



The **NDSU Beef Cattle Research Complex** is a state-of-the-art facility designed to meet the needs of beef cattle research at NDSU well into the future. The center will allow NDSU to accomplish the vast array of research needed to meet the challenges of 21st century beef cattle production. It complements intensive campus-based facilities such as the Animal Nutrition and Physiology Center and the extensive research capabilities at the Research Extension Centers in Carrington, Streeter, Hettinger and Dickinson.



## **NDSU** Beef Cattle **RESEARCH COMPLEX**

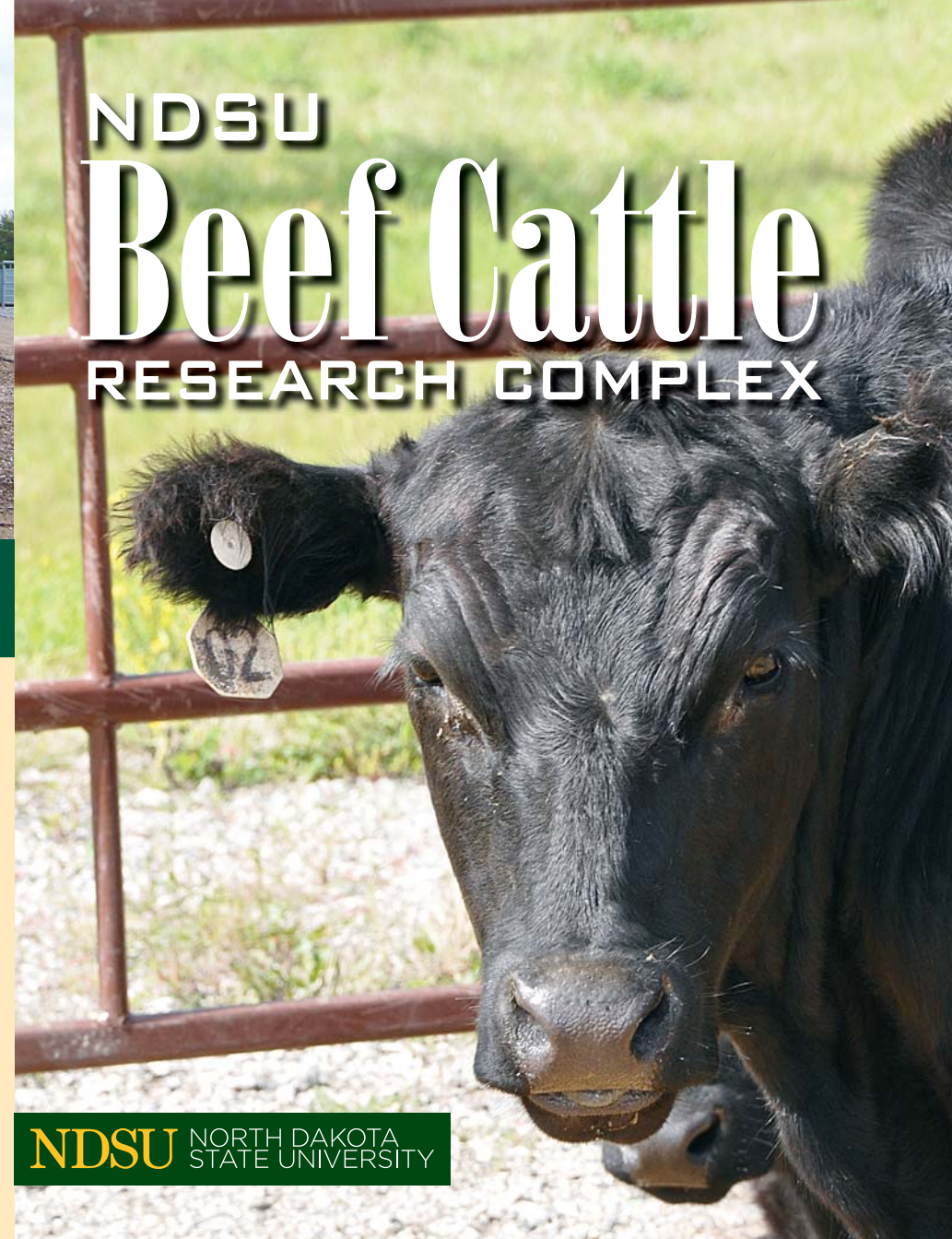
### **Funding**

The facility was constructed using a combination of state and federal dollars, which totaled more than \$3 million. The faculty and staff of the Animal Sciences Department are extremely grateful for the funding support for the project.

### **For more information**

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# **NDSU** Beef Cattle **RESEARCH COMPLEX**

**NDSU** NORTH DAKOTA  
STATE UNIVERSITY





# NDSU Beef Cattle RESEARCH COMPLEX

## What types of research will this facility allow us to do?

- Nutrition
- Reproductive physiology
- Genomics
- Management and production
- Preharvest food safety
- Economics
- Animal behavior
- Environmental management
- Nutrient management
- Meat science and carcass quality

## Capabilities

- Store, mix, deliver feed ingredients including hays, grains, silages, wet and dry byproducts, and dry and liquid supplements
- Measure and control individual feed intake of 192 head of cattle
- Feed growing and finishing cattle as well as cows and bulls
- Process and weigh all classes of cattle in the handling system
- Use the maternity and calving area through calving

## Facility Specifications

- Cattle complex
  - Feeding area (41 by 300 feet)
  - Handling area/calving pens (50 by 83 feet)
  - Office and laboratory area (25 by 50 feet)
- Feed storage and mixing (52 by 100 feet)

## Equipment Suppliers

- Insentec BV (computerized feed intake system)
- Moly Manufacturing (Silencer handling system)
- D and D Manufacturing (fencing and gates)
- Schuler (feed delivery box)
- Schaben Industries (liquid handling equipment)
- Kuhn Knight (feed mixing)
- Rapat (feed conveyance system)
- Norbco (curtain system)

