

1981 CONFERENCE & ANNUAL MEETING
 NATIONAL SWINE IMPROVEMENT FEDERATION

Hyatt House, Des Moines, Iowa

SUNDAY, NOVEMBER 29, 1981

- 2:30 p.m. - BOARD OF DIRECTORS' MEETING
 Rick Maloney, Duncan, OK, presiding
- 3:00 p.m. - MEETING CONCURRENTLY
 Trait Committee
- 7:30 p.m. - OPENING GENERAL SESSION
 Rick Maloney, Duncan, OK, presiding
 "Evaluating Selection Systems Which Estimate Breeding
 Values for Genetic Improvement" - Dr. Dale Van Vleck,
 Cornell University, Ithaca, NY

MONDAY, NOVEMBER 30, 1981

- 8:00 a.m. - GENERAL SESSION
 "Why Are We Here?" - Max Waldo, DeWitt, NE, presiding
- 8:10 a.m. - "Alternative Selection Programs Using Computer
 Simulation and Their Application to Pork Systems" -
 Dr. Mike Tess, North Carolina State University,
 Raleigh, NC
- 9:00 a.m. - "A Breeder's Viewpoint on Selection Objectives" -
 Steve Kerns, KPC Agri Services, Ltd., Clearfield, IA
- 9:30 a.m. - OPEN DISCUSSION
- 10:00 a.m. - BREAK
- 10:30 a.m. - GENERAL SESSION
 Gene Isler, Ohio State University, presiding
 "Computer Programs Based on Estimated Breeding Values"
 Dr. Tom Socha, Nebraska SPF, Lincoln, NE
- 11:15 a.m. - "Alternative Computer Approaches and Their Application
 to Swine Industry Performance Selection Programs" -
 Dr. Dale Van Vleck, Cornell University, Ithaca, NY
- 12:00 - LUNCH BREAK
- 1:15 p.m. - GENERAL SESSION
 Emmett Stevermer, Iowa State University, Ames, IA,
 presiding
 "Selection Procedures Correlated with Actual Genetic
 Improvement in Performance Tested Herds" - Dr. Rodger
 Johnson, University of Nebraska, Lincoln, NE
- 2:00 p.m. - "European Testing Schemes and Their Application to
 Future U.S. Swine Improvement Programs" - Dr. Charles
 Smith, Animal Research Organization, Edinburgh,
 Scotland
- 2:45 p.m. - BREAK
- 3:15 p.m. - "Test Stations - Where Do They Fit?" - Ed Hubly,
 New Ulm, MN, presiding
 - Open Discussion -
- 5:30 p.m. - SWINE IMPROVEMENT ORGANIZATION CAUCUS
 Dr. Charles Christians, University of Minnesota, NSIF
 Secretary

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- 6:00 p.m. - RECEPTION
 7:00 p.m. - AWARDS BANQUET AND ANNUAL MEETING
 Rick Maloney, Duncan, OK, presiding
 Producer of the Year Awards
 John Gillespie, Illinois, M.C.
 Distinguished Service Award

TUESDAY, DECEMBER 1, 1981 (Joint Session with NPPC)

ESSENTIAL ELEMENTS OF EFFICIENCY

- 9:15 a.m. - WELCOME
 Jack Rundquist, presiding
 9:30 a.m. - NUTRITION AND FEED EFFICIENCY
 "The Economics of Feed Energy" - Dr. Gary Allee, Kansas
 State University, Manhattan, KS
 10:00 a.m. - "Physical Forms of Feed" - Dr. Palmer Holden, Iowa
 State University, Ames, IA
 10:30 a.m. - "Amino Acid Balance" - Dr. Jim Krug, Des Moines, IA
 11:00 a.m. - "Contributions of Feed Additives" - Dr. Virgil Hays,
 University of Kentucky, Lexington, KY
 11:30 a.m. - PANEL DISCUSSION
 "Environment and Feed Efficiency"
 12:00 - NOON LUNCH
 1:20 p.m. - "Managing Feeder Pig Conditions" - Dr. Michael Bruman,
 University of Nebraska, Concord, NE
 1:45 p.m. - "Controlling Temperature and Air Quality" - Dr. David
 Nichols, Kansas State University, Manhattan, KS
 2:10 p.m. - "Floor Types and Decking" - Dr. Don Orr, Texas Tech
 University, Lubbock, TX
 3:30 p.m. - GENETICS AND FEED EFFICIENCY
 "Model for Lean Tissue Growth" - Dr. Mike Tess, North
 Carolina State University, Raleigh, NC
 4:00 p.m. - "Direct Selection Methods" - Dr. Hal Sellers, Farmers
 Hybrid Companies, Des Moines, IA
 4:30 p.m. - "Should We Apply Typical Selection Methods?" -
 Dr. Daryl Kuhlert, Auburn University, Auburn, AL
 5:00 p.m. - PANEL DISCUSSION
 7:00 p.m. - BANQUET

WEDNESDAY, DECEMBER 2, 1981 (Joint Session with NPPC)

REPRODUCTION AND FEED EFFICIENCY

- 8:00 a.m. - "In Quest of 20 Pigs/Sow/Year" - Ken Woolley, PIC,
 Franklin, KY
 8:30 a.m. - "What Do Numbers Mean?" - Allen Franks, Guthrie, KY
 8:55 a.m. - "Impact of A.I." - Ms. Linda Reese, Moultrie, GA

HEALTH AND FEED EFFICIENCY

- 9:50 a.m. - "Closing Your Herd Can Improve Efficiency" - Curt
 Bailey, Kalamazoo, MI
 10:15 a.m. - "Monitoring the Herd for Efficiency" - Dr. Ralph
 Vinson, Oneida, IL
 10:45 a.m. - "Production Practices for Improvement" - Jim Butler,
 Austin, MN
 11:20 a.m. - "What Efficiency Means to Me" - Peter Raisbeck,
 York, England
 12:15 p.m. - SUMMARY
 Dr. Bobby Moser, University of Missouri, Columbia, MO