Wednesday, February 5, 2003:

11:30 AM – 1:00 PM: Executive Board and Industry Advisory Committee Meeting.
1:00 - 5:00 PM: Registration.
1:00 – 5:00 PM: Technical Sessions.

Presentations by Recipients of 2001 Anderson Research Grant Program - First Year Report

1:10 – 1:30p Richard Stroshine, Purdue University
“Storability Measurement of Shelled Corn as a Means of Improving Stored Grain Management Practices and Preventing Losses.”

1:30 – 1:50p Bill Wilcke, University of Minnesota
“Using Temperature and Humidity to Control Indian Meal Moth Larvae in Stored Grain Facilities.”

1:50 – 2:10p Dirk Maier, Klein Ileleji and Charles Woloshuk, Purdue University
“Implementation of Carbon Dioxide Monitoring for Early Detection of Grain Spoilage.”

2:10 – 2:30p Florence Dunkel and Matthew Broughton, University of Montana and Lloyd Bullerman, University of Nebraska

2:30 – 2:50p Eluned Jones, Texas A&M University
“A Decision Support System for Mid-Atlantic Wheat Producers to Locate Value in the Supply Chain.”

Presentation by Recipients of 2000 Anderson Research Grant Team Competition Program – Second Year Report

2:50 – 3:10p Tim Herrman, Kansas State University and Dirk Maier, Purdue University
“Grain Facility System Analysis to Improve Adoption of Value-Enhanced Grain Handling and Marketing in the U.S.”

3:10 – 3:30p BREAK
Objective B: Assess the Effects of Microbial Growth, Insect Infestation, and Handling on Quality of Cereals and Oilseeds

3:30 – 3:50p "Mold in U.S. Corn: Changes from Field to Export and Effects on Grain Quality." Carl Reed, Kansas State University


4:10 – 4:30p "Pre-binning Sanitation of Metal Storage Bins with Heat Treatment." Dennis Tilley, Mark Casada and Frank Arthur, USGMPRC

4:30 – 4:50p “Procedure to Establish Pack Factors in Grain Bins.” – Mike Montross, University of Kentucky

25-Year Anniversary Reflection


6:00 – 7:00 PM: Reception.
7:00 – 9:00 PM: Banquet.

The Anderson Research Award Recipient for 2003 presentation.

Keynote Speaker – “The Importance of Grain Quality for Dry Milled Food Ingredients.” Will Duensing, Manager, Bunge Milling, Danville, Illinois

Thursday, February 6, 2003:
8:00 AM – 12:00 PM (Noon): Technical Sessions.

Objective C: Quantify and Define Quality of Cereals and Oilseeds for Various End-Use Markets

8:00 – 8:20a “Analytical Challenges in Measuring End-Use Quality for Alkaline Cooked Products.” David Jackson, University of Nebraska

8:20 – 8:40a “NIR Screening for Wheat Quality.” Richard Pierce, GIPSA

8:40 – 9:00a “Inhibition of Mold Growth by Sourdough Bread Cultures.” Lloyd Bullerman, University of Nebraska-Lincoln.
9:00 – 9:20a  "High-Speed Segregation of High- and Low-Protein Single Wheat Seeds." Melchor Pasikatan and Floyd Dowell, USGMPRC

Objective D: Determine the Economic Impact of Improving the Quality of Cereals and Oilseeds

9:20 – 9:40a  “Differentiation in Grains and Oilseed Markets: Role of Technology and Quality-driven Demand.” William Chambers, USDA-ERS

9:40 – 10:00a  “A Quality Management System for Operating Efficiency and Traceability at a Country Elevator.” Charles R. Hurburgh, Jr., Iowa State University

10:00 – 10:20a BREAK

10:20 – 10:40a  “Identity Preservation: Trends and Opportunities in the Corn and Soybean Sectors.” Karen Bender, University of Illinois

10:40 – 11:00a  “Risk Management for Producers of Value-enhanced Grains and Oilseeds.” William Chambers, USDA-ERS

Objective A: Determine the Effects of Genetic Traits, Abiotic Environmental Conditions, and Handling Practices on the Quality of Cereals and Oilseeds

11:00 – 11:20a  “Osmoregulation in Stored Grain Fungi.” Charles Woloshuk, Purdue University


11:40 – 12:00p  “Research Funding and Its Impact on Defining Quality.” Don Koeltzow, USGMPRC

12:00 – 1:30 PM  NC-213 General Business Meeting and lunch.

Adjourn – NC-213 Program ends.