



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 Food Distribution Research

Volume XXXIX, Number 1

March 2008

ISSN 0047-245X

The *Journal of Food Distribution Research* has an applied, problem-oriented focus. The *Journal's* emphasis is on the flow of products and services through the food wholesale and retail distribution system. Related areas of interest include patterns of consumption, impacts of technology on processing and manufacturing, packaging and transport, data and information systems in the food and agricultural industry, market development, and international trade in food products and agricultural commodities. Business and agricultural and applied economic applications are encouraged. Acceptable methodologies include survey, review, and critique; analysis and syntheses of previous research; econometric or other statistical analysis; and case studies. Teaching cases will be considered. Issues on special topics may be published based on requests or on the editor's initiative. Potential usefulness to a broad range of agricultural and business economists is an important criterion for publication.

The *Journal of Food Distribution Research* is a publication of the Food Distribution Research Society, Inc. (FDRS). The *JFDR* is published three times a year (March, July, and November). The *JFDR* is a refereed Journal in its July and November Issues. A third, non-refereed issue contains papers presented at FDRS' annual conference and Research Reports and Research Updates presented at the conference. Members and subscribers also receive the *Food Distribution Research Society Newsletter* normally published twice a year.

The *Journal* is refereed by a review board of qualified professionals (see Editorial Review Board list). Manuscripts should be submitted to the FDRS Editors (see back cover for Guidelines for Manuscript Submission).

The FDRS accepts advertising of materials considered pertinent to the purposes of the Society for both the *Journal* and the *Newsletter*. Contact the V.P. for Membership for more information.

Life-time membership is \$400; library subscriptions are \$50; professional membership is \$40; and student membership is \$10 a year. For foreign mail, add: US\$12 for Canada, Mexico, and the Caribbean; \$26 for Europe and South America; \$32 for Asia and the Pacific Rim. Subscription agency discounts are provided.

Change of address notification: Send to Denise Mainville, Virginia Polytechnic Institute & State University, Department of Agricultural & Applied Economics, 315 Hutcheson Hall, Mail Code 0401, Blacksburg, VA 24061; Phone: (540) 231-5774; Fax: (540) 231-7417; e-mail: mainville@vt.edu.

Copyright © 2008 by the Food Distribution Research Society, Inc. Copies of articles in the *Journal* may be noncommercially reproduced for the purpose of educational or scientific advancement. Printed in the United States of America.

Indexing and Abstracting

Articles are selectively indexed or abstracted by:

AGRICOLA Database, National Agricultural Library, 10301 Baltimore Blvd., Beltsville, MD 20705.

CAB International, Wallingford, Oxon, OX10 8DE, UK.

The Institute of Scientific Information, Russian Academy of Sciences, Baltijskaja ul. 14, Moscow A219, Russia.

Food Distribution Research Society
<http://fdrs.ag.utk.edu/>

Editors

Albert J. Allen, Mississippi State University
Ronald L. Rainey, University of Arkansas

Technical Editor

James C. Bassett

Printer

Omni Press

Editorial Review Board

Corinne Alexander, Purdue University
Paul Armah, Arkansas State University
DeeVon Bailey, Utah State University
Gregory Baker, Santa Clara University
John Bernard, University of Delaware
Michael Best, Tennessee Technological University
Sanjoy Bhattacharjee, Mississippi State University
Kathryn Boys, Purdue University
James Chalfant, University of California-Davis
Duncan Chembezi, Alabama A&M University
Hayley Chouinard, Washington State University
Kynda Curtis, University of Nevada-Reno
Catherine Durham, Oregon State University
James Epperson, University of Georgia-Athens
Stanley Ernst, The Ohio State University
Cesar Escalante, University of Georgia-Athens
Archie Flanders, University of Georgia-Athens
Cornelia Flora, Iowa State University
Wojciech Florkowski, University of Georgia-Griffin
Jerry Fruin, University of Minnesota
Ramu Govindasamy, Rutgers The State University of New Jersey
Orlen Grunewald, Kansas State University
Lewell Gunter, Jr., University of Georgia-Athens
Terry Hanson, Mississippi State University
Shermain Hardesty, University of California-Davis
Cary Herndon, Jr., Mississippi State University
Roger Hinson, Louisiana State University
Rodney Holcomb, Oklahoma State University
Ken Hood, Mississippi State University
Darren Hudson, Mississippi State University
Phil Kenkel, Oklahoma State University
Robert King, University of Minnesota
Won Koo, North Dakota State University
Kerry Litzenberg, Texas A&M University
Denise Mainville, Virginia Tech University
Jaime Malaga, Texas Tech University
Tom Marsh, Washington State University
Patricia Meynsse, Southern University A&M College
Andrew Muhammad, Mississippi State University
Mickey Paggi, California State University-Fresno
Joe Parcell, University of Missouri-Columbia
John Park, Texas A&M University
Alfred Parks, Prairie View A&M University
Paul Patterson, Arizona State University
John Phillips, California State University-Pomona
Benedict Posadas, Mississippi State University
Ron Rainey, University of Arkansas-Little Rock
Kellie Raper, Oklahoma State University
Dixie Reaves, Virginia Tech University
Sayed Saghaian, University of Kentucky
Saleem Shaik, North Dakota State University
Aslinand Spaulding, Illinois State University
Matthew Stockton, University of Nebraska-Lincoln
Ulrich Toensmeyer, University of Delaware
Cheryl Wachenheim, North Dakota State University
Mollie Woods, Michigan State University
Allen Wysocki, University of Florida
Osei Yeboah, North Carolina A&T State University
Lydia Zepeda, University of Wisconsin-Madison

Journal of Food Distribution Research
Volume XXXIX, Number 1
March 2008

CONTENTS

	Pages
Research Reports	
The Economic Potential of the Lime-Oil Industry in Mexico <i>Saul Julian Abarca Orozco and James E. Epperson</i>	1–4
An Analysis of Trends in Food Import Refusals in the United States <i>Albert J. Allen, Albert E. Myles, Saleem Shaik, and Osei Yeboah</i>	5–10
Exploiting the Cointegration Properties of China's Monthly Cotton Import Market and World Apparel Market Conditions: A Preliminary Analysis <i>Ronald A. Babula and Wusheng Yu</i>	11–17
The Economic Performance of Food-Manufacturing Industries in Idaho <i>Yuliya Bolotova</i>	18–24
Contractual Relations in the Production and Marketing of Potatoes, Barley, and Wheat in Idaho: A Procedure for an Empirical Analysis <i>Yuliya Bolotova and Paul E. Patterson</i>	25–30
Consumer Attitudes toward Milk Products Produced from Cloned Cows <i>Leslie J. Butler, Marianne McGarry Wolf, and Stacey Bandoni</i>	31–35
An Econometric Evaluation of Producers' Preferences for Mandatory Labeling of Genetically Modified Food Products <i>Duncan M. Chembezi, E'licia L. Chavarest, Gerald Wheelock, Gobind C. Sharma, Ellene Kebede, and Fisseha Tegegne</i>	36–44

Published by



Demand for Pasture-Raised Livestock Products in Michigan: Results of Consumer Surveys.....	45–50
and Experimental Auctions	
<i>David S. Conner and Diana Oppenheim</i>	
Trust in Food-Safety Information Sources: Examining Differences in Respondents’ Opinions	51–56
from a Three-State Survey	
<i>Enefiok Ekanem, MaryMafuyai-Ekanem, Fisseha Tegegne, and Surendra Singh</i>	
The Demand for Imported Apple Juice in the Untied States	57–61
<i>Esendegue Greg Fonsah and Andrew Muhammad</i>	
The Fruit and Vegetable Industry in Indonesia: Production and Limited Access to Market	62–66
<i>Esendugue Greg Fonsah, James M. Roshetko, Suseno Budidarsono, Joel C. M. Tukan, E. Nugraha, and Gerhard S. Manurung</i>	
Why Are There Seeds in My Banana? A Look at Ornamental Bananas.....	67–71
<i>Esendegue Greg Fonsah, Richard Wallace, and Gerald Krewer</i>	
Increasing Food-SafetyProtection: Fresh Apple Markets in China	72–77
<i>Lili Gao and Suzanne Thornsby</i>	
An Institutional Framework for Meeting International Food-Safety Market Standards from a.....	78–83
Developing-Country Perspective	
<i>Kriti Bardhan Gupta and Sayed H. Saghaian</i>	
A Pilot Study of Halal Goat-Meat Consumption in Atlanta, Georgia.....	84–91
<i>Mohammed Ibrahim, Xuanli Liu, and Mack Nelson</i>	
Intergenerational Use of and Attitudes toward Food Labels in Lousiana.....	92–96
<i>Patricia E. McLean-Meyinsse and Jock J. Summers</i>	
The Effect of Conflicting Health Information on Frozen Salmon Consumption in Alberta,.....	97–102
Canada	
<i>Megan Nickoloff, Leigh Maynard, Sayed Saghaian, and Micheal Reed</i>	
Eat Your Fruits and Veggies: Who Informs Consumers about Produce Choices and Nutrition?	103–109
<i>Gretchen Nurse-Schorre, Dawn Thilmany, Jennifer Keeling-Bond, and Marisa Bunning</i>	
Americans’ Perceptions of Food Safety: A Comparative Study on Fresh Produce and Meat	110
Products	
<i>Benjamin Onyango and William K. Hallman</i>	
Economics of Organic Blueberry Establishment in Georgia	111–115
<i>Kristy Plattner, Esendugue Greg Fonsah, Cesar Escalante, Gerard Krewer, Harald Scherm, Peter C. Andersen, Oscar Liburd, and Moukaram Tertuliano</i>	
Convergence in Food Demand and Delivery: Do Middle-Income Countries Follow High-.....	116–122
Income Trends?	
<i>Anita Regmi, Hiroyuki Takeshima, and Laurian Unnevehr</i>	

Consumer Response to and Trust of Information about Food-Safety Events in the Chicken 123–129
and Beef Markets in Kentucky

Jonathan Shepherd and Sayed Saghaian

Do Shifting Milk-Production Patterns Weaken the Dairy Supply Chain? The Case for the 130–137
Southeastern U.S.

Tommie Shepherd and Archie Flanders

An Examination of Behaviors and Attitudes toward Food Based on the Self-Reported Desire..... 138–142
to Lose Weight: A Comparison of Two Groups in the United States and Italy

Marianne McGarry Wolf, Paola Bertolini, Traci A. Matheson, and Kylie Pringle

A Bio-Economic Model of Recirculation Shrimp-Production Systems 143

Xia Vivian Zhou, Terry Hanson, Stan Spurlock, and Darren Hudson

Research Updates

From Farm to School: An Alternative Market for Texas Citrus 144

Benjamin L. Campbell, John L. Park, Andres Silva, and Rodolfo M. Nayga, Jr.

Expanding Farm-Fresh Direct-Marketing Opportunities in the 21st Century 145

Carl L. German, U. C. Toensmeyer, Turner Hopkins, Richard VanVranken, and Linda Smith

Determining Consumer Acceptance of and Willingness to Pay for U.S. Farm-Raised Freshwater 146
Prawns

Terry Hanson, Darren Hudson, Patti Coggins, and Robert Anderson

Household Grocery-Coupon Use: The Impact of Income and Demographics 147

J. Michael Harris and Rimma Shiptsova

An “Integrated Firm” Strategy in Asian Vegetable Imports 148

Roger A. Hinson, John V. Westra, and Carl Mostenbocker

Conducting HACCP Audits Down on the Farm 149

Forrest Stegelin

Using Alternative Non-Pour Renewable Energy Technologies in the Food Industry 150

Forrest Stegelin

Assessing Tennessee Consumers’ Willingness to Pay for Food Protection..... 151

Fisseha Tegegne, Samuel Nahashon, and Ahmad Aziz

