

JOURNAL OF

# Agricultural and Resource Economics

---

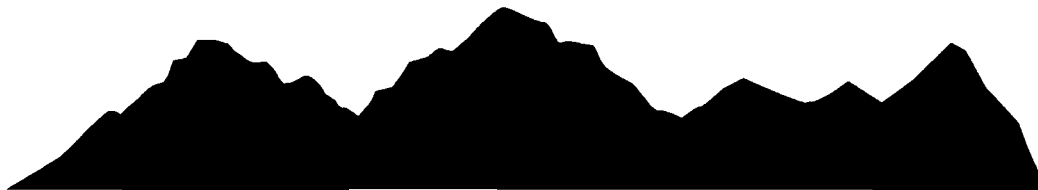
**Volume 29**

•      **Number 2**      •

**August 2004**

---

- Klamath Water Conflicts and a Role for Markets ..... W. K. Jaeger
- Effects of Country-of-Origin Labeling ..... J. L. Lusk and J. D. Anderson
- Distributional Impacts of Country-of-Origin Labeling ..... G. W. Brester, J. M. Marsh,  
and J. A. Atwood
- Improving Cattle Basis Forecasting ..... G. T. Tonsor, K. C. Dhuyvetter, and  
J. R. Mintert
- Farmer Participation in the Conservation Reserve Program ..... M. Isik and W. Yang
- Cottonseed Cross-Hedging ..... S. M. Rahman, J. H. Dorfman, and S. C. Turner
- Processed Food Demand Elasticities ..... J. Bergtold, E. Akobundu, and E. B. Peterson
- Russian Household Carbohydrate Expenditures ..... R. Shiptsova, H. L. Goodwin, Jr.,  
and R. B. Holcomb
- The Impact of Market Advisory Service Recommendations ..... J. M. E. Pennings,  
O. Isengildina, S. H. Irwin, and D. L. Good
- Modeling Demands for Irrigation Consumptive Use ..... S. M. Scheierling, R. A. Young,  
and G. E. Cardon
- Agricultural Productivity in the Great Plains ..... J. P. Rezek and R. K. Perrin
- Distributional Welfare of Parks ..... E. Feinerman, A. Fleischer, and A. Simhon



---

**The Journal of the Western Agricultural Economics Association**

---

## EDITOR

DeeVon Bailey

*Utah State University, Logan, Utah*

Co-editors: David Aadland, T. F. Glover, and Paul M. Jakus

## EDITORIAL COUNCIL

(2004–2006)

Mary C. Ahearn <i>USDA, ERS, RED</i>	Jorge Fernandez-Cornejo <i>USDA, ERS</i>	Madhu Khanna <i>Univ. of Illinois</i>	W. Douglass Shaw <i>Univ. of Nevada, Reno</i>
Gary W. Brester <i>Montana State Univ.</i>	Jill E. Hobbs <i>Univ. of Saskatchewan</i>	Won W. Koo <i>North Dakota State Univ.</i>	Michele Veeman <i>Univ. of Alberta</i>
George C. Davis <i>Texas A&amp;M Univ.</i>	Bryan J. Hubbell <i>Environ. Protection Agency</i>	Jeffrey T. LaFrance <i>Univ. of Calif., Berkeley</i>	H. Holly Wang <i>Washington State Univ.</i>
Rolf G. Färe <i>Oregon State Univ.</i>	Lynn Hunnicutt <i>Pacific Lutheran Univ.</i>	Ronald C. Mittelhammer <i>Washington State Univ.</i>	Bruce A. Weber <i>Oregon State Univ.</i>
Y. Hossein Farzin <i>Univ. of Calif., Davis</i>	Terry L. Kastens <i>Kansas State Univ.</i>	Paul M. Patterson <i>Arizona State Univ.</i>	

### Associate/Technical Editor

Judith L. Harrison

2938 Warbler Way, #18, Bozeman, MT 59718 (WordDoctor@aol.com)

### Editorial Assistant

Amanda Cram

*Utah State University, Logan, Utah*

The *Journal of Agricultural and Resource Economics* is published by the Western Agricultural Economics Association three times per year, in April, August, and December.

Copyright © 2004 by the Western Agricultural Economics Association.

An article, note, or other material appearing in the *Journal of Agricultural and Resource Economics* may not be republished in full or in part without permission from the editor.

### Editorial Policy

The *Journal of Agricultural and Resource Economics* seeks to publish creative and scholarly economic studies in agriculture, natural resources, and related issues. Manuscripts dealing with the economics of food and agriculture, natural resources and the environment, human resources, and rural regions are encouraged. The *Journal* seeks to provide a forum for topics of interest to those performing economic research as well as to those involved with economic policy and education. Submission of comments on articles previously published in the *Journal* is welcomed.

### Editorial Communications

All initial submissions and accompanying editorial correspondence should be addressed to DeeVon Bailey, Editor, *JARE*, Department of Economics, Business Building, Room 606, 3530 Old Main Hill, Utah State University, Logan, UT 84322-3530. Visit our internet web site at <http://jareonline.org>.

PRINTED BY THE SHERIDAN PRESS, INC., HANOVER, PA

## **Western Agricultural Economics Association**

<i>President</i>	Ted C. Schroeder, Kansas State University
<i>Vice President</i>	Jill J. McCluskey, Washington State University
<i>President-Elect</i>	Dana L. Hoag, Colorado State University
<i>Past President</i>	E. Bruce Godfrey, Utah State University
<i>Secretary-Treasurer</i>	Dawn D. Thilmany, Colorado State University (2001–2004) Lynn Williams, California State University-Fresno (2004–2007)
<i>Directors</i>	Penelope L. Diebel, Oregon State University, LaGrande (2003–2005) Paul M. Patterson, Arizona State University, Mesa (2003–2005) Cheryl S. DeVuyst, North Dakota State University (2004–2006) Eric C. Schuck, Colorado State University (2004–2006)

### **Membership and Journal Subscription**

WAEA calendar-year membership dues are \$25 for regular members in the U.S., Canada, and Mexico; \$12 for senior (retired) and \$5 for junior (student) members in the U.S., Canada, and Mexico; \$30 for regular members overseas; \$17 for senior (retired) and \$10 for junior (student) members overseas. Lifetime membership is available for those who are at least 55 years of age. All members receive this journal.

Library and other institutional subscription prices are \$75 in the U.S., Canada, and Mexico; \$80 in all other countries.

Applications for membership, payments of dues, subscription charges, changes in address, and other inquiries should be addressed to Dawn D. Thilmany, Secretary-Treasurer, WAEA, Department of Agricultural and Resource Economics, Colorado State University, Fort Collins, CO 80523-1172.

Visit our internet web site at <http://www.waeaonline.org>

— JOURNAL OF —

# Agricultural and Resource Economics

---

Volume 29

•                      Number 2                      •

August 2004

---

## Articles

Conflicts over Water in the Upper Klamath Basin and the Potential Role for Market-Based Allocations / *William K. Jaeger* / 167

Effects of Country-of-Origin Labeling on Meat Producers and Consumers / *Jayson L. Lusk and John D. Anderson* / 185

Distributional Impacts of Country-of-Origin Labeling in the U.S. Meat Industry / *Gary W. Brester, John M. Marsh, and Joseph A. Atwood* / 206

Improving Cattle Basis Forecasting / *Glynn T. Tonsor, Kevin C. Dhuyvetter, and James R. Mintert* / 228

An Analysis of the Effects of Uncertainty and Irreversibility on Farmer Participation in the Conservation Reserve Program / *Murat Isik and Wanhong Yang* / 242

A Bayesian Approach to Optimal Cross-Hedging of Cottonseed Products Using Soybean Complex Futures / *Shaikh Mahfuzur Rahman, Jeffrey H. Dorfman, and Steven C. Turner* / 260

The FAST Method: Estimating Unconditional Demand Elasticities for Processed Foods in the Presence of Fixed Effects / *Jason Bergtold, Ebere Akobundu, and Everett B. Peterson* / 276

Household Expenditure Patterns for Carbohydrate Sources in Russia / *Rimma Shiptsova, H. L. Goodwin, Jr., and Rodney B. Holcomb* / 296

The Impact of Market Advisory Service Recommendations on Producers' Marketing Decisions / *Joost M. E. Pennings, Olga Isengildina, Scott H. Irwin, and Darrel L. Good* / 308

Determining the Price-Responsiveness of Demands for Irrigation Water Deliveries versus Consumptive Use / *Susanne M. Scheierling, Robert A. Young, and Grant E. Cardon* / 328

Environmentally Adjusted Agricultural Productivity in the Great Plains / *Jon P. Rezek and Richard K. Perrin* / 346

Distributional Welfare Impacts of Public Spending: The Case of Urban versus National Parks / *Eli Feinerman, Aliza Fleischer, and Avi Simhon* / 370