

Innovative piglet management strategies for optimum performance up to slaughter weight and profitable pork production

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The main objective of this project is to develop effective newborn and newly weaned piglet feeding strategies that maximize profits based on performance up to market weight, minimize reliance on in-feed antibiotics, and improve pig robustness and health.

Summary

In this project the researchers will:

- explore a variety of promising approaches to optimize the gut health, immune and digestive functions of newborn and newly weaned piglets.
- explore approaches to improve the nutritive and health value of low-cost piglet feed ingredients, using approaches such as fermentation and ensiling.
- investigate the effects of combining selected feed additives with low-cost feedstuffs to further support piglet performance and health.
- evaluate promising and complementary feeding strategies in multi-site experiments in research units and commercial swine operations representing all geographical regions. This to achieve cost-effective pork production based on growth performance up to market weight and carcass quality.
- transfer to commercial swine producers “ready-to-adopt” practices based on scientific foundation and commercial demonstration.

Collaborators

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