

NDSU Feedlot School

Wednesday-Thursday, January 20-21, 2021

NDSU Carrington Research Extension Center



Why feed cattle in North Dakota?

- North Dakota has ample feed supplies and cow herds, the perfect mix for cattle-feeding operations.
- Cooler weather in North Dakota is great for multiple cattle-feeding options: stocker, backgrounding and finishing.
- Many feed grains, as well as byproduct feeds, including distillers grains, wheat midds, barley malt sprouts, beet pulp, and canola, soybean, sunflower and linseed protein meals, are produced in North Dakota.
- North Dakota has easy access to multiple markets and packing plants.

Who should attend?

This intensive course is for cattle producers, feeders, backgrounders, feed industry personnel, animal health-care suppliers, and anyone interested in learning more about feedlot productions, nutrition, waste management and marketing.

WEDNESDAY-THURSDAY
January 20-21, 2021

Location: NDSU Carrington
Research Extension Center
663 Highway 281 NE
Carrington, ND

Cost: \$175 for one person, \$90 for each additional person from same operation. Includes meals, Feedlot School information and CowBytes ration balancing software.

Participants must make their own lodging arrangements.

It is important to understand that in-person activities pose an unknown level of risk due to COVID-19. Participation is voluntary. NDSU Extension will take all reasonable measures, but cannot, at any level, assure protection from exposure.

Contact:
Karl Hoppe
701-652-2951
Karl.Hoppe@ndsu.edu

REGISTER ONLINE
www.tinyurl.com/CRECstore

Individuals with disabilities are invited to request reasonable accommodations to participate in NDSU-sponsored programs and events. To request an accommodation(s), please contact Linda Schuster at 701-652-2951 or Linda.Schuster@ndsu.edu by January 4 to make arrangements.

www.ag.ndsu.edu/CarringtonREC

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Wednesday, January 20

- 9:00 a.m. Introductions and Overview (Karl Hoppe)
- 9:15 a.m. Why Feed Cattle in North Dakota? (Karl Hoppe)
- 9:35 a.m. Facility Design and Equipment (Scott Ressler)
- 10:30 a.m. Break
- 10:35 a.m. Budgets for Different Cattle Feeding Scenarios (Bryon Parman)
- 11:20 a.m. Cattle Requirements and Feeding (Karl Hoppe)
- 12:00 noon Lunch
- 12:45 p.m. Small Group Breakout Sessions
Session 1: Implants (Bryan Neville)
Session 2: Feed Additives (Karl Hoppe)
Session 3: Feed Sampling/Analysis (Janna Block)
- 3:00 p.m. Break
- 3:15 p.m. Ration Formulations with CowBytes Scenarios (Janna Block, Karl Hoppe)
- 4:15 p.m. CowBytes and Rations Discussion
- 6:00 p.m. Supper (Chieftain Conference Center)
- 6:45 p.m. Beef Quality Assurance (Lisa Pederson)
- 7:30 p.m. Feedlot Diseases and Treatments (Jerry Stokka)
- 8:30 p.m. Q&A / Discussion

Thursday, January 21

- 8:00 a.m. NDSU Carrington REC Livestock Unit Low-Stress Working Facilities (Bryan Neville)
Feed Bunk / Manure Reading (Bryan Neville, Wayde Pickinpaugh)
- 9:15 a.m. Bunk Reading and Feed Delivery (Karl Hoppe)
- 9:30 a.m. Manure and Nutrient Management (Mary Keena)
- 10:15 a.m. Break
- 10:30 a.m. Livestock Outlook (Tim Petry)
- 11:15 a.m. Price Protection with Hedging and LRP (Tim Petry)
- 12:00 noon Lunch
- 1:00 p.m. Carcass Quality and Marketing on the Grid (Rob Maddock)
- 2:40 p.m. Concluding Remarks and Evaluation
- 3:00 p.m. Pipestem Feeders Feedyard Tour (Jeff Kvamme)



INSTRUCTORS: Janna Block, Livestock Systems Specialist, NDSU Hettinger REC. Karl Hoppe, Livestock Systems Specialist, NDSU Carrington REC. Mary Keena, Livestock Environmental Management Specialist, NDSU Carrington REC. Jeff Kvamme, Pipestem Feeders (Carrington). Rob Maddock, Meats Specialist, NDSU Extension. Jesse Nelson, Livestock Technician, NDSU Carrington REC. Bryan Neville, Animal Scientist, NDSU Carrington REC. Bryon Parman, Agricultural Finance Specialist, NDSU Extension. Lisa Pederson, Livestock Specialist, NDSU Central Grasslands REC (Streeter). Tim Petry, Livestock Economist, NDSU Extension. Scott Ressler, Environmental Services Director, North Dakota Stockmen's Association (Bismarck). Wayde Pickinpaugh, Livestock Specialist, NDSU Carrington REC. Tim Schroeder, Livestock Technician, NDSU Carrington REC. Gerald Stokka, DVM, Veterinarian, Livestock Stewardship Specialist, NDSU Extension.