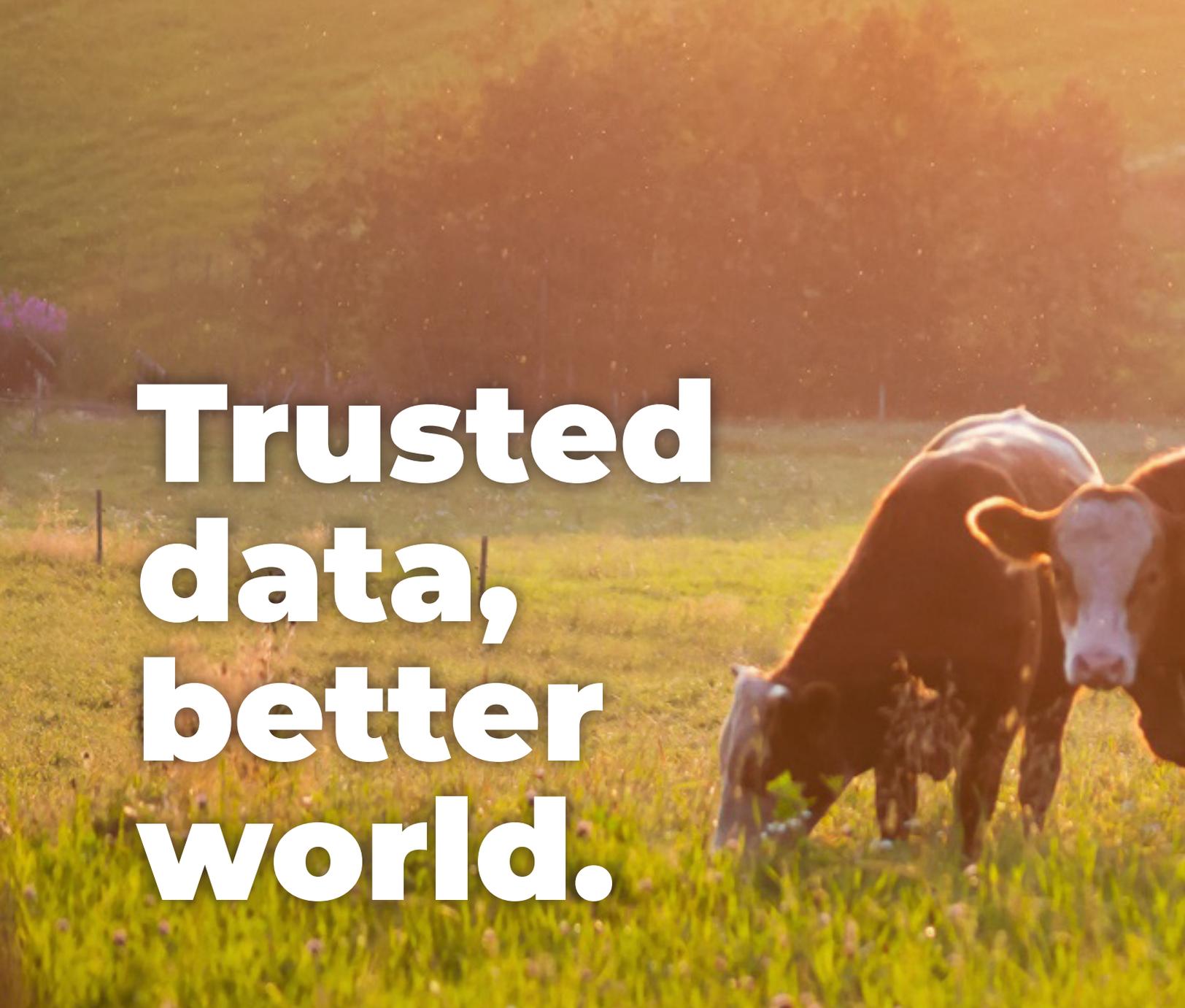
We're passionate stewards of the largest collection of animal nutrition data, resources, and tools, from feed composition analysis to predictive modeling. Our anonymized data repository is designed to bring together—and benefit—a cohesive group of academic researchers, scientists, educators, and industry professionals.

Animal nutrition lives here.

Feeding the world's population requires feeding the livestock we depend on for meat, eggs, and dairy—with animal health, safety, and welfare at the forefront.



It starts with animal nutrition, which affects animal welfare, the safety and nutritional value of our food products, and the emissions and wastes livestock produce. The National Animal Nutrition Program is the authority on up-to-date, science-based information, including nutrient needs, feeding strategies, feed ingredients, and more that are critical to addressing animal nutrition challenges with accuracy, innovation, and sustainability.

A photograph of a cow in a field at sunset. The cow is brown and white, looking towards the camera. The background is a warm, golden sunset over a green field. The text "Trusted data, better world." is overlaid in large white font on the left side of the image.

Trusted data, better world.

Our comprehensive data repository for feed composition analysis and modeling is designed to support research, teaching, outreach, industry, and government use.



As an open-source, living document, it includes the most up-to-date findings for the animal science field, from academics to industry. As a comprehensive collection, it helps researchers fill current knowledge gaps. And as an electronic textbook, it provides an unparalleled educational resource for graduate students, so we can equip the next generation of animal scientists working toward a healthy, thriving world.



The power of data.

Here are just a few ways our go-to data repository helps researchers, scientists, producers, and industry professionals make livestock production healthier, more profitable and and more sustainable.

Animal health

New genetic information aids the development of feeding strategies that enhance animal health. Keeping animals healthy promotes animal welfare and boosts productivity, which leads to better returns for producers.

Human nutrition

Our data helps produce and promote safe, nutritious animal-sourced foods that are part of a healthy diet for us.

Sustainable production

Our data shows new ways to use byproducts from biofuels in livestock feed, which results in new ways to make the feed and biofuels industries more economically AND environmentally friendly.

Environmental impact

Modified livestock diets can reduce their emissions that contribute to climate change, and certain feeds can limit the amount of manure livestock produce, minimizing its environmental impact.

Economic benefits

Modified livestock diets can also change the nutrient levels of manure and make it a more effective cropland fertilizer. Maintaining the quality of cropland without additional fertilizer lowers livestock operation costs.

The National Animal Nutrition Program is preparing the next generation of animal scientists.

Using our resources, animal science students can access the most up-to-date nutrient composition research, learn modeling techniques, and make predictions.

Once our students become our world's producers, formulators, scientists, and legislators, they're already ambassadors of a powerful, living tool that continues to help them strengthen human, animal, and environmental health.

A group of fish in an aquarium, with a dark green shield-shaped overlay containing text. The fish are of various colors, including blue, yellow, and grey. The background is a blurred underwater scene.

**More data means
more accuracy.
And we're only
just beginning.**

**Learn more about how our
data helps create a thriving,
healthier world for humans,
animals, and the environment.**

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