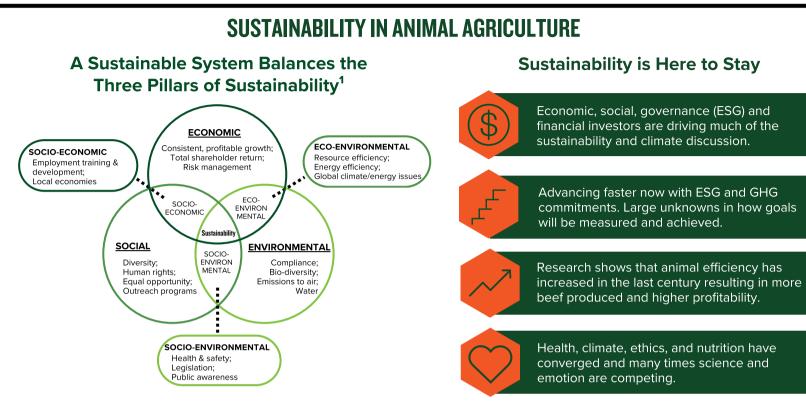
BEEF SUSTAINABILITY FACT SHEET



SUSTAINABLE SOLUTIONS FOR ANIMAL AGRICULTURE



ANIMAL AGRICULTURE IS PART OF A SUSTAINABLE FOOD SYSTEM

Cattle are Upcyclers

Livestock allow us to produce food on land unsuitable for cultivation while enhancing ecosystems²





Solar energy harvested in plants and ecosystems

2 Cattle graze human inedible plants

3 Convert human inedible products into high-quality, affordable, nutrientdense protein

Nutrient Dense Foods Are an Important Part of a Healthy Diet

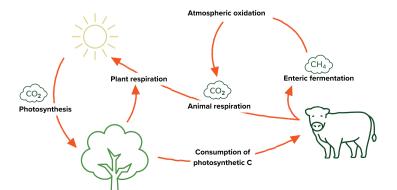


Human diets must contain a variety of nutrient-dense foods to ensure optimal health for the growing global population. High-quality protein, vitamin B, iron, and zinc are commonly found in animal-sourced foods such as beef³

By incorporating a diverse range of nutrient-dense foods, individuals can ensure they meet their daily nutritional needs³

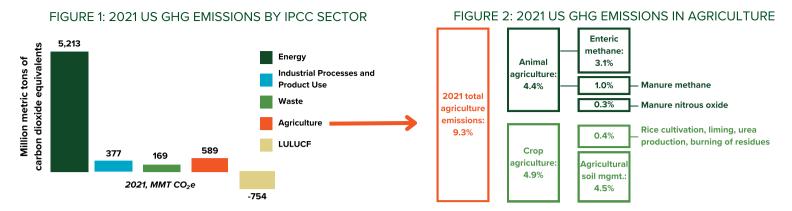
Animal Agriculture Plays a Role in the Carbon Cycle

Ruminant animals, such as cattle, eructate methane out of their mouths which acts a short-lived climate pollutant. More beef produced with less greenhouse gas emissions reflects resource and nutrient use efficiency⁴

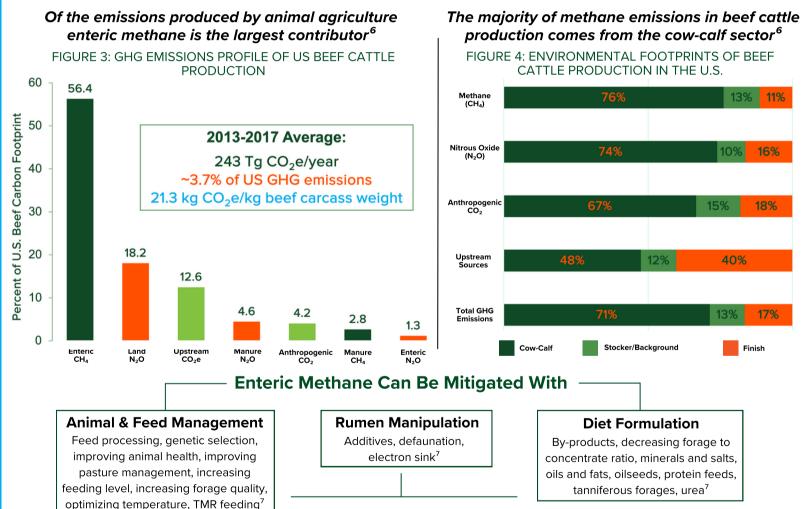


BREAKDOWN OF AGRICULTURAL EMISSIONS AS PERCENT OF U.S. TOTAL GHG EMISSIONS

Agriculture makes up roughly 9.3 percent of total US emissions⁵ Animal agriculture alone accounts for roughly 4.4 percent of total US emissions⁵



ENTERIC METHANE IN ANIMAL AGRICULTURE



REFERENCES

- ¹ From Von Keyerlingk et al. (2013)
- ² From the Council for Agricultural Science (1999)
- ³ From Adesogan et al. (2020)
- ⁴ Adapted from Broock et al. (2016)
- ⁵ From The Environmental Protection Agency (2023)
- ⁶ From Rotz et al. (2019)
- ⁷ From Arndt et al. (2022)

Full references list can be found here

ABOUT AGNEXT

Vision: Animal agriculture is a sustainable component of our global food system by providing economic, social and environmental benefits to Colorado, the nation and the world.

Mission: Identify and scale innovation that fosters the health of animals and ecosystems to promote profitable industries that support vibrant communities.

CONNECT WITH AGNEXT

