

Kilcoy Nutrition

Research and development project

P.PSH.1472 – Kilcoy Global Foods (KGF) Nutraceutical strategy – Phase 2

Process

Spray drying, milled powder.

Summary

The recently completed project, P.PIP.0591 – Kilcoy Global Foods (KGF) Nutraceutical strategy, successfully identified and demonstrated the operational feasibility of harvesting organs and glands from the chain, at the viscera table or from the offal room. Spray drying is an effective method that converts wet materials to dry milled powders suitable as ingredients for the nutraceutical and pet food industry.

This Phase 2 project built and tested business model innovations for KGF to identify and establish key resources and relationships for an Australian Beef nutraceutical ingredient supply chain. This included the identification of suitable partners of dried powders and understanding if sales channels are viable to be pursued in international markets.

Outcomes

KGF recently launched Kilcoy Nutrition which markets beef organs as the most nutrient-dense component of the animal, delivering a concentrated dose of goodness.

This research demonstrated that there are multiple value chains for fifth quarter ingredients. Whilst third party rendering can attract a price of \$0.20/kg, a wholesale frozen supply chain can generate 5–15X greater value and a dried ingredient value chain can deliver value multipliers between 75–100X the rendered product.



Scan or click
the QR code

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