



**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](mailto: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.*

# **Western Journal of Agricultural Economics**

Volume 2  
December 1977



# **Western Journal of Agricultural Economics**

Volume 2  
December 1977



### Editor

Peter J. Barry  
*Texas A&M University*

### EDITORIAL COUNCIL

Richard Green  
*University of California-Davis*

F. L. Leistritz  
*North Dakota State University*

Richard H. Courtney  
*Bank of America*

Frank S. Conklin  
*Oregon State University*

Harry P. Mapp, Jr.  
*Oklahoma State University*

A. A. Araj  
*University of Idaho*

Heinz Spielmann  
*University of Hawaii*

M. S. Stauber  
*Montana State University*

Darryl Kraft  
*University of Manitoba*

David W. Price  
*Washington State University*

Larry N. Langemeir  
*Kansas State University*

John Keith  
*Utah State University*

Russell Gum  
*University of Arizona*

William D. Gorman  
*New Mexico State University*

James Jacobs  
*University of Wyoming*

The *Western Journal of Agricultural Economics* is published by the Western Agricultural Economics Association twice a year in July and December.

Printed for the WAEA by Texas A&M University Printing Center. Second class postage paid at College Station, Texas and additional mailing offices.

Copyright © 1977 by the Western Agricultural Economics Association.

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

### Editorial Policy

The purpose of the Journal is to provide a forum for creative and scholarly work in agricultural economics and related areas. Manuscripts should have a relationship to the economics of agriculture, natural resources, human resources, or rural and community development. Contributions on methodology or applications in business, extension, research, and teaching phases of agricultural economics are equally encouraged. Preference will be given to articles concerned with problems and issues of concern in the Western and Great Plains regions of the United States and Canada. Only refereed articles are accepted for publication except for invited papers published in proceedings issues of the WAEA annual meetings. Contributed papers presented at the WAEA annual meetings must be reviewed and accepted by the editor before they can be published.

### Editorial

#### Communications

All manuscripts and editorial correspondence should be addressed to Peter J. Barry, Editor, WJAE, Department of Agricultural Economics, Texas A&M University, College Station, Texas 77843.

# Contents

Western Journal of Agricultural Economics

Volume 2 December 1977

ARTICLES	PAGE
The Potential Impact of Airline Deregulation on Feeder Routes in the Far West ..... Lawrence Shepard	1
Allocation Problems of Public Lands in the West ..... J. B. Wyckoff	11
Physician Participation in Medicaid ..... John E. Kushman	21
Supply Response to Risk: The Case of U.S. Pinto Beans ..... Timothy J. Ryan	35
Determining Optimal Fertilizer Rates Under Variable Weather Conditions ..... Hovav Talpaz and C. Robert Taylor	45
Commodity Prices and Resource Use Under Various Energy Alternatives in Agriculture ..... Dan Dvoskin and Earl O. Heady	53
WAEA CONSTITUTION .....	63
WAEA MASTER OF SCIENCE THESES, 1976 .....	67