
Southern Journal of Agricultural Economics



Volume 24, Number 1
July, 1992

Published by
Southern Agricultural Economics Association

Southern Journal of Agricultural Economics

Volume 24, Number 1

July, 1992

Copyright © 1992 by the Southern Agricultural Economics Association

1992 Editorial Council

Darrell Bosch, *VPI and State University*
David Debertin, *University of Kentucky*
Steven A. Henning, *Louisiana State University*
Michael S. Kaylen, *University of Missouri*
Tom Knight, *Texas A&M University*
Bill R. Miller, *University of Georgia*
W. David Mulkey, *University of Florida*
David Neff, *University of Arkansas*
Kenneth Nelson, *ERS, USDA, Washington, DC*
James Nyankori, *Clemson University*
E. C. Pasour, Jr., *North Carolina State University*
Derrell Peel, *Oklahoma State University*
Eduardo Segarra, *Texas Tech University*
Surendra P. Singh, *Tennessee State University*
C. Robert Taylor, *Auburn University*

Editorial Staff

Elizabeth Weatherford, Technical Editor
Melitta Stoutt, Secretary

Editorial Policy

The purpose of the *Journal* is to provide a forum for creative and scholarly work in agricultural economics and related areas. Contributions on methodology and applications in business, extension, research, and teaching phases of agricultural economics are encouraged. Preference will be given to articles addressing problems and issues of concern in the southern region of the United States. Only submitted articles recommended by the Editorial Council are accepted for publication. The Editorial Council encourages constructive criticism of *Journal* articles and will publish accepted comments and replies.

Editorial Communications

All manuscripts and editorial correspondence should be addressed to:

John R. Brooker *or* Dan L. McLemore, Co-Editors, *SJAE*
Department of Agricultural Economics and Rural Sociology
302 Morgan Hall, University of Tennessee
P. O. Box 1071
Knoxville, TN 37901-1071
615/974-7231

Southern Journal of Agricultural Economics



Volume 24, Number 1
July, 1992

Published by
Southern Agricultural Economics Association

SAEA OFFICERS, 1968-1992

| Year | President | President-Elect | Vice-President | Secretary-Treasurer | |
|-------------|------------------------|------------------------|---------------------------|----------------------------|---------------------------------|
| 1968-69 | Robert W. Rudd | Marshall R. Godwin | A.D. Seale, JR. | John C. Redman | |
| 1969-70 | Marshall R. Godwin | Thomas J. Whatley | W.J. Lanham | Luther H. Keller | |
| 1970-71 | Thomas J. Whatley | Kenneth R. Tefertiller | Willard F. Williams | Luther H. Keller | |
| 1971-72 | Kenneth R. Tefertiller | James S. Plaxico | William E. Black | Luther H. Keller | |
| 1972-73 | James S. Plaxico | Verner G. Hurt | Charles D. Covey | Luther H. Keller | |
| 1973-74 | Verner G. Hurt | Joseph C. Purcell | James B. Bell | James H. Simpson | |
| 1974-75 | Joseph C. Purcell | Henry J. Meenen | Ted R. Nelson | James H. Simpson | |
| | | | 1st Vice-President | 2nd Vice-President | |
| 1975-76 | Henry J. Meenen | Richard A. King | Vernon R. Eidman | James L. Pearson | James H. Simpson |
| 1976-77 | Richard A. King | Donald E. Farris | Garnett L. Bradford | Thomas G. Brown | James H. Simpson |
| 1977-78 | Donald E. Farris | Joseph D. Coffey | Calvin R. Berry | Robert Raunikar | Gene A. Mathia |
| 1978-79 | Joseph D. Coffey | Leo V. Blakley | Bobby Eddleman | Harold M. Harris | Gene A. Mathia |
| 1979-80 | Leo V. Blakley | Garnett L. Bradford | John E. Lee, Jr. | John Holt | Gene A. Mathia |
| 1980-81 | Garnett L. Bradford | Bobby R. Eddleman | Joseph Havlicek | Neil R. Martin | H. Evan Drummond |
| 1981-82 | Bobby R. Eddleman | Robert Raunikar | Gerald A. Doeksen | Jerry G. West | H. Evan Drummond |
| 1982-83 | Robert Raunikar | Calvin R. Berry | Max R. Langham | J. Richard Conner | H. Evan Drummond |
| 1983-84 | Calvin R. Berry | Joseph Havlicek | J. Richard Conner | John E. Ikerd | H. Evan Drummond |
| 1984-85 | Joseph Havlicek | J. Richard Conner | John E. Ikerd | Lanny Bateman | H. Evan Drummond |
| 1985-86 | J. Richard Conner | John E. Ikerd | Lanny Bateman | Daniel S. Tilley | C.L. Charlie Huang |
| 1986-87 | John E. Ikerd | Lanny Bateman | Sandra S. Batie | Bobby H. Robinson | C.L. Charlie Huang |
| 1987-88 | Lanny Bateman | Sandra S. Batie | Lynn W. Robbins | Richard K. Perrin | C.L. Charlie Huang |
| 1988-89 | Sandra S. Batie | James N. Trapp | Ivery D. Clifton | William M. Park | Michael J. Ellerbrock |
| 1989-90 | James N. Trapp | John Adrian, Jr. | Lawrence W. Libby | Oral Capps, Jr. | Michael J. Ellerbrock |
| 1990-91 | John Adrian, Jr. | Lawrence W. Libby | Oral Capps, Jr. | Ralph D. Christy | Michael J. Ellerbrock |
| 1991-92 | Lawrence W. Libby | Oral Capps, Jr. | Ralph D. Christy | Joe T. Davis | Howard Clonts and Bill Hardy |
| 1992-93 | Oral Capps, Jr. | Ralph D. Christy | Josef M. Broder | William G. Boggess | Howard Clonts and Bill Hardy |

CONTENTS

Presidential Address

- The Food Distribution Industry: Untapped Clientele For Agricultural Economists
Oral Capps, Jr. 1

Invited Papers and Discussions

- Agribusiness In A Global Economy: Challenges For An Evolving Profession
Michael L. Cook 11
- Educating The Undergraduate Agribusiness Major
Lonnie R. Vandever and Leo J. Guedry 17
- Designing Graduate Education For Agribusiness Students
Travis D. Phillips, Warren C. Couvillion, Zoel W. Daughtrey, and Daryl V. Burckel 27
- Agribusiness And The Agricultural Economics Profession: Research Agendas In
Agribusiness
Kerry K. Litzenberg 31
- Agribusiness And Extension: Characteristics Of Successful Programs To Serve A Rapidly
Changing Clientele
Jay T. Akridge 37
- The Proposed United States-Mexico-Canada North American Free Trade Agreement: the
Mexican Perspective
Eduardo Segarra 45
- The U.S.-Mexico Free Trade Agreement: The Mexican Perspective: Discussion
C. Parr Rosson, III, and Amy Angel 55
- The U.S.- Mexico Free Trade Agreement: The Mexican Perspective: Discussion
Nicole Ballenger 59
- Free Trade Impacts On U.S. And Southern Agriculture
Mary E. Burfisher, Robert M. House, and Suchada V. Langley 61
- Free Trade Impacts On U.S. And Southern Agriculture: Discussion
Gary F. Fairchild 79
- Free Trade Impacts On U.S. and Southern Agriculture: Discussion
Stanley M. Fletcher and Mechel S. Paggi 83
- Conceptual Underpinnings Of Policy Analysis For Rural Development
Brady J. Deaton and Glenn L. Nelson 87
- Conceptual Underpinnings Of Policy Analysis For Rural Development: Discussion
Adell Brown, Jr. 101
- Conceptual Underpinnings Of Policy Analysis For Rural Development: Discussion
David Freshwater 103
- Assessing The Research Framework And Institutional Context For Rural Development
Policy
David A. McGranahan 105

| | |
|--|-----|
| Assessing The Research Framework And Institutional Context For Rural Development Policy: Discussion Joyce E. Allen | 111 |
| Assessing The Research Framework And Institutional Context For Rural Development Policy: Discussion David B. Schweikhardt | 117 |

Articles

| | |
|--|-----|
| Microeconomic Effects Of Reduced Yield Variability Cultivars Of Soybeans And Wheat Carl R. Dillon | 121 |
| Multiproduct Production Choices And Pesticide Regulation In Georgia Christopher S. McIntosh and Albert A. Williams | 135 |
| Why Do Farmers Forward Contract In Factor Markets? John J. Haydu, Robert J. Myers, and Stanley R. Thompson | 145 |
| Estimates Of Government Intervention Levels In U.S. Peanut Markets Bill R. Miller and Carl Mabbs-Zeno | 153 |
| Selecting The “Best” Prediction Model: An Application To Agricultural Cooperatives Alicia N. Rambaldi, Hector O. Zapata, and Ralph D. Christy | 163 |
| Measuring The Effect Of Capital Structure And Seasonality On Expected Returns And Risk: The Fresh Market Vegetable Case J. W. Prevatt, L. L. Bauer, E. H. Kaiser, and P. J. Rathwell | 171 |
| The U.S. Wheat And Corn Programs: Some Domestic Welfare And International Trade Implications Kathleen Carey | 179 |
| Regional Acreage Response For U.S. Corn And Wheat: The Effects Of Government Programs Duncan M. Chembezi and Abner W. Womack | 187 |
| Quasi-Experimental Designs For Measuring Impacts Of Developmental Highways In Rural Areas Josef M. Broder, Teresa D. Taylor, and Kevin T. McNamara | 199 |
| Introducing Foods Produced Using Biotechnology: The Case Of Bovine Somatotropin Anya M. McGuirk, Warren P. Preston, and Gerald M. Jones | 209 |
| Non-Tariff Measures And Industrial Nation Imports Of Agricultural Products Don P. Clark | 225 |
| Livestock Futures Markets And Rational Price Formation: Evidence For Live Cattle And Live Hogs Stephen R. Koontz, Michael A. Hudson, and Matthew W. Hughes | 233 |
| Import Demands For U.S. Fresh Grapefruit: Effect Of U.S. Promotion Programs And Trade Policies Of Importing Nations Stephen Fuller, Haruna Bello, and Oral Capps, Jr. | 251 |
| The Effects Of Changes In Federal Income And Social Security Taxes On Farmers Michael Compson and Ron Durst | 261 |
| Market Impacts Of Bovine Somatotropin: A Supply And Demand Analysis Harry M. Kaiser | 271 |

Abstracts

| | |
|------------------------------|-----|
| Selected Papers | 283 |
| Selected Posters | 301 |
| Organized Symposia | 305 |

SAEA Reports

| | |
|--|-----|
| Editor's Report | 309 |
| Secretary-Treasurer's Report, 1992 | 311 |
| Southern Agricultural Economics Association Award Recipients, 1992 | 315 |

| | |
|---|------------|
| Guidelines for Submission of Manuscripts | 316 |
|---|------------|