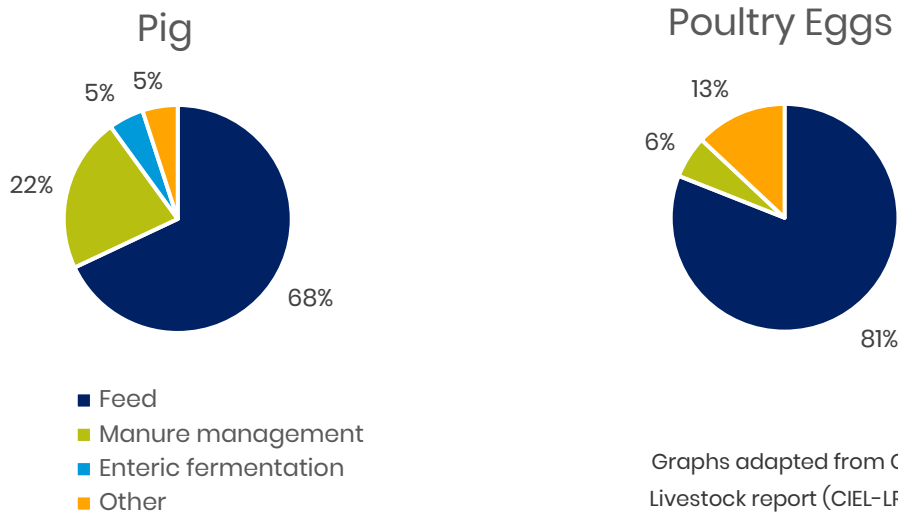


Sustainable Feed Production for Monogastric Animals

Feed production accounts for the majority of carbon footprint of monogastric production, but it also presents an opportunity for sustainability improvements. Through implementing innovative strategies, we can reduce emissions and enhance efficiency while meeting the nutritional needs of animals.



Highlighted below are some of the key approaches and tools offered by Trouw Nutrition to promote sustainable feed production for monogastric animals.

MyFeedPrint and Precision Nutrition

MyFeedPrint tool: Trouw Nutrition's user-friendly tool allows feed producers to assess the environmental impact of their ingredients and formulations. Using Life Cycle Assessment (LCA) methodology: MyFeedPrint utilises LCA methodology to calculate metrics such as carbon footprint measured in CO2 equivalent.

Informed decision-making: MyFeedPrint consolidates relevant feed data, including nutrition and environmental impact information, other data modelling tools such as the Swine Model empower customers to make informed decisions for sustainable feed production.

Precision nutrition: By precisely matching nutrient needs and considering amino acid requirements and bioavailability, Trouw Nutrition aims to enhance efficiency and reduce the environmental impact of feed production.

Enhancing Productivity and Efficiency

LifeStart program: Maximizes early life nutrition, growth, and health, optimising feeding efficiency and overall production yield.

HealthyLife program: Improves gut health and aids longevity, leading to enhanced efficiency and reduced carbon footprint.

Feed Formulation and Nutrition Optimization

Adjust feed formulations: by reducing crude protein levels and incorporating synthetic amino acids, we can optimise feed composition and minimise environmental impact while meeting nutritional requirements.

Source lower carbon footprint raw materials: choosing feed ingredients with a lower environmental footprint contributes to sustainable feed production.

Emphasise early life nutrition: Focusing on piglet birthweights and early life nutrition for gastrointestinal tract development in chicks enhances lifetime performance and efficiency.

Developing efficient feeding strategies to extending productive life: supporting productivity and efficiency in breeding sows and laying hens reduces the environmental impact and contributes to long term sustainability.

Commitment to Sustainable Agriculture

Trouw Nutrition's purpose: "Feeding The Future" with a focus on sustainable agriculture and reduced carbon emissions.

Collaboration across the supply chain: Working closely with customers to actively reduce carbon emissions at the farm level.

Integrating environmental and economic sustainability: Improved production efficiency and enhanced lifetime performance as core principles.

By implementing these strategies and utilising tools like MyFeedPrint, Trouw Nutrition is committed to promoting sustainable feed production and contributing to a greener future for the monogastric industry.



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