

Grain Quality Newsletter

News and Highlights from NC-213: Marketing and Delivery of Quality Cereals and Oilseeds

Volume 23:1

Visit the NC-213 web site at: <http://www.oardc.ohio-state.edu/nc213>



Calendar items of interest ...

Upcoming events and issues:

- The Progress Report for 2002-- USDA/ARS Grain Marketing and Production Research Center-- Manhattan, Kansas was distributed February 19. Please contact Donald E. Koeltzow, Center Director, with suggestions, questions, and for additional information.
- The NC-213 Summer Workshop is being planned. A Wheat Quality Short Course is in the works. The Administrative Advisor's office is working with Dr. Tim Herrman, Kansas State University, on this Workshop. The Workshop is scheduled for July 14-16, 2003.
- The Anderson Research Grant Program 2003 RFP will be issued soon. Participation in this competition is encouraged and research must be in line with current NC-213 Objectives.
- The International Quality Grains Conference: A Global Symposium on Quality-Assured Grains and Oilseeds for the 21st Century--will be taking place July 19-24, 2004 in Indianapolis. For more information, visit the conference web site <www.GrainQuality.Org> and pre-register in order to receive future announcements, call for papers, and registration information.

The Grain Quality Newsletter is published and distributed at no charge to NC-213 (formerly NC-151) participants and supporters of research on "Marketing and Delivery of Quality Cereals and Oilseeds."

Send your contributions, comments, suggestions, and subscription requests to:

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Lloyd Bullerman, University of Nebraska-Lincoln, is honored by his NC-213 Peers and awarded the 2003 Anderson Research Award.

Lloyd Bullerman, Professor, University of Nebraska-Lincoln - Department of Food Science and Technology, was awarded the 2003 Anderson Research Award at this year's Annual Meeting/Winter Technical Session. Lloyd accepted the award from NC-213 Administrative Advisor/Coordinator F. Wm. (Bill) Ravlin, OARDC/The Ohio State University. The meeting took place at University Place Conference Center and Hotel, Indianapolis, Indiana, February 5-6, 2003.



Dr. Bullerman earned his Ph.D. from Iowa State University and majored in Microbiology and Food Technology. He received his Master's and Undergraduate degrees from South Dakota State University.

While at the University of Nebraska-Lincoln, Dr. Bullerman served as Editor, *Journal of Food Protection* [1988 to 1995]. Positions held in the Department of Food Science and Technology include Professor and Interim Head, Professor - Research and Teaching, Associate Professor - Research and Teaching.

Dr. Bullerman's research includes: Incidence of *Fusarium moniliforme*, *Fusarium proliferatum*, *Fusarium subglutinans*, *Fusarium graminearum* and *Fusarium culmorum* and their toxins in cereal grains, foods and feeds; Comparison of *Fusarium* isolates for production of fumonisins, fusarin C, moniliformin, deoxynivalenol, zearalenone and other metabolites; Effects of food and feed processing of cereal grains, especially thermal processing on the fate of *Fusarium* molds and metabolites (toxins); and Factors affecting growth of molds in foods and feeds and production of mycotoxins, chemical and biological control.

Dr. Bullerman has been serving as an Objective Co-Chair for NC-213 since 1993 and most recently served as last year's NC-213 Chair. This year his duties will include serving as Past Chair. Lloyd has been awarded Anderson Agricultural Research Grants in 1992, 1996, 1999, and 2001.

NC-213 Annual Meeting Held in Indianapolis

Forty-two individuals attended this year's NC-213 Annual Meeting/Winter Technical Session, honoring the 25th year for this Multistate Research Project. The meeting was held at University Place Conference Center and Hotel, Indianapolis, Indiana. The Technical Session started off with presentations by recipients of the 2001 Anderson Research Grant Program. Following was a presentation by recipients of the 2000 Anderson Research Grant Program - Team Competition. Dr. Marvin Paulsen, University of Illinois at Urbana-

Champaign, and Howell Hill, Professor Emeritus University of Illinois at Urbana-Champaign, gave a presentation titled "25 Years of NC-151/213 Grain Quality History and Its Impact". The presentations were informative and rich with history. Marvin prepared a booklet "NC-151/213 Committee - Marketing and Delivery of Quality Cereals and Oilseeds - A History of the First 25 Years." The booklet outlines, in detail, the history of NC-151/213 by providing information on the idea behind the creation of this committee, highlights from all newsletters (Anderson Agricultural Research Fund, NC-151, NC-213), organizational beginnings, work plans including objectives and objective chairs, list of officers, meetings and workshops, coordinators - advisors and representatives. The booklet also includes Anderson Research Award recipients, funded proposals, and a review of the past 25 years of research. This booklet can be obtained from <http://www.oardc.ohio-state.edu/nc213/>.

Representation from Industry included Brock Manufacturing, Cargill, FOSS N.A., Quaker Oats, W & W Farms, Inc., and Woods End Research Lab.

The Meeting's Keynote Speaker was Will Duensing, Manager, Bunge Milling of Danville, Illinois. Mr. Duensing's presentation was titled "The Importance of Grain Quality for Dry Milled Food Ingredients" and was well received and educational.

Growth Industry.....

The Industry Advisory Committee recently experienced a great amount of growth. Four members are joining Bob Smigelski and Jim Stitzlein. Bob and Jim are delighted to have the company.

Currently, the NC-213 Industry Advisory Committee consists of the following individuals:

- Allen Butler, Foss N.A.
- Arvid Hawk, Cargill
- John McKinney, Illinois Crop Improvement
- A. Bruce Roskens, The Quaker Oats Company
- Robert Smigelski, The Andersons, Inc.
- James Stitzlein, Consolidated Grain and Barge

The Industry Advisory Committee is composed of individuals representing the grain industry from producer to end-user. The chair of the Committee sits on the NC-213 Executive Committee and is elected for a three-year term. Representatives from the Industry Advisory Committee actively participate in annual meetings and usually supply many of the speakers at the summer workshops.

The NC-213 Digital Library at Kansas State University

The NC-213 digital library system distributes notices via e-mail when the site has been updated with citations. In these notices, instructions for viewing the monthly citations as well as instructions on how to retrieve full citation information from the database are given. To see any month's citations, please go to: <http://www.ksu.edu/issa/nc213>.

Click on 'See latest additions' to view this month's citations. If you have not yet used the ISSA NC-213 website, here's how it works. Each time we update our database with new citations, a title listing will be placed on our website. You can visit the site, look for titles you want, and follow instructions there to retrieve full citation information from the database. Past title lists will also be available, in case you'd like to browse recent additions without going to search the database. The site will be updated monthly with new citations, and this list will receive an email message to alert you of each update. For questions, contact:

Donna Ekart, Digital Library Department - KSU Libraries, Hale Library, Kansas State University, Manhattan KS 785-532-7452 dfe@ksu.edu.



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At this year's NC-213 Annual Meeting/Winter Technical Session, F. Wm. (Bill) Ravlin, NC-213 Administrative Advisor/Coordinator announced the winners of the 2002 Anderson Research Program Team Competition. Dr. Scott Bean, USDA/ARS, Grain Marketing and Production Research Center in Manhattan, Kansas, Dr. Tim Herrman, Kansas State University, and Dr. David Jackson, University of Nebraska-Lincoln will be conducting research relating to **"Factors Governing the Suitability of Sorghum and Maize for Wet Milling, Dry Milling, and Alkaline Processing."** Congratulations to Scott, Tim and Dave for their winning proposal.

2002 Anderson Research Program Team Competition Winners Announced

Scott Bean, USDA,ARS-Manhattan KS



Tim Herrman, Kansas State University



David Jackson, University of Nebraska-Lincoln

