Caleb Whitaker

Animal Scientist

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SUMMARY

Animal scientist with 6 years of beef cattle nutrition research, from feedlot trials to carcass evaluation. Handles experimental design and IACUC protocols, analyzes growth and efficiency data in SAS and writes clear reports for producers and feed industry sponsors.

EXPERIENCE

Animal Scientist

03/2023 - Present

Platte Valley Livestock Research Center — Lincoln, NE

Contract research center running feedlot and cow-calf trials for feed and animal health companies.

- Design and conduct feedlot trials on up to **1,200** head, testing feed additives, implants and ration changes for sponsors.
- Analyze weight gain, feed efficiency and carcass data in SAS with mixed models, delivering sponsor reports within 30 days.
- Write IACUC protocols and standard operating procedures for 9 studies a year, with no findings in 2 compliance audits.
- Coordinate 6 animal care technicians on weighing, sampling and low-stress animal handling schedules.

Research Associate

06/2020 - 02/2023

Great Plains Beef Research Station — North Platte, NE

University-affiliated station focused on forage and feedlot nutrition.

- Collected rumen fluid, blood and fecal samples from **80** steers for digestibility and methane studies.
- Managed ration formulation and daily feed delivery records for 24 research pens.
- Recorded carcass evaluation data alongside USDA graders for 600 head per trial at a regional packing plant.

SKILLS

Beef Cattle Nutrition

Experimental Design

Feedlot Trials

Ration Formulation

Carcass Evaluation

IACUC Protocols • SAS

Animal Handling

Rumen Sampling

Technical Writing

EDUCATION

Master of Science (M.S.)

05/2020

University of Nebraska-Lincoln

Lincoln, NE

Animal Science, Ruminant Nutrition

CERTIFICATES

Beef Quality Assurance (BQA) Certification

National Cattlemen's Beef Association

04/2023