

Northeastern Journal of Agricultural and Resource Economics

The Location Decision of Hardwood Manufacturing in the Northern and Central Appalachian States / *Smith, Bodenman, and Jones*

Consumer Perceptions and Attitudes towards Bovine Somatotropin / *Kaiser, Scherer, and Barbano*

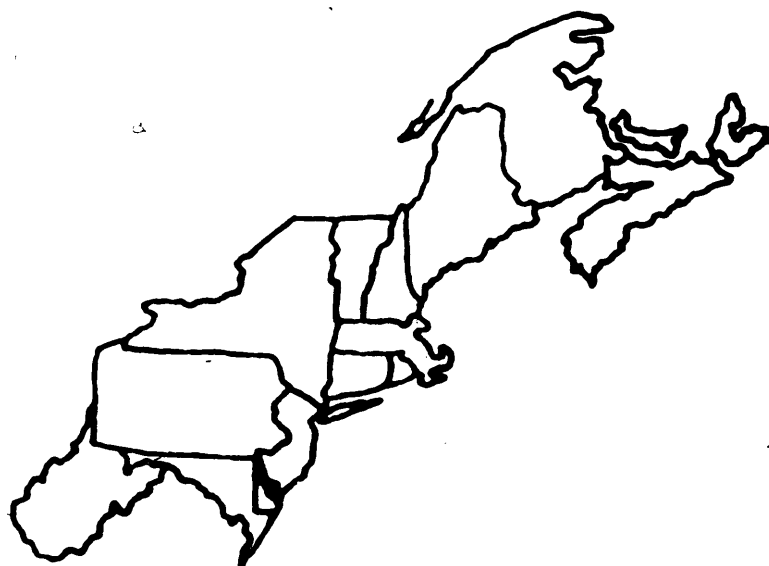
Productivity Growth and Input Mix Changes in Food Processing / *Adelaja*

Field Trials as an Extension Technique: The Case of Swaziland / *Abler, Rauniyar, and Goode*

Short- and Long-Run Demand and Substitution of Agricultural Inputs / *Fernandez-Comejo*

Agricultural Adaptation to Urbanization: Farm Types in Northeast Metropolitan Areas / *Heimlich and Barnard*

The Global Competitiveness of the U.S. Food-Processing Industry / *Reed and Marchant*



Volume 21
April 1992

NORTHEASTERN JOURNAL OF AGRICULTURAL AND RESOURCE ECONOMICS

VOLUME 21, NUMBER 1, APRIL 1992

Loren W. Tauer, Editor

EDITORIAL BOARD

Boris Bravo-Ureta, Connecticut (1992)
Michele Marra, Maine (1992)
Spiro Stefanou, Pennsylvania (1992)
Julie Caswell, Massachusetts (1993)
Stephen Crutchfield, ERS, USDA (1993)

K. Gary Grant, Nova Scotia (1993)
John Halstead, New Hampshire (1994)
Ralph Heimlich, EPA (1994)
Harry Kaiser, Cornell (1994)

ASSOCIATION OFFICERS

PRESIDENT
PRESIDENT-ELECT
SECRETARY-TREASURER

Olan D. Forker, Cornell
Wesley Musser, Pennsylvania
Steven E. Hastings, Delaware

EXECUTIVE COMMITTEE

Geoffrey Allen, Massachusetts
Lorna Aldrich, USDA
Bradley Cilley, C.R. Bard, Inc.
Jill Findeis, Pennsylvania
Olan Forker, Cornell
John Halstead, New Hampshire
Steven Hastings, Delaware

John Mackenzie, Delaware
Michele Marra, Maine
Wesley Musser, Pennsylvania
Christine Ranney, Cornell
Loren Tauer, Cornell
Cleve Willis, Massachusetts

The Northeastern Journal of Agricultural and Resource Economics (ISSN 0899-367X) is the official publication of the Northeastern Agricultural and Resource Economics Association (NAREA). 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 in April and October. In addition to normal refereed articles, it also publishes invited papers presented at the annual meetings of the NAREA as well as abstracts of selected papers presented at those meetings. It periodically calls for articles written on a specific topic. Membership in the NAREA is open to all persons having an interest in agricultural and resource economics. Membership dues include subscription to the *Journal* and are \$15.00 per year regular and \$5.00 per year student. All other subscriptions are \$15.00 per year. Single copy prices are \$7.50 per issue.

Address all new manuscripts and editorial material to:

Conrado M. Gempesaw II
212 Townsend Hall
University of Delaware
Newark, DE 19717

Address requests for membership, subscriptions, and changes of address to:

Steven E. Hastings
Dept. of Food and Resource Economics
University of Delaware
Newark, DE 19717

Contents

Articles

The Location Decision of Hardwood Manufacturing in the Northern and Central Appalachian States / <i>Stephen M. Smith, John E. Bodenman, and Stephen B. Jones</i>	1
Consumer Perceptions and Attitudes towards Bovine Somatotropin / <i>Harry M. Kaiser, Clifford W. Scherer, and David M. Barbano</i>	10
Productivity Growth and Input Mix Changes in Food Processing / <i>Adesoji O. Adelaja</i>	21
Field Trials as an Extension Technique: The Case of Swaziland / <i>David G. Abler, Ganesh P. Rauniyar, and Frank M. Goode</i>	30
Short- and Long-Run Demand and Substitution of Agricultural Inputs / <i>Jorge Fernandez-Cornejo</i>	36

The Changing Composition of the Agricultural Industry

Agricultural Adaptation to Urbanization: Farm Types in Northeast Metropolitan Areas / <i>Ralph E. Heimlich and Charles H. Barnard</i>	50
The Global Competitiveness of the U.S. Food-Processing Industry / <i>Michael R. Reed and Mary A. Marchant</i>	61