NC-213 Re-Write is Approved - new title: "Management of Grain Quality and Security in World Markets"

At the March 2003 Meeting of the North Central Regional Association of Agricultural Experiment Station Directors (NCRA), the Rewrite for NC-213 was presented for review. The Multistate Research Committee (MRC) approved the Rewrite for another five-year term. Charles R. Hurburgh, Jr., Iowa State University, led the Rewrite Committee. Charlie assumed this responsibility at the June 2002 NC-213 Summer Workshop, where the topic was formally introduced to NC-213 members.

The NC-213 web site will soon reflect the Rewrite, with all pages updated with the new title, objectives, objective co-chairs, and mission.

NC-213 Vision:
"The NC-213 Multistate Research Project will strengthen the United States' position in World agricultural markets by serving as the key scientific and technical consortium supporting grain and oilseed distribution and processing."

NC-213 Mission:
"The mission of the NC-213 Multistate Research Project Team is to create and disseminate the technical knowledge needed to manage quality and security efficiently in World grain markets."

NC-213 Objectives:
1. Develop practices and technologies to support quality management systems for production, distribution, processing, utilization of quality grains and oilseeds.
2. Develop basic knowledge, science-based standards, and technologies that promote crop quality, food security and food safety in grain markets.
3. Create and disseminate scientific knowledge that will enhance public confidence in market-driven quality management systems for grain.

A Wheat Quality Short Course was offered in July by the Department of Grain Science and Industry at Kansas State University-Manhattan

Having completed this short course, participants can now better communicate the importance of wheat quality to individuals involved with the production, handling, storage, merchandising, milling, and baking of wheat flour.

Subjects covered during the Short Course included: Breeding Quality Wheats, Grain Grading, Testing Techniques, Milling Laboratory, Flour Specifications, Quality Tests, Commercial Baking Practices, and Lab Baking Tests. Many of these subjects included hands-on participation by attendees.

Participants included
Hulya Akdogan, USDA ARS GMPRC
Karen Barnard, Patsy Carleton, Debbie Tye, & Carlos Valdivia-USDA
Diejun Chen-Illinois Center for Soy Foods/University of Illinois
Laura Creamer-Homestead Milling
Amanda Crowther & Kathy Crowther-Bread of Life Bakery
Sam McNeill-University of Kentucky
Brent Olney-Allen, Gibbs & Houliik, L.C.
Jeanne Schulz & Paul Zavala III-Horizon Milling, LLC
NC-213 Annual Meeting - "Management of Grain Quality and Security in World Markets"

Tentative program agenda for the upcoming NC-213 Annual Meeting. The meeting will take place at the Hilton Minneapolis, 1001 Marquette Avenue South, Minneapolis, MN.

Tuesday, February 24, 2004:
3:00 PM - 5:00 PM: NC-213 Business Meeting.
5:00 PM: NC-213 Registration.
5:00 - 6:30 PM: NC-213 Reception.
6:30 PM: GEAPS President’s Reception/Banquet. The President’s Reception will be a plated meal. Part of the program will include The Andersons Research Award Recipient for 2004 presentation. GEAPS is planning a post-Banquet event. For a complete look at the Program Schedule, please refer to the GEAPS materials/web (http://www.geaps.com/) site for complete details.

Wednesday, February 25, 2004:
7:00 AM: NC-213 Executive Committee Meeting (closed).
8:00 AM: NC-213 Technical Sessions.

Presentations by Recipients of 2001 Andersons Research Grant Program - Second Year Report
Richard Stroshine, Purdue University: "Storability Measurement of Shelled Corn as a Means of Improving Stored Grain Management Practices and Preventing Losses."
Bill Wilcke, University of Minnesota: "Using Temperature and Humidity to Control Indian Meal Moth Larvae in Stored Grain Facilities."
Dirk Maier, Klein Ileleji and Charles Woloshuk, Purdue University: "Implementation of Carbon Dioxide Monitoring for Early Detection of Grain Spoilage."
Florence Dunkel and Matthew Broughton, University of Montana and Lloyd Bullerman, University of Nebraska: "Using Varietal Differences in Post harvest Insect Resistance of Northern Great Plains Hard Spring and Winter Wheat Varieties to Increase Profit Potential."
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 2002 (First Yr Report) and 2000 (Final Report) Andersons Research Grant Team Competition Program
Scott Bean, USDA-ARS, Manhattan KS, Tim Herrman, Kansas State University and David Jackson, University of Nebraska-Lincoln: "Factors Governing the Suitability of Sorghum and Maize for Wet Milling, Dry Milling, and Alkaline Processing."

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."

Individual Objective Reports to follow. Adjourn - NC-213 Program ends.

The 2002 Annual Progress Reports from Participating Stations is now available on-line in html format with search capabilities.
NC-213 individuals expressed an interest of being able to access the 2002 Annual Progress Reports and conduct a search.
To access and search for Annual Progress Reports, simply go to the NC-213 web site (http://www.oardc.ohio-state.edu/nc213/) and scroll down to the link “Recent Publications.” Scroll to the html version and click on that link. By making the Reports searchable, users are able to jump to the beginning of a particular Objective or go directly to a particular Progress Report.

Currently, there are three multistate projects that relate to NC-213 including: NC-224 Competitiveness and value-added in the U.S. grain and oilseed industry; NC-129 Mycotoxins in cereal grains; and IEG-051 Mycotoxins in food and feed grains. NC-129 and IEG-051 focus specifically on mycotoxin biosynthesis and biochemical approaches to reducing their occurrence in U.S. cereals. NC-213 has a wider focus on biological, physical, technical, and social forces as applied to both reduction and selective marketing of grains containing mycotoxins. NC-213 differs from NC-224 in that NC-224 is primarily based in economics and applies market-price based analyses of commodity cereal and oilseed issues. NC-213 integrates across biological, socioeconomic, and engineering disciplines to address specific attributes of additional value.