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Preface

These proceedings contain papers presented in the twenty-first annual Kansas State University Conference on Applied Statistics in Agriculture, held in Manhattan, Kansas, April 19 - April 21, 2009. The purpose of the conference is to provide a forum for discussion on the application of statistics to problems in agricultural sciences. Papers and posters presented at the conference and included in the proceedings are intended to provide information to both the statistician and agricultural researcher on current issues of agricultural and general statistical interest. More than one hundred registrants for this year’s conference came from across the country and represented government, industry, and academia.

The keynote speakers were George Milliken and Dallas Johnson, emeriti faculty from Kansas State University. Dr’s. Milliken and Johnson presented a workshop on April 19 titled “Analysis of Messy Data Revisions” that included updates from their recently published second edition of volume I, Designed Experiments.

Each contributed paper was refereed before being accepted for publication in these proceedings. The papers were accepted for publication based on their interest, relevance, innovation and application to the agricultural sciences and statistics.

Sincere thanks to the following individuals: Philip Dixon, Adam Pintar, Debbie Boykin, Matt Kramer, Bill Price, Kathy Yeater, Leigh Murray, Edzard Van Santen, John Stevens, Jixiang Wu, Brent Burch, Qinfang Xiang, John Keighley, V.A. Samaranayake, Haiyan Wang, John Boyer, and Jim Higgins for referring submitted manuscripts, Pam Schierer and student volunteers for help in conference planning and organization, and Julie Dillingham for managing the reviewing process and for assembling the proceedings. Special thanks go to our conference sponsors for their continued support: American Statistical Association, Eli Lilly & Company, Pfizer Inc, Pioneer Hi Bred-a Dupont Business and the USDA-ARS.

Gary L. Gadbury
2009 Proceedings Editor
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Wendy Boberg, Arkansas Foundation for Medical Care, Arkansas

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