



AgEcon SEARCH
RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search

<http://ageconsearch.umn.edu>

aesearch@umn.edu

*Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.*

JOURNAL OF

AGRICULTURAL & APPLIED ECONOMICS

VOLUME 34

DECEMBER 2002

NUMBER 3

Articles

Commodity R&D and Promotion / *Timothy J. Richards and Luis Padilla*

Restricted HT Transformation / *L. Joe Moffitt*

The Production Theory Approach / *Andrew A. Washington and Richard L. Kilmer*

Online Exams / *Andrew P. Barkley*

Market Inversions / *Byung-Sam Yoon and B. Wade Brorsen*

Niche Markets: Local, Organic, and GMO-Free / *Maria L. Loureiro and Susan Hine*

Banning Subtherapeutic Antibiotics in Swine / *B. Wade Brorsen, Terry Lehenbauer, Dasheng Ji, and Joe Connor*

Red Meat Import Demand / *Dragan Miljkovic, John M. Marsh, and Gary W. Brester*

Beef Drug Bans / *Kenneth H. Mathews, Jr.*

Student Numbers in Ph.D. Courses / *George C. Davis and Ernesto Perusquia*

Water-Based Recreation Values / *Ram K. Shrestha, Janaki R.R. Alavalapati, Taylor V. Stein, Douglas R. Carter, and Christine B. Denny*

Quality, Weather, and Cotton Production / *Megan L. Britt, Octavio A. Ramirez, and Carlos E. Carpio*

Japanese Fruit Import Demand / *Troy G. Schmitz and James L. Seale, Jr.*

Invited by the Editor

Seasonal Climate Forecasts / *Harvey S.J. Hill and James W. Mjelde*

EDITORIAL STAFF

Editor

John B. Penson, Jr.
Texas A&M University

Editorial Council

Ronald Babula

U.S. International Trade Commission

Barry Barnett

University of Georgia

Molly Espey

Clemson University

Allen Featherstone

Kansas State University

Michael Haigh

University of Maryland

Eluned Jones

Virginia Tech University

Kandice Kahl

Clemson University

Patricia Norris

Michigan State University

Greg Pompelli

USDA ERS ATO

Mitch Renkow

North Carolina State University

Parr Rosson

Texas A&M University

C. Robert Taylor

Auburn University

Steven Vickner

University of Kentucky

Michael Walden

North Carolina State University

Dave Weatherspoon

Michigan State University

Associate Editor

Linda S. Crenwelge
Texas A&M University

EDITORIAL POLICY

The *Journal of Agricultural and Applied Economics (JAAE)* provides 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 and applied economics are equally encouraged. Submitted manuscripts are subject to peer review for publication consideration. Submission of critiques or comments on *JAAE* articles are welcomed.

EDITORIAL COMMUNICATIONS

Manuscript submissions and editorial correspondence should be addressed to John B. Penson, Jr., Editor, *JAAE*, Dept. of Agricultural Economics, Texas A&M University, 2124 TAMU, College Station, TX 77843-2124. Phone: (979) 845-5223; Fax: (979) 862-1563; Email: JAAE@tamu.edu.

The *Journal of Agricultural and Applied Economics* (ISSN 1074-0708) is published in April, August, and December by the Southern Agricultural Economics Association (SAEA). Visit our worldwide web site at <http://www.agecon.uga.edu/~jaae>.

Copyright © 2002 by the Southern Agricultural Economics Association. Any article or other material published in the *JAAE* may not be resubmitted for publication or republished elsewhere in full or in part without the written permission of the editor.

JOURNAL OF
AGRICULTURAL & APPLIED
ECONOMICS

VOLUME 34

DECEMBER 2002

NUMBER 3

Articles

- Commodity R&D and Promotion / *Timothy J. Richards and Luis Padilla* 401
- Characterizing Uncertain Outcomes with the Restricted HT Transformation / *L. Joe Moffitt* 417
- The Production Theory Approach to Import Demand Analysis: A Comparison of the Rotterdam Model and the Differential Production Approach / *Andrew A. Washington and Richard L. Kilmer* 431
- An Analysis of Online Examinations in College Courses / *Andrew P. Barkley* 445
- Market Inversion in Commodity Futures Prices / *Byung-Sam Yoon and B. Wade Brorsen* 459
- Discovering Niche Markets: A Comparison of Consumer Willingness to Pay for Local (Colorado Grown), Organic, and GMO-Free Products / *Maria L. Loureiro and Susan Hine* 477
- Economic Impacts of Banning Subtherapeutic Use of Antibiotics in Swine Production / *B. Wade Brorsen, Terry Lehenbauer, Dasheng Ji, and Joe Connor* 489
- Japanese Import Demand for U.S. Beef and Pork: Effects on U.S. Red Meat Exports and Livestock Prices / *Dragan Miljkovic, John M. Marsh, and Gary W. Brester* 501
- Economic Effects of a Ban Against Antimicrobial Drugs Used in U.S. Beef Production / *Kenneth H. Mathews, Jr.* 513
- Student Numbers and Sustaining Courses and Fields in Ph.D. Programs / *George C. Davis and Ernesto Perusquia* 531
- Visitor Preferences and Values for Water-Based Recreation: A Case Study of the Ocala National Forest / *Ram K. Shrestha, Janaki R.R. Alavalapati, Taylor V. Stein, Douglas R. Carter, and Christine B. Denny* 547
- Effects of Quality Considerations and Climate/Weather Information on the Management and Profitability of Cotton Production in the Texas High Plains / *Megan L. Britt, Octavio A. Ramirez, and Carlos E. Carpio* 561

Import Demand for Disaggregated Fresh Fruits in Japan / *Troy G. Schmitz and James L. Seale, Jr.* 585

Invited by the Editor

Challenges and Opportunities Provided by Seasonal Climate Forecasts: A Literature Review / *Harvey S.J. Hill and James W. Mjelde* 603

Acknowledgment

Reviewers, July 2001–July 2002 633