Luis Herrera

Swine Nutritionist

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SUMMARY

Swine nutritionist with 6 years in swine nutrition across feed company and production system roles, serving customers who market 1.4 million pigs a year. Uses least-cost formulation in Brill to balance amino acid requirements against feed cost and runs growth trials that become on-farm feeding programs, working closely with sales staff and farm managers.

EXPERIENCE

Swine Nutritionist

03/2022 - Present

Prairie Gold Feeds

Ames, IA

Regional feed manufacturer with 4 mills supplying independent and integrated pork producers.

- Formulate sow, nursery and grow-finish diets for **38** customer sites in Brill, updating ingredient prices weekly.
- Lowered feed cost per pig by $2.10 through least-cost formulation and revised amino acid levels in finishing phases.
- Conduct growth trials on 4,000 nursery pigs comparing feed additives, zinc alternatives and phase feeding programs.
- Review closeout data, feed budgets and feed mill batching with sales staff on 15 farm visits a month.

Swine Research Associate

06/2020 - 02/2022

Hawkeye Pork Production Systems

Iowa Falls, IA

Production system with a 2,400-head commercial research barn.

- Collected weights, feed disappearance and health data on **2,500** pigs per trial in the research barn.
- Calculated average daily gain and feed efficiency in SAS for 6 nursery and finishing trials.
- Coordinated feed deliveries and diet changes with the feed mill for 48 research pens.
- Wrote 6 trial reports for the production team, 2 of which became standard nursery feeding programs.

SKILLS

- **Swine Nutrition**
- **Least-Cost Formulation**
- **Brill**
- **Amino Acid Requirements**
- **Phase Feeding**
- **Feed Additives**
- **Growth Trials**
- **Feed Budgets**
- **Feed Mill Batching**
- **SAS**

EDUCATION

Master of Science (M.S.)

Iowa State University

Animal Science, Swine Nutrition

Ames, IA

05/2020

CERTIFICATES

Professional Animal Scientist (PAS), Animal Nutrition

American Registry of Professional Animal Scientists

10/2022

Pork Quality Assurance Plus (PQA Plus) Advisor

National Pork Board

04/2021