

Name _____
Last First

Name for Name Badge _____

Job Title _____

Company Name _____

Business Address _____

City _____ State _____

Postal Code _____ Country _____

E-Mail _____

Business Phone _____

Business Fax _____

Special Dietary Needs: _____

CANCELLATION POLICY: A 10% service fee will be charged for all registrations cancelled after deadline.

Tuition: \$ 1,100

Check (Make payable to Northern Crops Institute, and must be drawn on a U.S. bank).

Wire Transfer (contact NCI for instructions).

Credit Card Authorization:

Visa Mastercard Discover

Card # _____

Expiration Date _____

3-digit V Code ^{Required} _____ on back of card beside signature line.

Name on Card _____

Signature _____

Credit Card Billing Address _____

Mail or fax form to: Northern Crops Institute
NDSU Dept. 7400, PO Box 6050
Fargo, ND, USA 58108-6050
Fax: 1-701-231-7235

Registration Fee: Tuition is \$ 1,100. Payment in full is due before the start of the course. Registration deadline is July 6. Course fee includes written materials associated with lectures and laboratory demonstrations, and scheduled refreshment breaks. Hotel rooms and other meals are not included in registration fee.

Groups of three or more: Special rates are available to groups of 3 or more from the same company. Contact NCI for more information.

Cancellations: Cancellations received after July 6, 2009 will be assessed a 10% service fee.

Course Schedule: On the first day of the workshop, course participants should be in the hotel lobby by 8:00 a.m. for transportation. Sessions will begin at 8:30 a.m. and adjourn about 5 p.m. every day.

Non-smoking Environment. Casual attire.

Transportation: Complimentary transportation will be provided between Northern Crops Institute and the hotel.

Hotel Information:

Holiday Inn
13th Avenue SW and I-29
Fargo, ND 58103
Phone: 701-282-2700

Single Room Rate: \$ 89.95 (+10 % tax/night)

All hotel rooms are non-smoking. Make your reservation directly with the hotel and mention that you are with Northern Crops Institute in order to obtain the special rate. Reservations must be received by the hotel by July 6, 2009 to qualify for the special rate.

Information and Special Requirements: If you have questions or special needs (dietary or physical requirements), please contact:

Northern Crops Institute
NDSU Dept. 7400, P.O. Box 6050
Fargo, ND 58108-6050 USA
Phone: (701) 231-7736
FAX: (701) 231-7235
E-mail: nci@ndsu.edu
Internet: www.northern-crops.com

NDSU is an Equal Opportunity Institution. This publication will be made available in alternative formats upon request (701-231-7736).

DDGS

Nutrition, Use and Feed Manufacturing SHORT COURSE



July 27-31, 2009

Northern Crops Institute
Fargo, North Dakota, USA



Connecting in the Global Marketplace

WHY SHOULD YOU ATTEND?

In 2008, 30% of the U.S. corn crop was used for ethanol production, providing 9 billion gallons of fuel and 23 million tons of distiller's grains. What 2009 holds is a question yet to be answered. However, an increase to 12 billion gallons of fuel and 30 million tons of DDGs is certainly possible. A need continues for increased efficiencies in feeding, transporting, storing and handling of distiller's grains.

This course will highlight recent advances in nutritional composition, feeding, handling, and feed manufacturing of distiller's grains alone and in combination with complementary ingredients. Of special interest will be "hands-on" pellet production in NCI's Feed Production Center and site visits to users of distiller's grains and an ethanol facility.

COURSE GOALS

- Clearer understanding of the challenges and opportunities of using distiller's grains in feed manufacture.
- Consistent pellet quality and improved operating efficiency.

COURSE TOPICS

- Physical and nutrient characterization of distiller's grains and distiller's solubles
- Complementary ingredients
- Feeding strategies
- Meat quality
- Feed manufacturing
- Pellet mill operation

WHO SHOULD ATTEND?

- Feed Mill Managers
- Pellet Mill Operators
- Ethanol Plant Managers
- Livestock Producers
- Nutritionists



COURSE FACULTY

Kim Koch, Ph.D.
Manager
NCI Feed Production Center
Northern Crops Institute

Vern Anderson, Ph.D.
NDSU Research Extension
Center
Carrington, North Dakota

Eric Berg, Ph.D.
Associate Professor
Dept. of Animal Sciences
North Dakota State University
Fargo, North Dakota

Darwin Britzman, Ph.D.,
International Nutrition
Consulting
Sioux Falls, South Dakota

Alvaro Garcia, Ph.D.
South Dakota State University
Dairy Science Department
South Dakota State University
Brookings, South Dakota

Matt Gibson, Ph.D.
POET Nutrition
Sioux Falls, South Dakota

Kurt Johnsen
Feed Technologist
NCI Feed Production Center
Northern Crops Institute

Greg Lardy, Ph.D.
Professor
Dept. of Animal Sciences
North Dakota State University
Fargo, North Dakota

Mike Schuster
Vice President
Marketing & Sales
Laidig Systems, Inc.
Mishawaka, Indiana

Robert Thaler, Ph.D.
Professor
Dept. of Animal and Range
Sciences
South Dakota State University
Brookings, South Dakota

Co-Sponsors

American Feed Industry Association (AFIA) is the world's largest organization devoted exclusively to representing the business, legislative and regulatory interests of the animal feed industry and its suppliers. Membership includes 550 domestic and international companies; state, national and regional associations. Firms are feed and pet food manufacturers, integrators, pharmaceutical companies, ingredient suppliers, equipment manufacturers and companies which supply other products, services and supplies to feed manufacturers. Over 75% of the commercial feed in the United States is manufactured by AFIA members.

Northern Crops Institute (NCI) is the international center for meeting and learning about northern-grown crops produced in the four-state region of North Dakota, South Dakota, Minnesota and Montana. Situated on the campus of North Dakota State University, NCI brings together customers, commodity traders, technical experts, processors and producers from all points of the globe for discussion, education, and technical service programs.



Classroom space is limited—register early.