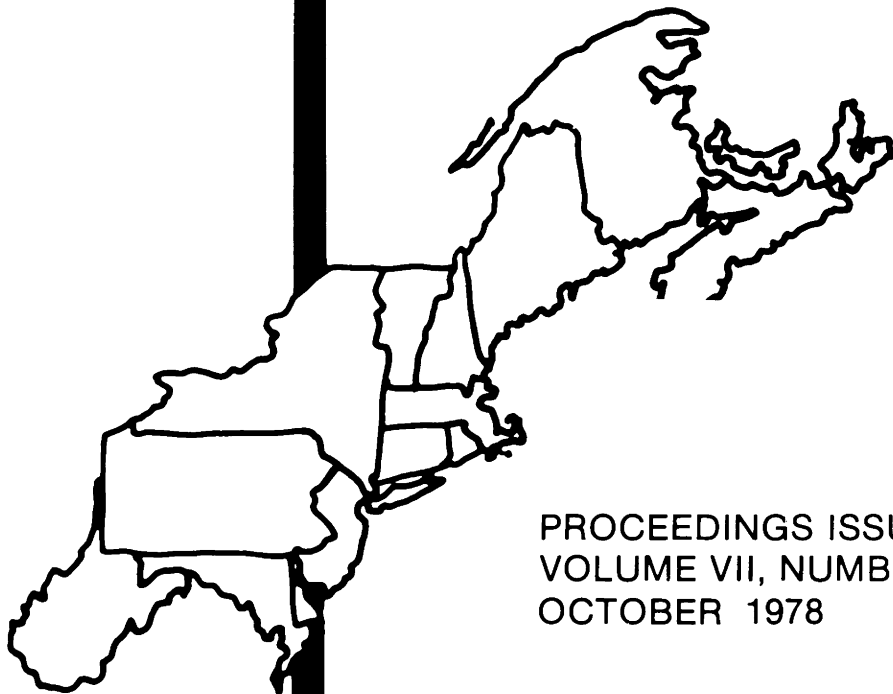


JOURNAL OF THE

**Northeastern
Agricultural
Economics
Council**



PROCEEDINGS ISSUE
VOLUME VII, NUMBER 2
OCTOBER 1978

JOURNAL OF THE NORTHEASTERN AGRICULTURAL ECONOMICS COUNCIL

VOLUME VII, NUMBER 2 OCTOBER 1978

Dale Colyer, Editor

EDITORIAL BOARD

Filmore Bender, Maryland
Joachim Elterich, Delaware
Sidney Ishee, Maryland
Earl Partenheimer, Pennsylvania

Leslie Small, New Jersey
Jerome Stam, ESCS, USDA
Donald Tobey, Johnson State College
Silas Weeks, New Hampshire

COUNCIL OFFICERS

PRESIDENT
PRESIDENT-ELECT
SECRETARY-TREASURER

Johannes Delphandahl, Maine
Dale Colyer, West Virginia
Mary Templeton, West Virginia University

EXECUTIVE COUNCIL

R. A. Andrews, New Hampshire
Alan R. Bird, USDA
Johannes Delphandahl, Maine
Carlton C. Dennis, Agway
Raymond Farrish, Connecticut
Olan Forker, Cornell
John H. Foster, Massachusetts

T. Campbell Gunn, Nova Scotia
Darrell L. Hueth, Rhode Island
A. R. Koch, Rutgers
Virgil Norton, Maryland
John Malone, Pennsylvania
Dale Colyer, West Virginia
Robert Sinclair, Vermont
Raymond C. Smith, Delaware

The JNAEC is the official publication of the Northeastern Agricultural Economics Council (NAEC). The purpose of the Journal is to foster and disseminate professional thought and literature relating to the economics of agriculture, natural resources and community development. It is published twice a year—one issue is the proceedings of the annual meeting and the other is for refereed contributed papers.

Membership to NAEC is open to all persons having an interest in agricultural economics. Membership dues include

subscription to the JNAEC and are \$5.00 per year regular and \$3.00 per year student. All other subscriptions are \$5.00 per year. Single copy prices are \$2.50 per issue.

Address all editorial material to Dale Colyer, Division of Resource Management, West Virginia University, Morgantown, West Virginia 26506. Address requests for membership, subscriptions, changes of address to Mary Templeton, Division of Resource Management, West Virginia University, Morgantown, West Virginia 26506.

JOURNAL OF THE
NORTHEASTERN
AGRICULTURAL
ECONOMICS
COUNCIL

VOLUME VII
NUMBER 2
OCTOBER 1978

789 - 3504

CONTENTS

Public Policy and Regulation	
R. J. Hildreth	1
Population Trends in the Northeast	
Calvin Beale	5
Effects of Population Redistribution in the Northeast	
William H. Beardsley	13
TEACHING PROGRAMS	
Changing Undergraduate Degree Requirements for Agricultural Economics in Northeastern Land Grant Universities	
Daymon Thatch	15
Meeting the Demands for New Degree Programs and Course Offerings: The Experience at Maryland	
I. E. Strand and F. E. Bender	21
Changes in Resource Economics and Community Development Programs: New Hampshire	
Edmund F. Jansen	25
Woman Graduates in Selected Agricultural Professions	
Mary Templeton	29
RESEARCH PRIORITIES	
Marketing Research Priorities	
Olan D. Forker	33
Rural Development Research Priorities	
Lee M. Day	35
Research Priorities and the New Agricultural Legislation: A Researcher's Perspective	
J. Dean Jansma	39
COMMERCIAL AGRICULTURE	
Labor Productivity of Apple Harvest Workers	
Dennis U. Fisher	43
The Need for More Financial Management — A Creditor's Viewpoint	
Wilbert C. Geiss, Jr.	47
Economic Comparison of Alternative Tillage Systems for Delaware Grain Farms	
Judy Ohannesian	53
A Comparison of Marketing Strategies for Potatoes in Upstate New York	
Ralph Young and William G. Tomek	57
LAND USE	
Conflicting Rights to Rural Resources: A Research Strategy for Improved Public Choice	
Lawrence Libby	63
Socioeconomic Impacts on Agricultural Land Use Changes in the Northeast	
Douglas E. Morris and Albert Luloff	67
Socio-Economic Determinants of Rural Land Values in Greenbrier County, West Virginia	
Dale Colyer	75
Hill, New Hampshire Relocated: The Socio-Economic Impact of Regional Flood Control on a Small Community	
Steven Adler and Edmund F. Jansen, Jr.	79

RURAL RENAISSANCE AND AGRICULTURAL COLLEGES

The “Ag College” Curricula: Accommodation, Diverse Needs, Interested Goals
William H. Kelly 89

Small Scale Farmers — The People Left Behind?
Robert L. Christensen, George A. Ecker and William H. Wallace 93

The Effects of the Rural Renaissance Movement on the Traditional Programs
of the Life Sciences and Agriculture Colleges
Gerald W. Howe 97

FISHERIES AND AQUACULTURE

The Analysis of Surf Clam Production Using an Exhaustible Resource Model
Ivar Strand and Robert S. Cessine 99

Aquaculture’s Potential as a Fishery Management Tool
Peter H. Greenwood 105

An Econometric Analysis of Atlantic Sea Scallop Markets
David A. Storey and Cleve E. Willis 111

RURAL SOCIAL INSTITUTIONS

The Rural Labor Market and Some Manpower Problems: The State of Maine
Will Richard 119

Mobilizing Research and Extension for Cooperation in Rural Development
Samuel M. Leadley 123

University Input Into Government Policy Decisions; Ivory Tower at the State House
Robert L. Christensen and Cleve E. Willis 127

MINUTES OF THE ANNUAL BUSINESS MEETING

1978 NAEC DISTINGUISHED MEMBER AWARD

NAEC AWARDEES