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**A
SURVEY OF
AGRICULTURAL
ECONOMICS
LITERATURE
VOLUME 3**

*Economics of Welfare,
Rural Development,
and Natural Resources
in Agriculture,
1940s to 1970s*

*LEE R. MARTIN,
editor*

Published by the University of Minnesota Press, Minneapolis,
for the American Agricultural Economics Association

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Published by the University of Minnesota Press,
2037 University Avenue Southeast,
Minneapolis, Minnesota 55414

Library of Congress Cataloging in Publication Data
Main entry under title:

A Survey of agricultural economics literature.

Includes bibliographies.

CONTENTS: v. 1. Traditional fields of agricultural economics, 1940s to 1970s.—v. 2. Quantitative methods in agricultural economics, 1940s to 1970s.—v. 3. Economics of welfare, rural development, and natural resources in agriculture, 1940s to 1970s.

1. Agriculture—Economic aspects—Research.
I. Martin, Lee R. II. American Agricultural Economics Association.

HD1410.5.S88 1977 338.1 76-27968
ISBN 0-8166-0801-6 (v. 1)

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Foreword

In March 1968 C. E. Bishop, president of the American Agricultural Economics Association, appointed a committee to investigate the need for a major survey of the agricultural economics literature published from the 1940s to the 1970s. The committee found that an extensive assessment of this body of literature would indeed be of value to research workers, teachers, extension workers, and graduate students in agricultural economics; teachers, research workers, and graduate students in economics and economic statistics, sociology, geography, political science, and anthropology; and teachers, research workers, extension workers, and graduate students in technical agriculture. In the end the committee was assigned the responsibility for planning the project and commissioning authors to prepare the papers.

The members of the committee were Glenn L. Johnson (Michigan State University), M. M. Kelso (University of Arizona), James E. Martin (Virginia Polytechnic Institute), M. L. Upchurch (Economic Research Service of the United States Department of Agriculture), and Lee R. Martin, chairman (University of Minnesota). Early in 1969 James E. Martin resigned from the committee, and several new members—John P. Doll (University of Missouri), Peter G. Helmberger (University of Wisconsin), J. Patrick Madden (Pennsylvania State University), and Edward W. Tyrchniewicz (University of Manitoba)—were appointed.

As its first step, the committee tentatively identified the fields to be covered and commissioned highly regarded members of the profession to

draw up outlines of the coverage to be undertaken in the different fields. These outlines were used in the selection of economists and sociologists to prepare the surveys and in negotiating agreements with prospective authors. Once the surveys were prepared, the committee again obtained assistance from highly competent members of the profession to make critical, constructive evaluations of each survey draft. In the case of the preparation of outlines and the review of papers, the committee sought to strike a representative balance among differing viewpoints in each field. For the preparation of the papers themselves, the committee obtained the services of outstanding rural social scientists with special competence in the respective fields.

In connection with the surveys published in this volume, substantial assistance was provided by the following individuals:

PART I. The Economics of Rural Poverty. *Preparation of outline:* J. Patrick Madden, W. Lee Bawden, and W. Keith Bryant. *Review of paper:* Vernon M. Briggs, Jr., George L. Brinkman, Varden Fuller, J. Patrick Madden, Theodore W. Schultz, and Luther G. Tweeten.

PART II. Rural People, Communities, and Regions: Introduction. *Review:* Lee R. Martin. **The Bases for Regional Growth: A Review.** *Preparation of outline:* Wilbur R. Maki, George S. Tolley. *Review of paper:* B. R. Eddleman, Karl A. Fox, and Hugh C. Nourse. **Rural Development: A Review of Conceptual and Empirical Studies.** *Preparation of outline:* Wilbur R. Maki, J. Dean Jansma. *Review of paper:* Alan R. Bird, Irving J. Hoch, James A. MacMillan, and Wilbur R. Maki. **Rural to Urban Migration: Population Distribution Patterns.** *Review of paper:* Calvin L. Beale, Michael J. Greenwood, and Hugh C. Nourse.

PART III. Natural Resource Economics, 1946-75. *Preparation of outline:* M. M. Kelso, J. Dean Jansma. *Review of paper:* W. Burl Back, Daniel W. Bromley, Robert H. Haveman, and John V. Krutilla.

PART IV. Organization and Performance of Agricultural Markets. *Preparation of outline:* Peter Helmberger and W. F. Mueller. *Review of paper:* Harold F. Breimyer, Richard A. King, Jesse W. Markham, Daniel I. Padberg, and Allen B. Paul.

This list includes only the official reviewers who acted on behalf of the association and the committee. Many other individuals who assisted the authors of the surveys in different ways are cited in the notes preceding most of the surveys. Authors were urged to incorporate into their surveys the comments and suggestions provided by the respective reviewers, but final decisions about the content of the surveys were left to the discretion of the authors.

The Committee on Publication of Postwar Literature Review arranged for publication of the four-volume set of literature surveys. Members of the

committee are Emerson M. Babb (chairman), J. P. Madden, Lee R. Martin, and John C. Redman. Neil Harl provided valuable assistance in the publication phase to both committees.

On behalf of the members of the association and the Postwar Literature Review Committee I wish to express sincere gratitude to the authors of the surveys in the volume and to the advisors, reviewers, and others who participated in the planning and implementation of this project.

Finally, I would like to direct readers' attention to current literature surveys of some closely related fields of agricultural economics—surveys that both complement and supplement the surveys in this volume and three companion volumes.

The following surveys have been published in an Australian journal, *Review of Marketing and Agricultural Economics*.

- G. Weinschenck, W. Henricksmeier, and F. Aldinger (1969). "The Theory of Spatial Equilibrium and Optimum Location in Agriculture: A Survey." 37(1):3-70.
- Ulf Renborg (1970). "Growth of the Agricultural Firm: Problems and Theories." 38(2):51-101.
- John L. Dillon (1971). "An Expository Review of Bernoullian Decision Theory in Agriculture: Is Utility Futility?" 39(1):3-80.
- Roger W. Gray and David J. S. Rutledge (1971). "The Economics of Commodity Futures Markets: A Survey." 39(4):57-108.
- Harold F. Breimyer (1973). "The Economics of Agricultural Marketing: A Survey." 41(4):115-165.
- Jock R. Anderson (1974). "Simulation: Methodology and Application in Agricultural Economics." 42(1):3-55.
- R. A. Richardson (1976). "Structural Estimates of Domestic Demand for Agricultural Products in Australia: A Review." 44(3):71-100.

Another important set of literature surveys in agricultural economics is being published in the British *Journal of Agricultural Economics*. To date the following survey articles have been published:

- G. H. Peters (1970). "Land Use Studies in Britain: A Review of the Literature with Special Reference to Applications of Cost-Benefit Analysis." 21:171-214.
- D. S. Thornton (1973). "Agriculture in Economic Development." 24:225-287.
- T. E. Josling (1974). "Agricultural Policies in Developed Countries: A Review." 25:229-264.
- C. S. Barnard (1975). "Data in Agriculture: A Review with Special Reference to Farm Management Research, Policy, and Advice in Britain." 26:289-333.

D. I. Bateman (1976): "Agricultural Marketing: A Review of the Literature of Marketing Theory and Selected Applications." 27:171-225.

Two literature surveys in natural resource economics have been published. These are:

Anthony C. Fisher and Frederick M. Peterson (1976). "The Environment in Economics: A Survey." *J. Econ. Literature* 14:1-33.

Frederick M. Peterson and Anthony C. Fisher (1977). "The Exploitation of Extractive Resources: A Survey." *Econ. J.* 87:681-721.

Also worthy of note is Marguerite C. Burk's 1967 "Survey of Interpretations of Consumer Behavior by Social Scientists in the Postwar Period." *Journal of Farm Economics* 49:1-31.

Lee R. Martin
Survey Editor

October 1980