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## Editor's Preface and Table of Contents

John E. Boyer Jr.

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# Proceedings

# Eighteenth ANNUAL



## Kansas State University Conference

on



Holiday Inn–Holidome  
Manhattan, Kansas

April 30–May 2, 2006



## Preface

These proceedings contain papers presented in the eighteenth annual Kansas State University Conference on Applied Statistics in Agriculture, held in Manhattan, Kansas, April 30-May 2, 2006. 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.

The keynote speaker was Oliver Schabenberger, Senior Research Statistician at SAS Institute. On April 30, 2006, Dr. Schabenberger presented a workshop titled Generalized Linear Mixed Models in Agriculture: Theory and Application.

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.

Thanks goes out to the following referees: Linda Whitehand, Bill Price, R.W. Doerge, Kathy Yeater, Ed Gbur, Linda Young, Matt Kramer, Raul Macchiavelli, Walt Stroup, George Milliken; to Tamara Bratt for her help in assembling the proceedings; and finally to our conference sponsors: American Statistical Association, Eli Lilly & Company, Pfizer Inc, Pioneer Hi-Bred International Inc, and the USDA-ARS for their continued support.

John E. Boyer, Jr., Ph. D.  
Proceedings Editor

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