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ECONOMICS OF AGRICULTURE

REPORTS AND PUBLICATIONS ISSUED OR SPONSORED BY

USDA'S ECONOMIC RESEARCH SERVICE

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PREFACE

This list of research publications produced or sponsored by the Economic Research Service, U.S. Department of Agriculture, is designed as a source of reference for the published materials of the Service during the period 1961 through 1965. It includes citations for four of the five ERS domestic research divisions (formerly available as ERS-350); and for the two ERS foreign research divisions (formerly available as ERS-Foreign 167). A few foreign research reports present results of research performed by the Foreign Agricultural Service prior to organization of ERS in April 1961, and published by ERS. The Marketing Economics Division publications are not included but are available as ERS-205, with supplements, ERS-343 and ERS-368.

The list is intended to include citations for all published material of more than temporary interest regardless of the form in which published or the current availability. Publications cited consist principally of those issued as parts of Department and Economic Research Service series, periodic reports, and articles in periodicals of the Department and State Experiment Station bulletins, which report results of State-Federal cooperative studies in agricultural economics. Articles in technical and professional journals, both within and outside the Department, are cited as well as proceedings of symposia and conferences which report important ERS research results. For the Foreign Development and Trade Division a large number of analyses, statistical summaries and author name articles in the periodical, "Foreign Agricultural Trade of the U.S.," are indexed by the month of the publication. Publications are grouped by subject-matter areas and by ERS divisions responsible for research in such areas.

Papers, speeches, articles in nontechnical journals and other news media and informational or extension items generally have been excluded as not being of continuing importance. A few such reports were included if, at the time of release, they presented significant initial research results or findings not available elsewhere.

Citation of publications provides no indication that copies are available. Generally, reference copies can be found in libraries. Publications from State Experiment Stations can usually be obtained from issuing stations. Some items produced by nonpublic agencies are available from the publishers. Many publications can be obtained from the Division of Information, Economic Research Service, U.S. Department of Agriculture, Washington, D.C. 20250. Photoreproductions (photoprint or microfilm) of material in its collection may be purchased from: Photocopy Section, National Agricultural Library, U. S. Department of Agriculture, Beltsville, Md. 20705.

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Compiled by
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Economic Research Service

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Abbreviations used in V and VI

AB	Agricultural Information Bulletin
AER	Agricultural Economic Report
AH	Agricultural Handbook
ARS	Agricultural Research Service
B	Bulletin
CAED	Center for Agricultural Economic Development
C	Circular
ERS	Economic Research Service
ERS For.	Economic Research Service Foreign
FAER	Foreign Agricultural Economic Report
For.	Foreign
Intl.	International
J	Journal
M	Miscellaneous Publication
Mtg.	Meeting
Mimeo.	Mimeograph
OECD	Organization for Economic Development
Sta.	Station
S. B.	Statistical Bulletin
Sup.	Supplement
T	Technical Bulletin
Unnumb.	Unnumbered
U	University
YB	Yearbook

I ECONOMIC AND STATISTICAL ANALYSIS DIVISION

A. COMMODITY SITUATION AND OUTLOOK ANALYSIS

1. Livestock and Meat

- ECONOMIC RESEARCH SERVICE. Livestock and Meat Statistics. SB 333. Published annually through 1965.
- ECONOMIC RESEARCH SERVICE. Livestock and Meat Situation (LMS). Published 6 times a year.
- GERRITY, Martin V. 1963. Common Market Regulations and U. S. Livestock and Meat Product Exports. LMS-132.
- GREEN, Charles H., TURNER, Michael, OLSON, Fred. 1964. Futures Trading in Beef Cattle. In Dec. Western Livestock Round-up. (Reprint in LMS-141).
- HACKLANDER, Duane, and GAARDER, Raymond O. 1963. Selected Data on the Size of Hog Operations on Farms in the United States. LMS-128.
- HANNAWALD, E. B. 1964. Relation of Hog Slaughter to Pig Crops. LMS-138.
- MILLER, Earl E. 1962. Seasonality in Slaughter Hog Weights. LMS-113.
- NOTES, William C. 1963. Adjustments in Retail Prices of Beef to Supply Changes. LMS-131.
- REIRSON, Robert. Western Livestock Round-up. Published 12 times a year by Cooperative Extension Services of various Western States. ERS, FES, and State Extension Services cooperating.
- ROCKWELL, George R., Jr. 1964. U. S. Foreign Trade in Livestock and Livestock Products. LMS-137.
- SEABORG, Donald 1962. Seasonal Price Variations for Choice Slaughter Steers. LMS-123.
- THOMPSON, John W. 1962. Economic Evaluation of Hide Curing Methods. LMS-126.
- THOMPSON, John W. 1964. Hide and Leather Situation Brighter in 1964. LMS-138.
- THOMPSON, John W. 1964. Recent Changes in Hide Marketings. LMS-138.

2. Fats and Oils

- ECONOMIC RESEARCH SERVICE. Fats and Oils Situation (FOS). Published 5 times a year.
- CAMPBELL, Proctor. 1965. U. S. Soybean Oil Export Markets. FOS-229.
- CORKERN, Ray S. 1963. The U. S. Market for Rapeseed and Rapeseed Oil. FOS-219.
- DOTY, Harry S. 1965. Cooked Soybeans for Feed. FOS-227.
- GAZELLE, S. A. 1962. The U. S. Stockpile of Oils Gradually Reducing. FOS-212.
- GAZELLE, S. A. 1963. Strategic Oils Stockpile Review FOS-217.
- GAZELLE, S. A. 1964. Recent Trends in U. S. Production, Use, and Price of Marine Oils. FOS-223.
- KROMER, G. W. 1962. Use of Corn Oil in Margarine Expanding Rapidly. FOS-211. (Reprint ERS-52).
- KROMER, G. W. 1962. Soap Continues to Decline as an Outlet for Fats and Oils. FOS-213. Reprint as ERS-78.
- KROMER, G. W. 1962. Safflower Expanding Rapidly as Oilseed Crop. ERS-91.
- KROMER, G. W. 1963. Tung Oil Supplies Scarcest Since World War II. ERS-108.
- KROMER, G. W. 1963. U. S. Castorbean and Oil Production Increases Again. ERS-114.
- KROMER, G. W. 1964. Tall Oil Production to Reach Billion Pound Mark in 1964. FOS-221.
- KROMER, G. W. 1964. Coconut Oil Imports and Consumption Increasing in the United States. FOS-222.
- KROMER, G. W. 1964. Salad Dressing Products: Demand Expands Steadily in Postwar Era. FOS-224.
- KROMER, G. W. 1964. U. S. Soybean Processing Capacity Continues to Expand. FOS-230.
- KROMER, G. W. 1965. Recent Trends in U. S. Production and Consumption of Edible Meat Fats. FOS-226.

3. Dairy

- ECONOMIC RESEARCH SERVICE. Dairy Situation (DS). Published 5 times a year.
- ECONOMIC RESEARCH SERVICE. Dairy Statistics. SB 303. Published annually.
- ECONOMIC RESEARCH SERVICE. 1963. Sales of Fluid Milk Products. DS-296.
- ECONOMIC RESEARCH SERVICE. 1963. Patterns in Milk Utilization. DS-297.
- CUMMINS, David. 1963. Implications of Cost and Price Relationships on Typical Dairy Farms. DS-297.
- MATHIS, A. G. 1962. Disposition of Dairy Products Under P.L. 480. DS-290.
- MATHIS, A. G. 1962. Continued Story: Milk Sales Up, Cream Sales Down. DS-290.
- MATHIS, A. G. and MILLER, Robert H. 1963. Five Years Ahead. The Dairy Situation in 1968. DS-298.
- MATHIS, A. G. 1964. What became of the World Dairy Surplus? October. Foreign Agriculture.
- MATHIS, A. G., McINTIRE, G. B., and TOOMEY, J. 1965. Governments' Role in Pricing Fluid Milk in the United States. DS-306. (Reprint as ERS-239).
- McCABE, Terrance W. and MILLER, Robert H. 1965. World Casein Trade Continues to Expand. DS-304.
- MILLER, Robert H. 1963. Utilization of Dairy Surpluses. DS-294.
- MILLER, Robert H. 1963. Payments Over Minimum Prices in Federal Order Markets. DS-295.
- MILLER, Robert H. 1964. Developments in Canadian Dairying, 1962-63. DS-299.
- MILLER, Robert H. 1964. Domestic Food Distribution Programs. DS-301.
- MILLER, Robert H. 1965. Dairy Farm Income by Value of Sales Class. DS-307.

4. Poultry and Eggs

- ECONOMIC RESEARCH SERVICE. Poultry and Egg Situation. (PES) Published 5 times a year.
- ECONOMIC RESEARCH SERVICE. Selected Statistical Series for Poultry and Eggs Through 1964. 1965. ERS-232.
- BLUESTONE, Herman. 1962. Regional Changes in Egg Production. PES-217.
- BLUESTONE, Herman. 1962. U. S. Poultry Exports and the Common Market. PES-218.
- BLUESTONE, Herman. 1962. Some Recent Trends in the Turkey Industry. PES-219.
- BLUESTONE, Herman. 1962. Production Response in Broilers and Turkeys. PES-222.
- BLUESTONE, Herman. 1963. The Cycles in Broilers. PES-226.
- BLUESTONE, Herman. 1963. Projections to 1968 for the Poultry Industry. PES-228.
- BLUESTONE, Herman. 1964. The Role of Industry Statistics. In Feb. Poultry Processing and Marketing, a Watt Pub.
- BLUESTONE, Herman. 1965. Downtrend in Hatchery Capacity and Numbers Continues. PES-236.
- PADDOCK, W. C. 1962. Recent Trends in Egg Consumption. PES-218.
- STODDARD, E.O. 1964. Costs and Returns on Georgia Broiler Farms. 1962. PES-229.

5. Food Grains

- ECONOMIC RESEARCH SERVICE. Wheat Situation, (WS), published 4 times a year.
- ECONOMIC RESEARCH SERVICE. Analysis of Grain Export Programs. 1962. Rpt. Tech. Comm. on Grain Exports. MP 905.
- ECONOMIC RESEARCH SERVICE. Rice Situation. (RS) Published annually.
- ASKEW, W. R. 1962. Changes in Consumption of Cereal Breakfast Foods. National Food Situation. NFS-99.
- ASKEW, W. R. 1962. Postwar Changes in Consumption of Cereal Grains and Products. NFS-100.
- ASKEW, W. R. 1962. An Analysis of Protein Premiums. WS-177.
- ASKEW, W. R. 1963. An Analysis of Protein Premiums. WS-183.
- ASKEW, W. R. 1964. The Eastern Soft Wheat Situation. WS-187.
- GOMME, F. R. 1965. Trends in U. S. Wheat Production by Classes, WS-193.

6. Feed

- ECONOMIC RESEARCH SERVICE. Feed Situation. (FdS). Published 5 times a year.
- ECONOMIC RESEARCH SERVICE. Grain and Feed Statistics. SB-159. Published annually.
- ECONOMIC RESEARCH SERVICE. Commercial Feed Sales Continue Upward Trend. FdS-202.
- CLOUGH, Malcolm. 1962. Results of the 1961 Feed Grain Program. FdS-192.
- CLOUGH, Malcolm. 1962. Movement of Feed Grains. FdS-194.
- CLOUGH, Malcolm. 1964. Recent Trends in Feed Consumption and Livestock-feed Relationships. FdS-206.
- CLOUGH, Malcolm. 1965. Seasonal Variation in the Production of Commercially Prepared Formula Feed. FdS-207.
- ROSS, J. S. 1963. Fish Meal Supply and Price Trends. FdS-197.
- ROSS, J. S. 1963. Recent Trends and Seasonality in Alfalfa Meal Production, Use and Prices. FdS-200.
- ROSS, J. S. 1964. Urea Expands as a Source of Protein Feed in Recent Years. FdS-205.

7. Fruits and Tree Nuts

- ECONOMIC RESEARCH SERVICE. Fruit Situation (TFS). Published quarterly.
- DePASS, R. E. and BROOKS, T. M. 1962. Fruit Consumption Under the Food Stamp Program. TFS-145.
- FITZSIMMONDS, R. S. 1962. U. S. Foreign Trade in Fruit. TFS-145.
- PARK, E. L. 1965. Recent Trends in Apple Tree Numbers. TFS-154.
- PUBOLS, B. H. 1961. A Half Century of Fruit Consumption. TFS-139.
- PUBOLS, B. H. 1961. A Quarter Century of Peaches. TFS-139.
- PUBOLS, B. H. 1962. Trends in Cherry Production and Use. TFS-143.
- PUBOLS, B. H. 1962. Hawaiian Fruits and Tree Nuts. TFS-143.
- PUBOLS, B. H. 1962. Postwar Trends in Citrus Consumption. National Food Situation, NFS-102.
- PUBOLS, B. H. 1963. New Citrus Fruit Indexes. TFS-146.
- PUBOLS, B. H. 1963. Trends in Pear Production and Use. TFS-147.
- PUBOLS, B. H. 1963. New Indexes for Noncitrus Fruits. TFS-147.
- PUBOLS, B. H. 1963. New Indexes for Tree Nuts. TFS-148.
- PUBOLS, B. H. 1964. Processed Noncitrus Fruit. TFS-151.
- PUBOLS, B. H. 1964. Apple Trends and Prospects. TFS-152.
- PUBOLS, B. H. 1964. Processed Citrus Fruit. TFS-153.
- PUBOLS, B. H. 1965. Geographic Distribution of Fruit and Nut Production. TFS-154.
- PUBOLS, B. H. 1965. Trends in the Plum and Prune Industry. TFS-155.

8. Vegetables and Potatoes

- ECONOMIC RESEARCH SERVICE. Vegetable Situation (TVS). Published quarterly.
- DePASS, R. E. 1963. Influence of the Food Stamp Program on Vegetable Consumption. TVS-147.
- KURYLOSKI, Donald S. 1963. Vegetable Consumption Trends and Prospects. TVS-150.

- KURYLOSKI, D. S. 1965. Fruit and Vegetable Production and Marketing in the United States. ERS Unnumb.
- SIMMONS, W. M. 1962. An Economic Study of the U. S. Potato Industry. AER 6.
- SIMMONS, W. M. 1962. Potato Price and Income Problems. TVS-144.
- SIMMONS, W. M. 1962. Trends in the Geographic Pattern of Production of Sweetpotatoes. TVS-145.
- SIMMONS, W. M. 1962. Smaller Retail Sizes in Canned Vegetables Gain in Postwar Period. TVS-146.
- SIMMONS, W. M. 1963. Trends in Dry Bean Consumption and Production. TVS-148.

9. Cotton

- ECONOMIC RESEARCH SERVICE. Cotton Situation. (CS). Published bimonthly.
- ECONOMIC RESEARCH SERVICE. Statistics on Cotton and Related Data. SB 329 Published Annually.
- CATHCART, W. E. 1962. The European Economic Community and U. S. Cotton Exports. CS-202.
- DONALD, J. R. and WITTMANN, C. H. 1963. Postwar Changes in U.S. Cotton Production. CS-206.
- HALL, R. 1965. The Changing Market for Cotton. CS-217.
- LOWENSTEIN, F. and DONALD, J. R. 1962. U. S. Foreign Trade in Textiles and Domestic Fiber Consumption in Cotton Equivalent Pounds. CS-203.
- WITTMANN, C. H. 1962. U. S. Monthly Trade in Textile Manufactures. CS-199.

10. Wool

- ECONOMIC RESEARCH SERVICE. Wool Situation. (TWS). Published quarterly.
- ECONOMIC RESEARCH SERVICE. Wool Statistics and Related Data Through 1961. 1962 Sup. SB 250.
- ECONOMIC RESEARCH SERVICE. Wool Statistics and Related Data Through 1962. 1963. Sup. SB 250.
- ECONOMIC RESEARCH SERVICE. 1965. Wool Statistics and Related Data 1920-1964. SB 363.
- RAYMOND, C. E. 1962. U. S. Shorn Wool Production. TWS-61.
- RAYMOND, C. E. 1962. Imports of Dutiable Raw Wool. TWS-61.
- RAYMOND, C. E. 1963. Changes in the Carpet Wool Industry, 1952-62. TWS-64.
- RAYMOND, C. E. 1964. World Prospects for Expanding Sheep Production. TWS-69.

11. Tobacco

- ECONOMIC RESEARCH SERVICE. Tobacco Situation. (TS). Published quarterly.
- ECONOMIC RESEARCH SERVICE AND OTHERS. 1963 USDA Tobacco Quality Problems. Prepared by an interagency committee, of which Arthur G. Conover was a member. Unnumb.
- CONOVER, A. G. 1962. Long-term Competitive Position of Tobacco. Presented at Seminar for Southern Agr. Leaders. Pub. by Agr. Policy Inst., N.C. State Col.

B. SUPPLY, DEMAND, AND PRICE OF AGRICULTURAL COMMODITIES

1. Livestock and Meat

- BREIMYER, Harold F. 1961. Demand and Prices for Meat--Factors Influencing their Historical Development. T. 1253.
- HARLOW, Arthur A. 1960. The Hog Cycle and the Cobweb Theorem. J. Farm Econ., 42(4): 842-853.
- HARLOW, Arthur A. 1962. A Recursive Model of the Hog Industry. Agr. Econ. Res. 14(1).
- HARLOW, Arthur A. 1962. Factors Affecting the Price and Supply of Hogs. T. 1274.
- ROJKO, A. S. 1963. The Import Situation for Beef and Veal LMS-134.
- STANTON, B. F. 1961. Seasonal Demand for Beef, Pork, and Broilers. Agr. Econ. Res. 13(1).
- WALTERS, Forrest E. 1964. The Inventory Cycle and Slaughter Weights of Steers. LMS-137.

- WALTERS, Forrest E. and NIELSEN, Howard. 1964. The Beef Cattle Inventory and Cattle Prices. LMS-140.
- WALTERS, Forrest E. 1965. Predicting the Beef Cattle Inventory. Agr. Econ. Res. 17 (1).

2. Feed

- ASKEW, William R. 1961. Seasonal Variation in Prices of Byproduct Feeds. FdS-185.
- HEE, Olman. 1962. Analysis of Selected Factors Affecting the Quantity of Corn and Total Feed Grains Consumed by Livestock. FdS-195.
- ROSS, J. S. 1965. Seasonal Variation in Feed Grain Prices. FdS-209.
- ROSS, J. S. 1965. Seasonal Variation in Prices of Byproduct Feeds. FdS-210.

3. Fruits and Tree Nuts

- BURNS, Alfred J., ROCKWELL, George R., Jr., and THIGPEN, Elton. 1963. Apple Marketing--A Review of Economic Research, 1945-60. ERS-140.

4. Vegetables and Potatoes

- HEE, Olman. 1961. Storage Demand for a Perishable: Potatoes. J. Farm Econ., 43(5): 1410-1411.
- HEE, Olman. 1964. A Seasonal Potato Market: Area of Competitive Behavior. Presented at Aug. Amer. Farm Econ. Assoc. Ann. Mtg. Lafayette, Ind.

5. Cotton and Other Fibers

- DONALD, James R., LOWENSTEIN, Frank, and SIMON, Martin S. 1963. The Demand for Textile Fibers in the United States. T. 1301.
- DONALD, James R., and BARLOWE, Russell G. 1964. Production of Fabric Blends in the United States. CS-211.
- LOWENSTEIN, Frank and DONALD, James R. 1961. Domestic Fiber Consumption in Cotton Equivalent Pounds. CS-193.
- LOWENSTEIN, Frank and WITTMANN, Charles H. 1961. United States Foreign Trade in Textiles. CS-196.
- LOWENSTEIN, Frank and WITTMANN, Charles H. 1961. Foreign Trade in Manmade Fiber Manufactures. CS-192.
- LOWENSTEIN, Frank and WITTMANN, Charles H. 1961. Fibers Used in Textile Manufactures Entering United States Foreign Trade. MRR 491.
- WITTMANN, Charles H. and DONALD, James R. 1964. Seasonal Adjustments, Cyclical Movements, and Trends in Consumption of Cotton and Manmade Staple Fibers. CS-215.

6. Tobacco

- ECONOMIC RESEARCH SERVICE AND OTHERS. Report of a Study Group of the U. S. Department of Agriculture. 1961. Special Study on Cigar Tobacco. ERS 40.
- CONOVER, Arthur G. 1962. Tobacco Used for Cigarettes. TS-101.
- CONOVER, Arthur G. 1965. The Domestic Consumption of Tobacco Products and the Smoking-Health Issue. Presented at the July Twentieth Tobacco Workers Conference. U. of Kentucky, Lexington, Kentucky.
- SACKRIN, S. M. 1960. Seasonality in Production and Taxable Removals of Manufactured Tobacco Products. TS-94.
- SACKRIN, S. M. 1962. Factors Affecting the Demand for Cigarettes. Agr. Econ. Res. 14(3).

7. Improvement of Statistical Techniques

- ABEL, Martin E. 1962. Harmonic Analysis of Seasonal Variation with an Application to Hog Production. J. Amer. Stat. Assn. 57(299): 655-667.
- ABEL, Martin E., and WEINGARTEN, Ilyman. 1963. A Model for Selecting Minimum Cost Combinations of Automatic Data Processing Equipment. Agr. Econ. Res. 16(4).

- NERLOVE, Marc and WAUGH, Frederick V. 1961. Advertising Without Supply Control: Some Implications of a Study of the Advertising of Oranges. J. Farm Econ. 43(4): 813-837.
- REUTLINGER, Shlomo. 1963. Alternative Uncertainty Models for Predicting Supply Response. Presented at Aug. Ann. Mtg. Amer. Farm Econ. Assn., Minneapolis, Minn.
- REUTLINGER, Shlomo, and WALLACE, T. D. 1963. A Minimax Supply Function. Presented at Mar. Southern Farm Mgt. Res. Conf. Methodology Workshop, New Orleans, La.
- ROJKO, Anthony S. 1961. Time Series Analysis in Measurement of Demand. Agr. Econ. Res. 13(2).
- WAUGH, Frederick V. 1961. The Place of Least Squares in Econometrics. Econometrica 29(3).

C. FARM INCOME

1. Current Estimates of Farm Income and Expenditures

- ECONOMIC RESEARCH SERVICE. Farm Income Situation (FIS). Published 4 times a year with Aug. Sup. Farm Income State Estimates.
- NORCROSS, Harry C. 1961. Retail Value and Farm Income by Commodity Groups. Agr. Econ. Res. 13(1).
- PADDOCK, W.C., and DALLAVALLE, O.F. 1964. Production Expense Patterns. FIS-194.

2. Research and Methods Relating to Farm Income

- ECONOMIC RESEARCH SERVICE. Income of Farm Operator Families by Value of Sales Classes. 1964 and 1965, FIS-199, and FIS-196.
- ECONOMIC RESEARCH SERVICE. Wheat and the National Economy. 1960. Study for Senator Frank Carlson, included in the Congressional Record. Aug. 29.
- DEPT. OF AGR. ECON. Intended and Actual Tractor Purchases by Farmers in Michigan, 1959, Nov. 1961. Q. B. Mich. Agr. Expt. Sta.
- MASUCCI, Robert H. 1963. Income Parity Standards for Agriculture. Agr. Econ. Res. 14(4).
- PUTERBAUGH, Horace L. 1961. Purchasing Power of Urban, Rural Nonfarm, and Rural Farm Income, 1955. Agr. Econ. Res. 13(3).
- RANDALL, C. Kyle and MASUCCI, Robert H. 1963. Farm-Nonfarm Income Comparisons. J. Farm Econ. 45(2).

3. Analysis of the Impact of Alternative Farm Programs on Agriculture and the General Economy

- RANDALL, C. Kyle and ROYKO, Anthony S. 1961. Methods, Assumptions and Results of the Price and Income Projections. 43(2): 348-356.

D. ECONOMIC OUTLOOK, CONSUMPTION AND LONG-RUN PROJECTIONS

1. Demand Analysis and Agricultural Outlook

- ECONOMIC RESEARCH SERVICE. Demand and Price Situation (DPS). Published Quarterly.
- EDWARDS, Clark. 1963. Using Discrete Programming. Agr. Econ. Res. 15(2).
- EDWARDS, Clark. 1964. A Simple Growth Model. ERS Unnumb.
- EDWARDS, Clark. 1964. Demand for Grains and Meat, with Reference to Future Production Patterns in the Plains. July Great Plains Agr. Council. Santa Fe, New Mex.
- EDWARDS, Clark. 1964. Income and Output Relationships in 1964-65. ERS Unnumb.
- EDWARDS, Clark. 1965. But What About the Side Effects...? ERS Unnumb.
- EDWARDS, Clark. 1965. Using Budgeting and Programming in Land Economics Research. ERS Unnumb.

2. Long-run Agricultural Projections

- AHALT, J. D. and EGBERT, A. C. 1964. The Demand for Feed Concentrates: A Statistical Analysis. Agr. Econ. Res. 17(2).
- DALY, R. F. 1963. Long-run Economic Projections: A Review and Appraisal. Agr. Econ. Res. Vol. 15(4).

- DALY, R. F. 1964. Agriculture in the Years Ahead. Feb. Proc. Assn. So. Agr. Workers, Inc. Atlanta, Ga.
- DALY, Rex F. 1965. Livestock-Feed Sector, July Western Livestock Outlook Conf., Brighton, Utah.
- EGBERT, A. C. 1963. A Single Matrix Method for Several Problems. Agr. Econ. Res. 15(3).
- EGBERT, A.C. and REUTLINGER, S. 1964. An Integrated Framework for the Livestock-Feed Economy. Feb. Proc., Assn. So. Agr. Workers, Inc., Dallas, Texas.
- EGBERT, A. C. 1964. Projections of Food Consumption to 1968. NFS-107.
- EGBERT, A. C. 1964. Income and Cost Comparisons Under Current Programs and Modified Free Markets. Prepared for Walter Wilcox, Legislative Reference Service, at the Request of Director Agr. Econ.
- EGBERT, A. C. and HEADY, Earl O. 1964. Efficient Regional Allocation of Farm Products and Programmed Supply Prices. Agr. Econ. Res. 16(1).
- TOWNE, M. W., and RASMUSSEN, W.D. 1960. Farm Gross Product and Gross Investment in the Nineteenth Century. Trends in the American Economy in the Nineteenth Century, Studies in Income and Wealth, 24.
- WISER, V., 1962. Maryland in the Early Land-Grant College Movement. Agr. Hist., Oct. 36 (4).

2. History of USDA Programs and Organization

- BAKER, G. L., and HARDIN, C. M., 1960. Agricultural Policy, Politics, and the Public Interest, Suggestions for Additional Readings. Ann. Amer. Acad. of Pol. and Soc. Sci., 331.
- BAKER, G. L., 1962. Comments on Agricultural Fundamentalism. J. Farm Econ., 44 (5).
- RASMUSSEN, W.D., editor, 1961. Growth Through Agricultural Progress; Lecture Series in Honor of the United States Department of Agriculture Centennial Year.
- RASMUSSEN, W. D., and BAKER, G. L., 1962. The Department is Built. In YB.

3. Supplies and Utilization of Food and Other Agricultural Products

- ECONOMIC RESEARCH SERVICE. 1964. National Food Situation, (NFS) Published Quarterly.
- ECONOMIC RESEARCH SERVICE. Consumption of Food in the United States, AH-62 Issued Annually Through 1963. Superseded by SB 364.
- ECONOMIC RESEARCH SERVICE. World Food Situation. NFS-111.
- ECONOMIC RESEARCH SERVICE. U. S. Food Consumption, Sources of data and Trends, 1909-63. 1965. SB 364.
- BURK, Marguerite C. 1961. Measures and Procedures for Analysis of U. S. Food Consumption. AH 206.
- BURK, Marguerite C. 1961. Trends and Patterns in U. S. Food Consumption. AH 214.
- FRIEND, Berta and PHIPARD, Esther F. 1964. Nutritional Review, NFS-110.
- GRONBECK, Gertrude 1961. Consumption Trends and Patterns for Vegetables, Potatoes, Sweetpotatoes, Dry Beans and Peas. AH 215.
- HATHCOTE, D. E. 1964. Coffee Supplies and Prices. NFS-108.
- HIEMSTRA, Stephen J. 1963. Food, Family Econ. Rev., ARS 62.5
- HIEMSTRA, Stephen J. 1963. Profits as a Measure of Profitability. Aug. Amer. Farm Econ. Assn. Mtg., Minneapolis, Minn.
- HIEMSTRA, Stephen J. 1963. Seasonality in Retail Food Prices. NFS 106.
- HIEMSTRA, Stephen J. 1964. Consumer Price Index Revision. NFS 108.
- HIEMSTRA, Stephen J. 1964. The Importance of Imports as a Source of Civilian Food. NFS 108.
- HIEMSTRA, Stephen J. 1964. The World Food Problem. NFS 107.
- HIEMSTRA, Stephen J. and EKLUND, Helen. 1964. Per Capita Food Consumption Index Revision. NFS-110.
- HIEMSTRA, Stephen J. 1965. The Importance of Imports as a Source of Food. NFS-112.
- HIEMSTRA, Stephen J. 1965. Consumption and Prices of Cereal and Bakery Products. NFS-112.
- HIEMSTRA, Stephen J. 1965. Number and Sales of Food and Beverage Retailers. NFS-112.

AREA E. AGRICULTURAL HISTORY

1. Development of Agriculture in the United States

- ECONOMIC RESEARCH SERVICE 1965. A Chronology of American Agriculture, 1790-1965. A fold-out chart.
- BAKER, G. L., RASMUSSEN, W.D., WISER, V., and PORTER, J. M., 1963. Century of Service: The First 100 Years of the U. S. Department of Agriculture.
- RASMUSSEN, W.D., 1960. Food Technology. Technol. and Culture, 1(4)
- RASMUSSEN, W.D., 1962. The Impact of Technological Change in American Agriculture, 1862-1962. J. Econ. Hist., 22 (4)
- RASMUSSEN, W.D., 1963. Agricultural Tools and Machines, in Harper Encyclopedia of Sci. Vol. 1.
- RASMUSSEN, W.D. 1964. Valley to Valley, Country to Country, in YB.
- RASMUSSEN, Wayne D. 1965. The Civil War: A Catalyst of Agricultural Revolution. Agricultural History. 39 (4).
- SWANSON, J. A. 1964. Economic Growth and the Theory of Agricultural Revolution, in Ag. Econ. Res. 16 (2).

II ECONOMIC DEVELOPMENT DIVISION

A. HUMAN RESOURCES

1. Farm Population and Migration

- BUR. OF THE CENSUS, U.S. DEPT. COMMERCE AND AMS, USDA 1961. Effect of Definition Changes on Size and Composition of Rural-Farm Population. Farm Population. Ser. Census-AMS P-27, No. 28.
- BUR. OF THE CENSUS, U.S. DEPT. COMMERCE AND AMS, USDA 1961. Estimates of Rural-Farm Population of the United States, April 1960. Farm Population. Ser. Census-AMS P-27, No. 29.
- BUR. OF THE CENSUS, U.S. DEPT. COMMERCE AND ERS, USDA 1962. Estimates of Farm Population of the United States, April 1961. Farm Population. Ser. Census-ERS P-27, No. 31.
- BUR. OF THE CENSUS, U.S. DEPT. COMMERCE AND ERS, USDA 1963. Estimates of Farm Population of the United States, April 1962. Farm Population. Ser. Census-ERS P-27, No. 33.
- BUR. OF THE CENSUS, U.S. DEPT. COMMERCE AND ERS, USDA 1964. Estimates of the Farm Population of the United States, April 1963. Farm Population. Ser. Census-ERS P-27, No. 34.
- BUR. OF THE CENSUS, U.S. DEPT. COMMERCE AND ERS, USDA 1965. Estimates of Farm Population of the United States, 1964. Farm Population. Ser. Census-ERS P-27, No. 35.
- ECONOMIC RESEARCH SERVICE 1962. Farm Population... revised estimates for 1941-59. ERS-90.
- ECONOMIC RESEARCH SERVICE 1964. Farm Population estimates for 1963. ERS-177.
- ECONOMIC RESEARCH SERVICE 1964. A Summary of Selected Characteristics of Urban and Rural Populations, by State, 1960. ERS-174.
- ECONOMIC RESEARCH SERVICE 1965. Farm Population-Estimates for 1964. ERS-233.
- ANDREWS, Wade H. and SARDO, Joseph. 1964. Migration and Migrants From Sedgwick County, Colorado. T. 82.
- BANKS, Vera J., BEALE, Calvin L. and BOWLES, Gladys K. 1963. Farm Population estimates for 1910-62. ERS-130.
- BAUDER, Ward W. 1963. The Impact of Population Change on Rural Community Life: The Economic System. Iowa State U. Dept. Econ. Sociol. A and HEES Project Nos. 1225 and 1497.
- BAUDER, Ward W. 1962. The Impact of Population Change on Rural Community Life: The Economic System. Iowa State U. Coop. Ext. Serv. Soc. 9.
- BAUDER, Ward W. and KENKEL, William F. 1965. Effects of Migration on Open-Country Population of Iowa, 1950-61. Iowa Agr. Expt. Sta. Res. B. 536.
- BAUDER, Ward W. and BURCHINAL, Lee G. 1965. Farm Migrants to the City: A Comparison of Status, Achievement, Community and Family Relations of Farm Migrants with Urban Migrants and Urban Natives in Des Moines, Iowa. Iowa Agr. Expt. Sta. Res. B. 534.
- BEALE, Calvin L. and SHOEMAKER, K. G. 1961. Adjustments in Rural Human Resources. Adjustments in agriculture - a natl. base-book. Iowa State U. Press.
- BEALE, Calvin L. and BOGUE, D. J. 1963. Recent Population Trends in the United States with Emphasis on Rural Areas. AER 23.
- BEALE, Calvin L. 1964. Rural Depopulation in the United States: Some Demographic Consequences of Agricultural Adjustments. Demography 1(1): 264-272.
- BEALE, Calvin L., HUDSON, John C. and BANKS, Vera J. 1964. Characteristics of U. S. Population by Farm and Nonfarm Origin. AER 66.
- BOGUE, D. J. and BEALE, Calvin L. 1961. Economic Areas of the United States: A Comprehensive Statistical and Descriptive Analysis of Socio-Economic Characteristics. Free Press of Glencoe.
- BOWLES, Gladys K. 1962. Adjustment Processes Associated with Migration: With Special Reference to Population Redistribution in the Great Plains between 1950 and 1960. Presented at Great Plains Agr. Coun. Mtg. Fort Collins, Colo.
- BOWLES, Gladys K. 1962. Some Research Possibilities Utilizing Data From the Censuses of Population and Agriculture Simultaneously. Pop. Res. Adm. Planning. Miss. State U. Conf. Ser. 10.
- BOWLES, Gladys K. and TARVER, James D. 1965. Net Migration of Population, 1950-60 by Age, Sex, and Color. Vol. I. States, Counties, Economic Areas, and Metropolitan Areas. Population-Migration Rpt. 1: 1-6.
- BROWN, C. H. and BUCK, R. C. 1961. Factors Associated with Migrant Status of Young Adult Males from Rural Pennsylvania. Pa. Agr. Expt. Sta. B. 676.
- BURCHINAL, L. G. and BAUDER, W. W. 1963. Integration of Farm- and Urban-Reared Persons in Des Moines. Presented at Rur. Sociol. Soc. Mtg., Los Angeles, Calif.
- BURCHINAL, L. G. and BAUDER, W. W. 1963. Migration of Parents, Children's Educational and Occupational Attainment, and Parents' Educational and Occupational Aspirations for their Children. Presented at joint Mtg. Rur. Sociol. Soc. and Amer. Sociol. Assn., Los Angeles, Calif.
- DUCOFF, L. J. 1963. Interdisciplinary Relationships between Demography, Economics, and Sociology. Presented at Rur. Sociol. Soc. Mtg., Los Angeles, Calif.
- KLIETSCH, R. G., ANDREWS, W. H. and BAUDER, W. W. 1964. Social Response to Population Change and Migration: The Impact of Population Change on Individuals and Institutions. Iowa Agr. Expt. Sta. Spec. Rpt. 40.
- SKRABANEK, R. L., BANKS, Vera J. and BOWLES, Gladys K. 1964. Farmer Adjustments to Drouth in a Texas County. Texas Agr. Expt. Sta. B. 1005.
- TILLY, C. 1962. The Assimilation of Rural and Urban Migrants in Wilmington, Delaware. Presented at Mtg. of Rur. Sociol. Soc., Washington, D. C.
- TILLY, Charles 1965. Migration to an American City. Del. Agr. Expt. Sta. and Div. of Urban Affairs.

2. Farm and Rural Manpower in Relation to Development

- ECONOMIC RESEARCH SERVICE 1963. Advance Report of the Hired Farm Working Force of 1962. ERS-141.
- BAUM, S., FRIEND, R. E. and STANSBERRY, R. R., Jr. 1963. The Hired Farm Working Force of 1961. AER 36.
- BOWLES, Gladys K. and SELLERS, Walter E., Jr. 1965. The Hired Farm Working Force of 1963: With Supplementary Data for 1962. AER 76.
- BOWLES, Gladys K. 1965. The Hired Farm Working Force of 1964 - A Statistical Report. AER 82.
- BOWLES, Gladys K. and BEALE, Calvin L. 1965. Characteristics of the Population of Hired Farm Worker Households. AER 84.
- BURCHINAL, Lee G. and BAUDER, Ward W. 1964. Family Decision-Making and Role Patterns Among Iowa Farm and Nonfarm Families. Iowa Agr. Expt. Sta. Res. B. 528.
- COWING, J. D. 1963. Education, Skill Level, and Earnings of Hired Farm Working Force of 1961. AER 26.
- DUCOFF, L. J. 1963. Occupations and Levels of Living of Rural People. 1963 YB.
- ELLENBOGEN, B. L., DANLEY, R. A., HAY, D. G. and LARSON, O. R. 1962. Changes in the Availability and Use of Health Resources in Two Western New York Counties: Identical Households, 1950 and 1958. Cornell U., Dept. Rur. Sociol. B. 55.
- FRIEND, R. E. and BAUM, S. 1963. Economic, Social, and Demographic Characteristics of Spanish-American Wage Workers on U. S. Farms. AER 27.
- FRIEND, R. E. and STANSBERRY, R. R., Jr. 1962. The Hired Farm Working Force of 1960. AB 26b.
- KALDOR, Donald R., BAUDER, W. W. and TRAUTWEIN, Marvin W. 1964. Impact of New Industry on an Iowa Rural Community - Part I. Farming and Farm Living. Iowa Agr. Expt. Sta. Spec. Rpt. 37.
- MAITLAND, S. T. and DUCOFF, L. J. 1961. The Farm Labor Force: Recent Trends and Future Prospects. J. Farm Econ. 43(5): 1183-1189.

- MAITLAND, S. T., STANSBERRY, R. R., Jr. and FRIEND, R. E. 1961. The Hired Farm Working Force of 1959. AB 238.
- SCHWARZWELLER, H. K. 1963. Family Ties, Migration and Transitional Adjustments of Young Men from Eastern Kentucky. Ky. Agr. Expt. Sta. B. 691.
- SCHWARZWELLER, H. K. 1964. Career Placement and Economic Chances of Young Men from Eastern Kentucky. Ky. Agr. Expt. Sta. B. 686.
- STANSBERRY, R. R., Jr. 1963. The Rural Fringe and Urban Expansion: A Case Study of Prince Georges and Montgomery Counties, Maryland. AER 43.

3. Rural Aging and Retirement

- BAUDER, W. W., DUNCAN, O. D. and TARVER, J. D. 1962. The Social Security and Retirement Program of Oklahoma Farm Operators and Farm Landlords. Okla. Agr. Expt. Sta. B. 592.
- BAUDER, W. W. 1963. The Concept of Retirement Among Farm Operators in South Dakota. Presented at Rur. Sociol. Soc. Mtg., Los Angeles, Calif.
- BAUDER, W. W., BIGGAR, Jeanne C. and SAUER, Howard M. 1964. Retirement Plans, Concepts, and Attitudes of Farm Operators in Three Eastern South Dakota Counties. S. Dak. Agr. Expt. Sta. B. 515.
- FOLKMAN, W. S. and HAMILTON, C. H. 1961. Impact of the Social Security Old Age Retirement System on Agriculture and Rural Life in Eastern North Carolina. N. C. Agr. Expt. Sta. Prog. Rpt. RS-40.
- TAVES, M. J. and HANSEN, G. D. 1963. Minnesota Farmers and Social Security. Minn. Agr. Expt. Sta. B. 467.
- YOUMANS, E. Grant 1961. Economic Status and Attitudes of Older Men in Selected Rural and Urban Areas of Kentucky. Ky. Agr. Expt. Sta. Prog. Rpt. 105.
- YOUMANS, E. Grant 1961. Health Problems of Older Persons in Selected Rural and Urban Areas of Kentucky. Ky. Agr. Expt. Sta. Prog. Rpt. 104.
- YOUMANS, E. Grant 1962. Leisure-Time Activities of Older Persons in Selected Rural and Urban Areas of Kentucky. Ky. Agr. Expt. Sta. Prog. Rpt. 115.
- YOUMANS, E. Grant 1963. Social Psychological Characteristics of Old Age. *In* Human Aging: A Biological and Behavioral Study.
- YOUMANS, E. Grant 1964. Personal Adjustments of Older Rural and Urban Persons. *In* Social Change and Aging in the Twentieth Century. Fla. U. Institute of Gerontology.

4. Levels of Living

- ECONOMIC RESEARCH SERVICE 1964. Distribution of Workers in Selected Professional Occupations by Urban and Rural Residence, United States, 1960. ERS-201.
- BUCK, R. C. and BIBLE, B. L. 1961. Educational Attainment Among Pennsylvania Rural Youth. Pa. Agr. Expt. Sta. B. 686.
- CHRISTIANSEN, J. R., COWHIG, J. D. and PAYNE, J. W. 1962. Educational and Occupational Aspirations of High School Seniors in Three Central Utah Counties. Brigham Young U. Social Sci. B.1.
- CHRISTIANSEN, J. R., COWHIG, J. D. and PAYNE, J. W. 1962. Educational and Occupational Progress of Rural Youth in Utah: A follow-up Study. Brigham Young U. Social Sci. B. 2.
- COWHIG, J. D. and STEWARD, E. O. 1960. The Older Farm Family and Medical Costs. AB 235.
- COWHIG, J. D. and NAM, C. B. 1961. Educational Status, College Plans, and Occupational Status of Farm and Nonfarm Youths: 1959. Farm Pop. Ser. Census-ERS P-27, No. 30.
- COWHIG, J. D. 1962. Farm Operator Level-of-Living Indexes for Counties of the United States, 1950 and 1959. SB 321.
- COWHIG, J. D. 1962. Early Occupational Status as Related to Education and Residence. Rur. Sociol. 27(1):18-27.
- COWHIG, J. D. 1962. Education and Earnings of the Hired Farm Working Force of 1960. AB 262.
- COWHIG, J. D. 1963. Age-Grade School Progress of Farm and Nonfarm Youth: 1960. AER 40.
- COWHIG, J. D. 1963. School Dropout Rates Among Farm and Nonfarm Youth: 1950 and 1960. AER 42.

- MANNY, E. S. and ROGERS, Charles E. 1963. Hospitals for Rural People. F. 2110 Rev.
- MCCANN, G. C. 1961. A Study of Farm Families and Their Level-of-Living Income Patterns in Watauga County, North Carolina. N. C. Agr. Expt. Sta. Rur. Sociol. Prog. Rpt. RS-39.
- MOORE, E. J., BAUM, E. L. and GLASGOW, R. B. 1964. Economic Factors Influencing Educational Attainments and Aspirations of Farm Youth. AER 51.
- NAM, C. B. and COWHIG, J. D. 1962. Factors Related to College Attendance of Farm and Nonfarm High School Graduates: 1960. Farm Population. Ser. Census-ERS P-27, No. 32.
- ROBIN, Ellen P. and SARDO, Joseph. 1964. Attitudes and Plans of High School Students in Sedgwick County, Colorado. Colo. Agr. Expt. Sta. Tech. B. 85.
- YOUMANS, E. Grant, GRIGSBY, Shaw E. and KING, Helen Carawan 1964. After High School - What? A Study of Career Plans of Negro and White Youth in the Rural South. Fla. Agr. Expt. Sta. Unnumb.
- YOUMANS, E. Grant, GRIGSBY, Shaw E. and KING, Helen Carawan 1965. After High School What . . . Highlights of a Study of Career Plans of Negro and White Rural Youth in Three Florida Counties. Fla. Coop. Ext. Serv.

5. Miscellaneous

- DUCOFF, Louis J. 1965. Population Growth in relation to the Agricultural Labor Force in Developed and Some Developing American Countries. WPC/WP/139. U. N., World Pop. Conf.

B. INCOMES AND EMPLOYMENT OF RURAL PEOPLE

- ECONOMIC RESEARCH SERVICE 1961. County Median Income Estimates, 1959. ERS-Unnumb.
- ADKINS, William G. 1963. Incomes of Rural Families on the Blackland Prairies. Tex. Agr. Expt. Sta. MP 659.
- ADKINS, William G. 1965. Projections to 1970 - Selected Characteristics of Farms in the Blackland Prairies: An Application of Empirical Estimating Procedures. Tex. Agr. Expt. Sta., Tech. Mon. 2.
- BLASE, Kenneth E. and BIRD, Ronald 1965. Developing Adequate Farms in the Ozarks of Eastern Missouri. Mo. Agr. Expt. Sta. Res. B. 888.
- BOLTON, B. 1962. Farm Income Predictions for Small Farms in the Central Louisiana Mixed Farming Area. La. Agr. Expt. Sta. Dept. Agr. Econ. and Agr. Bus. DAE 308.
- BURKETT, W. Keith and THOMPSON, James F. 1965. Low Income Rural People: The Nature and Extent of the Problem in a South Central Kentucky Area. Ky. Agr. Expt. Sta. B. 697.
- BURKETT, W. Keith and THOMPSON, James F. 1965. Statistical Supplement to Bul. 697. Ky. Agr. Expt. Sta.
- CRECINK, J. C. 1960. Incomes, Resources, and Adjustment Potential of Rural Families in the Clay-Hills of Mississippi. Miss. Agr. Expt. Sta. AEC MR 29.
- CRECINK, J. C. and McLAUGHLIN, Albert L. 1965. Increasing Incomes of Farm Families Through Farm Adjustments. Clay-Hills of Mississippi. Miss. Agr. Expt. Sta., AEC MR 44.
- CRECINK, John C. 1965. Budgets for Major Farm Enterprises in the Clay-Hills of Mississippi. Miss. Agr. Expt. Sta., AEC MR 45.
- FULLER, T. E. 1962. Farm Family Income in North Central Pennsylvania. Pa. Agr. Expt. Sta. B. 692.
- HADY, F. T. 1961. Improving Incomes of Farm People in Northern and Western Florida. ERS-36.
- HAREN, Claude C. and GLASGOW, Robert B. 1964. Median Family Income and Related Data by Counties. SB 339.
- HJORT, H. W. 1962. Family Money Income - Its Level and Distribution. N. C. Agr. Expt. Sta. Tarheel Farm Econ.
- HOOVER, H. and CRECINK, J. C. 1961. Statistical Supplement, Low Income Study, Clay-Hills area of Mississippi. Miss. Agr. Expt. Sta. AEC MR 30.
- HOOVER, H. and CRECINK, J. C. 1961. Part-Time Farming: Its Role and Prospects in the Clay-Hills Area of Mississippi. Miss. Agr. Expt. Sta. B. 627.
- HOOVER, H. and CRECINK, J. C. 1962. Rural Nonfarm Families in the Clay-Hills area of Mississippi - Incomes and Resources. Miss. Agr. Expt. Sta. B. 648.

- JOHNSON, Paul R. 1962. Effect of off-farm Migration of Managerial Resources in Agriculture. *J. Farm Econ.* 44(5):1462-71.
- MARTIN, James R. and SOUTHERN, J. H. 1961. Part-Time Farming in Northeast Texas. *Tex. Agr. Expt. Sta. B.* 970.
- McELVEEN, Jackson V. 1963. Farm Numbers, Farm Size and Farm Income. *J. Farm Econ.* 45(1):1-12.
- STEWART, D. D. 1961. Employment, Income and Resources of Rural Families of Southeastern Ohio. *Ohio Agr. Expt. Sta. B.* 886.
- ULSAKER, N. L., BACK, W. B. and LAGRONE, W. F. 1961. Resources and Incomes of Rural Families in the Ozark Plateaus Region of Northeastern Oklahoma. *Okla. Agr. Expt. Sta. Proc. Ser. P-377.*

C. COMMUNITY FACILITIES, RURAL GOVERNMENT AND TAXATION

1. Organization and Finance of Local Government

- CROUCH, W. W. and GIORDANO, R. N. 1963. The Example of Dairy Valley. 1963 YB.
- CROUCH, W. W., GOLDSMITH, J. and GIORDANO, R. N. 1964. Agricultural Cities: Paradoxes in Politics of a Metropolis. *Calif. U., Los Angeles.*
- HADY, Thomas F. and HEIN, Clarence J. 1964. Congressional Townships as Incorporated Municipalities. *Midwest J. Pol. Sci.* 8(4): 408-424.
- HAVARD, William C. and CORTY, Floyd L. 1964. Rural-Urban Consolidation: The Merger of Governments in Baton Rouge Area. *La. State U. Press.*
- HEIN, C. J. 1961. The Stake of Rural People In Metropolitan Government. MP 869.
- HEIN, C. J. 1961. Metropolitan Government, Residents Outside the Central Urban Areas. *West. Polit. Quart. Vol. 14.*
- HEIN, C. J. 1962. Rural Fears Allayed. *Natl. Civic Rev.* 51(8): 429-433.
- HEIN, C. J. 1963. Problems of Local Government. 1963 YB.
- HEIN, C. J. 1963. Meeting Unfilled Public Service Needs in Rural Areas. *J. Farm Econ.* 45(5):1147-1149.
- HEIN, C. J. 1965. Local Governmental Problems and Issues Raised by Urbanization. *Local Government Problems in Urbanizing Rural Areas. Southern Land Economics Res. Pub. 4. Dept. Agr. Econ. and Agri-business, La. State U.*
- PRESS, C. and HEIN, C. J. 1962. Farmers and Urban Expansion: A Study of a Michigan Township. ERS-59.
- PRESS, C. and RICE, R. 1963. Farmers and Suburbanization. *Mich. Farm Econ.* 242.
- PRESS, C. and RICE, R. 1963. Rural Residents and Urban Expansion. ERS-132.
- SHAPIRO, H. 1961. Measuring Local Government Output. A Comment. *Sept. Natl. Tax J.*
- SHAPIRO, H. 1962. Rural Government Structure: Its Relationship to Servite Levels and Revenues. *Agr. Fin. Rev.* 23.
- SHAPIRO, H. 1963. Economies of Scale and Local Government Finance. *Land Econ.* 39(2): 175-186.
- SHAPIRO, H. 1963. The Finances of Local Governments. 1963. YB.
- STOCKER, F. D. 1961. Urbanization, Agriculture, and Rural Government. *The County Officer, Mar.*
- STOCKER, F. D. 1961. Governmental Problems on the Urban Fringe. *Agr. Econ. Res.* 13(4).
- STOCKER, F. D. 1963. Revenues and Expenditures of State and Local Governments in the Great Plains. *AER* 22.
- STOCKER, F. D. 1963. Local Government Costs and Services Under Conditions of Sparse Population. ERS. Mimeo. (Unnum)
- STONER, J. E. 1963. Cooperation Among Units of Governments. 1963 YB.
- STONER, J. E. and SIFFIN, C. F. 1964. A Selected Bibliography on Interlocal Governmental Cooperation. MP 958.
- WESSEL, R. I. 1963. Iowa Rural Government Since 1900. *Iowa Agr. Expt. Sta. Spec. Rpt.* 32.
- WESSEL, R. I. 1963. Iowa County Governments Face Difficult Problems. *Iowa Farm Sci.* 17(8): 14-17.
- WESSEL, R. I. 1963. How Iowa County Governments Operate. *Iowa Farm Sci.* 17(10).
- WESSEL, Robert I. 1965. Alternative for Minnesota County Government. *Minn. Farm Bus. Notes*, 471, Dept. Agr. Econ., Minn. U.

WESSEL, Robert I. 1964. Future Prospects for Minnesota County Government. *Minn. Farm Bus. Notes No. 466. Dept. Agr. Econ. Minn. U.*

WINTER, A. B. 1965. The Holdredge Story: A Case Study of Interlocal Governmental Cooperation. *League Nebr. Munic. and Dept. Polit. Sci. Nebr. U.*

2. Amount and Incidence of Form Taxes

- ECONOMIC RESEARCH SERVICE. Farm Real Estate Taxes, Recent Trends and Developments
ERS, RET 1 1961
ERS, RET 2 1962
ERS, RET 3 1963
ERS, RET 4 1964
- GREAT PLAINS AGRICULTURAL COUNCIL 1963. Adapting Tax Systems to Great Plains Conditions. *Mont. Agr. Expt. Sta. B.* 581.
- HADY, T. F. 1962. The Incidence of the Personal Property Tax. *Natl. Tax J.* 15(4): 368-384.
- HADY, T. F. 1963. The Impact of Estate and Inheritance Taxes on the Farm Enterprise. *Agr. Fin. Rev.* 24.
- HENEBERRY, W. H. 1963. Impact on Farmers of Proposed Changes in the State and Local Tax Structure of Illinois. *Ill. U. Dept. Agr. Econ. Mimeo.*
- HENEBERRY, W. H. and SPITZ, R. G. F. 1963. Burden of Property Taxes on Illinois Agriculture. 1963 Rpt. Comm. Revenue, State of Ill.
- SHAPIRO, H. 1962. Taxation of Tangible Personal Property Used in Agriculture. ERS-86.
- SHAPIRO, H. 1964. Farm Personal Property Taxes, 1957-62. ERS-176.
- SHAPIRO, H. 1964. 1964 Revenue Act - Provisions of Significance to Farmers. ERS-165.
- SPEARS, M. H. 1962. Taxes on Farmland in Metropolitan Areas. *Agr. Fin. Rev.* 23.
- STOCKER, F. D. 1963. Discussion of Property Tax as Part of the Fiscal System. *Rural Taxation Problems. Ill. Agr. Expt. Sta. AERR-61.*
- WOODWARD, F. O. 1963. A Comparison of the Regressiveness of a Sales and a Property Tax. *Agr. Fin. Rev.* 24.
- WOODARD, F. O. 1964. The Effect of Selected Taxes on a Sample of Farmers in Nebraska as Indicated by a Survey of FHA Borrowers. *Neb. Agrl. Expt. Sta. B* 481.
- #### 3. Assessment of Farm Property
- HENEBERRY, W. H. and BARLOWE, R. 1962. Assessment of Farm Real Estate for Property Taxes in the North Central States. *Mich. Agr. Expt. Sta. Spec. B.* 439. (No Cent. Regional Pub. 130).
- HOUSE, P. W. 1961. Farm Land Assessment in Rural-Urban Fringe. *Jan. Appraisal J.*
- HOUSE, P. W. 1961. Preferential Assessment of Farmland in the Rural-Urban Fringe of Maryland. ERS-8.
- HOUSE, P. W. 1961. State Action Relating to Taxation of Farmland on the Rural-Urban Fringe. ERS-13.
- HOUSE, P. W. 1963. Farm Taxes on the Rural-Urban Fringe. ERS-102.
- PRIEST, T. W., WHITESIDE, E. P. and HENEBERRY, W. H. 1961. Use of Soil Management Groups and Related Information in Evaluation of Farmlands. *Proc., Soil Sci. Soc. Amer.*
- STOCKER, F. D. 1961. How Should we Tax Farmland in the Rural-Urban Fringe? *Proc., 54th Annual Conf. Taxation, Natl. Tax Assoc., Seattle, Washington.*
- STOCKER, F. D. 1963. Selected Legislative and Other Documents on the Preferential Assessment of Farmland. ERS. Unnum.
- STOCKER, F. D. 1963. Taxing Farmland in the Urban Fringe. *J. Farm Econ.* 45(5): 1131-1137.
- STOCKER, F. D. 1963. The Taxation of Farmland. 1963 YB.
- STOCKER, F. D. 1964. Urban Encroachment in Relation to Farm Taxes. *J. Soil Water Conserv.* 19(3): 95-97.
- SHAPIRO, Harvey 1965. Assessment and Taxation of Tangible Personal Property on Farms. *Natl. Tax J.* 18(1): 25-35.

4. Housing and Community Facilities

- FOLKMAN, W. S. 1961. Rural Problem Areas Need Better Schools. *Agr. Econ. Res.* 13(4):122-130.
- PAVLICK, A. L. and COLTRANE, R. I. 1964. Quality of Rural and Urban Housing in the Appalachian Region. *AER* 52.

D. RURAL AREA ECONOMIC STRUCTURE

1. Intersector Relationships

- ECONOMIC RESEARCH SERVICE. 1963. *The Appalachian Region's Agriculture: Its Problems and Potentials for Development*. Prepared for the President's Appalachian Regional Commission.
- BACHMURA, F. T. 1963. *Development Commissions in Communities*. 1963 YB.
- BACHMURA, F. T. 1963. *The Manpower Development and Training Act of 1962 - Its Significance for Rural Areas*. *J. Farm Econ.* 45(1).
- BAUM, E. L. and SPIEGELMAN, R. G. 1965. *Two Suggested Critical Areas for Research in Regional Development in the United States*. *Res. Strategy in Regional Dev.*, Iowa State U. Press.
- BAUM, E. L. and COLTRANE, R. I. 1965. *An Economic Survey of the Appalachian Region, with Special Reference to Agriculture*. *W. Va. Agr. Expt. Sta., Agr. Econ. Rpt.* 69.
- BAUM, E. L., SPIEGELMAN, R. G. and TALBERT, L. E. 1965. *Application of Activity Analysis to Regional Development Planning: A Case Study of Economic Planning in Rural South Central Kentucky*. TB 1339.
- GLASGOW, R. B. and BAUM, E. L. 1963. *Considerations for Planning Economic Development of Rural Areas*. *J. Farm Econ.* 45(5):1083-90.
- GREEN, H. Albert. 1965. *Analytical Methods for the Determination of Growth Potentials of Depressed Rural Areas*. *Proc. Workshop Prob. Chronically Depressed Rural Areas*, Asheville, N. C., April.
- McELVEEN, Jackson V. 1964. *Farm Outdoor Recreation Enterprises in South Carolina*. *Agr. Expt. Sta. AE* 263.

2. Appraisal of Growth Potentials

- BAUM, E. L. 1965. *Shaping the Regional Development Program*. *Proc. Internatl. Conf. Regional Dev. and Econ. Change*, Toronto, Canada.
- BAUM, E. L. and SOUTHERN, John H. 1964. *National Programs, Progress and Research Needs in Area Economic Development*. *J. Farm Econ.* 46: (5).
- BIRD, Ronald 1965. *Contributions of the Timber Industry to the Economy of the Missouri Ozarks*. *Mo. Agr. Expt. Sta. B.* 828.
- SOUTHERN, J. H. 1964. *Possibilities and Methods of Approach for Developing Industry in Rural Areas*. *Regional Rural Development Programmes, Organ. Econ. Coop. and Dev. Rpt.* 66.
- SOUTHERN, J. H. 1964. *National Growth and Development and Rural Areas*. *Natl. Outlook Conf. Proc.*
- SOUTHERN, J. H. 1965. *Opportunity Outlook for Rural People and Areas*. *Mar. Agr. Econ., Univ. Ark.*

E. DEVELOPMENT PROBLEMS AND PROGRAMS IN RURAL AREAS

1. Economic Development Adjustment Problems

- ANDREWS, W. H., BAUDER, W. W. and ROGERS, E. M. 1960. *Benchmarks for Rural Industrialization: A Study of Rural Development in Monroe County, Ohio*. *Ohio Agr. Expt. Sta. Res. B.* 890.
- BACHMURA, F. T. 1963. *Local Assistance for Development*. 1963 YB.
- BACHMURA, F. T. and GLASGOW, R. B. 1961. *Rural Area Development in a Growing Economy*. *J. Farm Econ.* 43(5): 1532-1537.
- BAUM, E. L. and BAILEY, Warren R. 1963. *Farming on the Economic Margins*. 1963 YB.
- BERTRAND, A. L. and OSBORNE, H. W. 1960. *Rural Industrialization: A Situational Analysis*. *Rur. Sociol.* 25(4): 387-393.
- BIRD, R. and FENLEY, R. D. 1962. *Contributions of Part-Time Residents to the Local Economy of a County in the Missouri Ozarks*, 1960. *Mo. Agr. Expt. Sta. Res. B.* 814.
- BURKETT, W. K. 1961. *Effect of Nonfarm Employment on Agricultural Development*. *J. Farm Econ.* 43(5): 1215-16.

- BURKETT, W. K. 1962. *Some Institutional Aspects of Rural Development*. *J. Farm Econ.* 44(5): 1730-34.
- CRECINK, John C. 1965. *Economic Growth and Optimum Adjustments - The South*. *Proc. Agr. Econ. and Rural Soc. Sec. Assoc., Southern Agr. Workers annual Mtg.*
- GIBSON, W. L., Jr. and WALRATH, A. J. 1964. *Farm Real Estate*. *Va. Agr. Ext. Serv., Va. Farm Econ.*
- GIBSON, W. L., Clonts, H. A. and WALRATH, A. J. 1965. *Use of Capital in Farming*. *Va. Agr. Ext. Serv., Va. Farm Econ.*
- GIBSON, W. L. and WALRATH, A. J. 1965. *When to Sell Farm Land that Lies in Path of Urban Expansion*. *Va. Agr. Ext. Serv. Va. Farm Econ.*
- LOOMIS, R. A. 1962. *A Guide to Financial Sources for Overall Economic Development Activities in Rural Areas of Michigan*. *Mich. State U. Agr. Econ.* 870.
- LOOMIS, R. A. and WIRTH, M. E. 1962. *Financial Progress on Michigan Farms - A Contrast Between Part-Time and Full-Time Farming*. *Mich. Agr. Expt. Sta. QB.* 44-56: 625-643.
- LOOMIS, R. A., MCKEE, D. E. and BONNEN, J. T. 1962. *The Role of Part-Time Farming in Agricultural Adjustment in Southern Michigan*. *Mich. Agr. Expt. Sta. QB.* 44-57: 644-653.
- LOOMIS, Ralph A. 1964. *Farmers in the Nonfarm Labor Market*. *Mich. Agr. Expt. Sta. Res. Rpt.* 24.
- LeRAY, Nelson L. and REEDER, William W. 1965. *Adjustments in Human and Physical Resource Use in a Low Income Area of Northern New York State - A Basic Data Report*. *Cornell U., Dept. Rural Soc. Res. B.* 65.
- LeRAY, Nelson L. and REEDER, William W. 1965. *Ex-Farm Operators in a Low Income Area*. *Cornell U., Dept. Rural Soc. Res. B.* 65-2.
- LOOMIS, Ralph, A. 1965. *A Profile of Part-Time Farming in the United States*. *Mich. State U., Mich. Agr. Econ. Rpt.* 15.
- LOOMIS, Ralph A. 1965. *Il Part-Time Negli Stati Uniti*. *Rivista di Economica Agraria*, 20(1).
- LOOMIS, Ralph A. 1965. *Working in Two Worlds - Farm and Factory*. *Mich. Agr. Expt. Sta. Rpts.* 32.
- REEDER, William W., CRAIG, Wesley, W. and LeRAY, Nelson L. 1965. *Factors Influencing Occupational Decisions in a Low Income Area*. *Cornell U. Agr. Expt. Sta. B.* 20.
- WALRATH, Arthur J. 1965. *County Courthouse Records - A Basic Source of Data*. *Va. Agr. Expt. Sta. B.* 560.
- WIRTH, M. E. and LOOMIS, R. A. 1962. *Part-Time Farming in Michigan*. *Mich. Farm. Econ.* 232. *Mich. State U.*

2. Evolution of Rural Development Programs

- BIRD, R. and MILLER, F. 1962. *Contributions of Tourists Trade to Incomes of People in Missouri Ozarks*. *Mo. Agr. Expt. Sta. Res.*
- BIRD, R. and MILLER F. 1962. *Where Ozark Tourists Come From and Their Impact on Local Economy*. *Mo. Agr. Expt. Sta. Res. B.* 798.
- BIRD, Ronald and McNABB, Coy G. 1963. *Economic Importance of Tourists to the Missouri Ozarks*. *Mo. Ext. C.* 744.
- BIRD, Ronald 1963. *Income Potential of Various Kinds of Farm Recreational Enterprises in Missouri*. *Mo. Agr. Expt. Sta. B.* 783.
- BIRD, R. and CREWS, J. F. 1963. *Liability Risks in Operating a Farm Recreational Enterprise in Missouri*. *Mo. Agr. Expt. Sta. B. B-801*.
- BIRD, Alan R. 1964. *Poverty in Rural Areas of the United States*. *AER* 63.
- GLASGOW, Robert B. and BAUM, E. L. 1963. *Considerations for Planning Economic Development of Rural Areas*. *J. Farm Econ.* 45 (5): 1083-1090.
- HOLMES, O. Wendell, Jr. 1964. *Private Outdoor Recreation Facilities in Rural Areas of Western Oregon*. *Oreg. Agr. Expt. Sta. Spec. Rpt.* 173.
- HOOVER, Herbert and CRECINK, John C. 1963. *Major Farm Enterprises, Clay-Hills of Mississippi*. *Miss. Agr. Expt. Sta. AEC MR.* 36.
- JORDAN, M. F. 1963. *Opportunities for Improving Rural-Family Income Through Recreation Enterprises*. *Ark. Agr. Expt. Sta. B.* 673.
- MAITLAND, S. T. and FRIEND, R. E. 1961. *Rural Industrialization: A Summary of Five Studies*. *AB* 252.
- OWENS, Gerald P. 1964. *Income Potentials from Outdoor Recreation Enterprises in Rural Areas in Ohio*. *Ohio Agr. Expt. Sta. Res. B.* 964.

- REUSS, L. A. and GILBRAITH, K. M. 1962. Income, Resources and Adjustment Potentials Among Rural Families in North and West Florida. Fla. Expt. Sta. B. 649.
- WALRATH, A. J. 1961. Rural Land Ownership and Industrial Expansion. Va. Agr. Expt. Sta. B. 527.
- WALRATH, A. J. 1961. The Title to Your Farm. Va. Agr. Ext. Ser. No. 168 Va. Farm Econ.
- WALRATH, A. J. 1961. The Title to Land. J. Farm Econ. 43(3): 616-625.
- WILBER, G. L. and MAITLAND, S. T. 1963. Industrialization in Chickasaw County, Mississippi: A Study of Rural Residents. Miss. Agr. Expt. Sta. B. 652.

III. FARM PRODUCTION ECONOMICS DIVISION

A. AGRICULTURAL ADJUSTMENTS, PRODUCTION RESPONSE AND FARM PROGRAM APPRAISAL

1. National and Regional Productivity in Agriculture

- ECONOMIC RESEARCH SERVICE. Changes in Farm Production and Efficiency. SB 233. Issued annually.
- ECONOMIC RESEARCH SERVICE. Index Numbers of Farm Production by Groups of Livestock and Crops, for Each Farm Production Region, Sup. I to SB 233, Changes in Farm Production and Efficiency. Issued annually.
- ECONOMIC RESEARCH SERVICE. Acreages of Cropland Used for Crops, and Its Components for Each Farm Production Region. Sup. II to SB 233, Changes in Farm Production and Efficiency. Issued annually.
- ECONOMIC RESEARCH SERVICE. Man-hours of Labor Used for Farmwork, by Groups of Livestock and Crops, for Each Farm Production Region, Sup. III to SB 233, Changes in Farm Production and Efficiency. Issued annually.
- ECONOMIC RESEARCH SERVICE. Index Numbers of Farm Production Per Man-hour, by Groups of Livestock and Crops, for Each Farm Production Region, Sup. IV. to SB 233, Changes in Farm Production and Efficiency. Issued annually.
- BARTON, Glen T. and DUROST, Donald D. 1960. The New USDA Index of Inputs. *J. Farm Econ.* 42(5):1398-1410.
- DUROST, Donald D. 1960. Index Numbers of Agricultural Production, by Regions, 1939-1958. SB 273.
- DUROST, Donald D. and SHAW, Lawrence H. 1965. The Effect of Weather and Technology on Corn Yields in the Corn Belt, 1929-62. AER 80.
- EGBERT, A. C. and HEADY, E. O. 1963. Regional Analysis of Production Adjustments in the Major Field Crops: Historical and Perspective. T. 1294.
- LOOMIS, Ralph A. and BARTON, Glen T. 1961. Productivity of Agriculture, United States, 1870-1958. T. 1238.
- POLI, Adon. 1963. Long-term Production Prospects for Western Agriculture. AER 33 and Sup.
- SCOFIELD, W. H., and BARTON, Glen T. 1961. Technology and Changes in Capital Structure. In E. L. Baum, ed., *Capital and Credit Needs in a Changing Agriculture*, Iowa State U. Press.
- SHAW, Lawrence H. and DUROST, Donald D. 1962. Measuring the Effects of Weather on Agricultural Output. ERS-72.
- SHAW, Lawrence H. and DUROST, Donald D. 1964. The Weather Index Approach. In *Weather and Our Food Supply*. Iowa Agr. Expt. Sta. CAED Rpt. 20.
- SHAW, Lawrence H. 1964. The Effect of Weather on Agricultural Output: A Look at Methodology. *J. Farm Econ.* 46(1):218-230.
- SHAW, Lawrence H. 1964. The Wallis-Moore Nonparametric Statistical Test. *J. Farm Econ.* 46(1):249-250.
- SMITH, Edward J. 1965. Technology in Broiler Production, Impact on Feed Conversion and Marketing Weight. ERS-246.
- STARBIRD, I. R. and VERMEER, J. 1962. Crop Production Practices and Costs by Size of Farm, Delta Area Mississippi, 1957-58. AER-21.
- TWEETEN, L. G. and TYNER, F. H. 1964. Toward an Optimum Rate of Technological Change. *J. Farm Econ.* 46(5):1075-1084.
- TYNER, F. H. and TWEETEN, L. G. 1964. Excess Capacity in U. S. Agriculture. *Agr. Econ. Res.* 16(1).

2. Appraisal of Production Response and Needs for Adjustment

- DAY, R. H. 1961. Recursive Programming and Supply Prediction. In E. O. Heady, ed., *Agricultural Supply Functions - Estimating Techniques and Interpretations*. Iowa State U. Press.
- DAY, R. H. 1962. Programming Absolute Priorities by Means of Input-output Analysis. *Artha Vijnana, Indian Tech.* J. 4(1).
- DAY, R. H. 1962. An Approach to Production Response. *Agr. Econ. Res.* 14(4).

- DAY, R. H. 1963. Recursive Programming and Production Response. In *Recursive Programming and Production Response*. North-Holland Publishing Company, Amsterdam, The Netherlands.
- DAY, R. H. 1963. On Aggregating Linear Programming Models of Production. *J. Farm Econ.* 45(4):797-813.
- DAY, R. H. 1963. Simple Methods of Estimating Certain Nonlinear Functions with Emphasis on Agricultural Data. AH 256.
- DAY, R. H. 1964. Linear Programming and Related Computations: A Guide to USDA LP/90. ERS-Unnumb.
- EGBERT, A. C. and HEADY, E. O. 1961. Regional Adjustments in Grain Production - A Linear Programming Analysis. T. 1241.
- EGBERT, A. C. 1961. Interregional Competition or Spatial Equilibrium Models in Farm Supply Analysis. In E. O. Heady, ed., *Agricultural Supply Functions - Estimating Techniques and Interpretations*. Iowa State U. Press.
- EGBERT, A. C. and DUMENIL, L. C. 1961. Nature, Magnitude and Physical Areas of Potential Supply-demand Imbalance. In *Dynamics of Land Use - Needed Adjustment*. (CAED) Iowa State U. Press.
- EGBERT, A. C. and HEADY, E. O. 1963. Regional Changes in Grain Production. CAED Rpt. 14T.
- JENSEN, H. R. and DAY, L. M. 1961. Surveys and Studies to Estimate Farmers' Planned or Proposed Supply Response. In E. O. Heady, ed., *Agricultural Supply Functions - Estimating Techniques and Interpretations*. Iowa State U. Press.
- LEE, John E., Jr. 1965. Allocating Farm Resources Between Farm and Nonfarm Uses. *J. Farm Econ.* 46(1), 83-92.
- PAULSEN, A., Heady, E. O., EGBERT, and Others. 1961. Retire Our Excess Grain Capacity? *Iowa Farm Sci.*, 16(1).
- SCHALLER, W. Neill. 1964. Data Requirements for New Research Models. Presented at Aug. Ann. Mtg. Amer. Farm Econ. Assn., Purdue U.
- SCHALLER, W. Neill and DEAN, Gerald W. 1965. Predicting Regional Crop Production - An Application of Recursive Programming. T. 1329.
- TOMPKIN, J. R. and SHARPLES, J. 1963. The Role of Operators' Expectations in Farm Adjustment. *Ohio Agr. Expt. Sta. Res. B.* 936.
- WHITTLESEY, Norman K. and HEADY, Earl O. 1964. Incorporating Soil Differences Within Regions in an Interregional Competition Model. *Agr. Econ. Res.* 14(4).
- WHITTLESEY, Norman K., HEADY, Earl O. and MAYER, Leo V. 1965. Making Agriculture More Efficient. *Iowa Farm Sci.* 19(11).

3. Appraisal of Adjustments in Dairy Areas

- BAKER, C. B., and IRWIN, G. D. 1962. Why Farmers Pay the Cost of Dealer Credit. III. Res. III. Agr. Expt. Sta.
- BAKER, Randolph, and STANTON, B. F. 1965. Estimation and Aggregation of Firm Supply Functions. *J. Farm Econ.* 47(3): 701-712.
- BARKER, Randolph. 1961. Supply Functions for Milk Under Varying Price Situations. *J. Farm Econ.* 43(3):651-658.
- BARKER, Randolph. 1962. Expanding the Dairy Enterprise on Central Plains Farms. *Cornell U. Agr. Expt. Sta. B.* 973.
- BARKER, Randolph. 1964. Use of Linear Programming in Making Farm Management Decisions. *N.Y. Agr. Expt. Sta. B.* 993.
- BIRD, A. R. 1963. Least Cost Organization of Massachusetts Dairy Farms for Four Levels of Gross Income. *Mass. Agr. Expt. Sta. Pub.* 539.
- BRAKE, J. R., McKEE, D. E., and BONNEN, J. T. 1960. The Ages and Future Plans of Michigan Farmers as Related to Agricultural Adjustments. *Mich. State U. Q.B.*, *Mich. Agr. Expt. Sta. QB* 43(2).
- DAILEY, R. T., FRICK, G. E. and McALEXANDER, R. H., editors. 1965. *Agricultural Economics Planning Data for the Northeastern United States*. Pa. State U. Dept. Agr. Econ. & Rural Sociol. AE and RS 51.

- DAY, L. M., SUNDQUIST, W. B., and JENSEN, H. D. 1962. Profitable Adjustments in Farming in East Central Minnesota. *Minn. Agr. Expt. Sta. B.* 459.
- FRICK, G. E. and ANDREWS, R. A. 1965. Aggregation Bias and Four Methods of Summing Farm Supply Functions. *J. Farm Econ.* 47(3):696-700.
- IRWIN, George D. and McKEE, D. E. 1962. Stanchion, Herringbone Milking Parlor or no Dairy. *Mich. Agr. Expt. Sta. Quar. B.* 45-32.
- IRWIN, George D. 1963. How Dairying has Fared in Michigan. *Mich. Farm Econ.* 249.
- IRWIN, George D. and BONNEN, J. T. 1963. Can Michigan Dairymen Compete? *Mich. Farm Econ.* 250.
- IRWIN, George D. and RHOADE, R. R. 1964. Higher Profit Plans for Farms with Dairying Potential. *Mich. Agr. Ext. Res. Rpt.* 5.
- IRWIN, George D. 1964. Competitive Relationships in Michigan Dairying. *Mich. Agr. Expt. Sta. Res. Rpt.* 18.
- IRWIN, George D. 1965. Milk Production Allotment and Class I Base Plans. *Mich. State U. AER R3.*
- IRWIN, George D. 1965. Class I Milk Bases - Effects on Individual Farms. *Mich. Farm Econ.* 269.
- KIMBALL, N. D. and PETERSON, G. A. 1964. New Facilities for Larger Dairy Herd. *Wis. Agr. Expt. Sta. C.* 30(1).
- KIMBALL, N. D. and PETERSON, G. A. 1964. Economic Evaluation of Alternatives for Developing Large Dairy Farms in Wisconsin. *Wis. Agr. Expt. Sta. B.* 571.
- LANGHAM, M. R. and BAKER, C. B. 1960. Optimum Plans for Farms in Northeast Illinois. *U. of Ill. AERR-40.*
- LOOMIS, R. A., McKEE, D. E., and BONNEN, J. T. 1962. The Role of Part-time Farming in Agricultural Adjustment in Southern Michigan. *Mich. Agr. Expt. Sta. QB* 44(4).
- McKEE, D. E. 1961. Discussion: Contributions, Shortcomings, and Potential Improvements in Linear Programming Solutions. *J. Farm Econ.* 43(2).
- McKEE, D. E., and LOFTSGARD, L. D. 1961. Programming Intra Farm Normative Supply Functions. In E. O. Heady, ed., *Agricultural Supply Functions*, Iowa State U. Press.
- McKEE, D. E. 1962. The Competitive Position of the Dairy Enterprise in Farming - Thumb Area of Michigan. *Mich. State U. Agr. Econ. Mimeo.* 861.
- McKEE, D. E. 1962. Input-output Data, Linear Programming Model and Optimal Farm Organization of Representative Farm Situations in Lower Michigan, A Statistical Summary. *Mich. State U. Agr. Econ. Mimeo.* 864.
- PEDERSEN, Ronald W. 1964. Possibilities of Intensification on A Clay-and-till Dairy Farm, North Country Region, New York. *N. Y. Agr. Expt. Sta. B.* 991.
- PARTENHEIMER, Earl J. and STRICKLAND, P. L., Jr. 1965. Optimum Farm Organization With Different Livestock Prices, Limestone Valley Area of Alabama. *Ala. Agr. Expt. Sta. B.* 357.
- SHIEHY, S. J. and McALEXANDER, R. H. 1965. Selection of Representative Benchmark Farms in Synthetic Supply Estimation. *J. Farm Econ.* 47(3):681-695.
- STRICKLAND, P. L., Jr. and PARTENHEIMER, Earl J. 1965. Most Farms too Small to Net \$5,000 Income in Limestone Valley Area. *Ala. Agr. Expt. Sta., Highlights of Agricultural Research* 12(2).
- SUNDQUIST, W. B., DAY, L. M., and JENSEN, H. R. 1962. Alternatives in Farming in Central Minnesota. *Minn. Agr. Expt. Sta. B.* 460.
- SUNDQUIST, W. B., BONNEN, J. T., McKEE, and Others. 1963. Equilibrium Analysis of Income-improving Adjustments on Farms in the Lake States Dairy Region. *Minn. Agr. Expt. Sta. T.* 246.
- SUNDQUIST, W. B. 1964. Income-improving Adjustments in Lake States Dairying. *Minn. Farm Business Notes* 462.
- SUNDQUIST, W. B. and HOLT, James. 1964. Income-improving Alternatives on Grade A Dairy Farms in Minnesota. *Minn. Agr. Expt. Sta. B.* 473.
- WEEKS, S. B., FRICK, G. E., BOYNTON, C. II., and COLBY, S. W. 1962. Sample Contracts for Raising Dairy Herd Replacements. *N. H. Expt. Sta. C.* 342.
- #### 4. Appraisal of Adjustments in Cotton Areas
- BOLTON, W. M. 1961. Resource Use and Adjustment Potential. *Pura. Familier in the Central Louisiana Mixed Farming Area. La. Agr. Expt. Sta. B.* 545.
- BOLTON, W. M. 1962. Farm Income Expectations: Small Farms in the Central Louisiana Mixed Farming Area. *La. Agr. Expt. Sta. Dept. Agr. Econ. C.* 308.
- BOLTON, W. M. 1964. Variable Resource Programming for Appraising Farm Adjustment Opportunities. *AER* 16(1).
- BUTLER, C. P., and BURCII, Thomas A. 1960. Production Requirements and Estimated Returns from Selected Crop and Livestock Enterprises in the Piedmont Area. *S. C. Agr. Expt. Sta. B. AE* 202.
- CATON, D. D., and MOORE, C. V. 1962. Cost, Size and Income Relations on Cotton Farms. *Agr. Econ. Res.* 14(3).
- CONNOR, Larry J., LAGRONE, W. F., and PLAXICO, J. S. 1961. Resource Requirements Costs and Expected Returns Alternative Crop and Livestock Enterprises; Loam Soils of the Rolling Plains of Southwestern Oklahoma. *Okla. Agr. Expt. Sta. Proc. Ser. P.* 366.
- COOKE, F. T., Jr., and HEAGLER, A. M. 1961. Factors Affecting Soybean Yields in the Delta Area of Mississippi. *Miss. Agr. Expt. Sta. B.* 630.
- CCOKE, R. T., Jr. 1961. An Economic Analysis of Factors Affecting Water Loss in Irrigation Channels in the Yazoo-Mississippi Delta. *Miss. Agr. Expt. Sta. B.* 626.
- CROWE, Grady B. 1964. Changes in Technology as they Affect Cotton Production Costs. *Proc. Beltwide Cotton Production-Mechanization Conf., Nat. Cotton Council.*
- CROWE, Grady B. 1964. Advanced Technology and What It Means to Efficient Cotton Production. Presented before the Anniversary Mtg. of the Amer. Cotton Cong.
- DEAN, G. W., JOHNSON, S. S. and CARTER, H. O. 1963. Supply Functions for Cotton in Imperial Valley, California. *Agr. Econ. Res.* 15(1).
- DELTA SUBCOMMITTEE. 1961. Budgets for Major Farm Enterprises in the Mississippi River Delta of Arkansas, Louisiana, and Mississippi. *Miss. Agr. Expt. Sta. AEc M. R.* 30. Mimeo.
- ELLIS, Theo H., and PARTENHEIMER, Earl J. 1960. Costs and Returns from Livestock Production in the Limestone Valley Areas of Alabama. *Ala. Agr. Expt. Sta. ERS Unnumb.*
- FREEMAN, B. G. ROGERS, R. H. and MOORE, D. S. 1965. Production and Requirements, Costs and Expected Returns for Crop and Livestock Enterprises, Rolling Blackland Soils of the Central Blackland Prairie of Texas. *Tex. Agr. Expt. Sta. MP-752.*
- GOODWIN, J. W., PLAXICO, J. S. and LAGRONE, W. F. 1963. Aggregation of Normative Microsupply Relationships for Dryland Crop Farms in the Rolling Plains of Oklahoma and Texas. *Okla. Agr. Expt. Sta. T-103.*
- GREVE, R. W., PLAXICO, J. S., and LAGRONE, W. F. 1961. Resource Requirements, Costs, and Expected Returns; Alternative Crop and Livestock Enterprises; Rolling Plains, Northwestern Oklahoma. *Okla. Agr. Expt. Sta. Proc. Ser. P-390.*
- HALL, H. H., CONNOR, L. J., WALKER, O. L. and LAGRONE, W. F. 1963. Resource Requirements, Costs, and Expected Returns. Alternative Crop and Livestock Enterprises; Oklahoma Panhandle. *Okla. Agr. Expt. Sta. Proc. Ser. P-459.*
- HATCH, Roy E., TEFERTILLER, K. R., MOORF, D. S. and ROGERS, Rnlph II. 1964. Production and Production Requirements, Costs and Expected Returns - Cotton, Grain Sorghum and Major Fresh Market Vegetable Crops on Clay Soils-Lower Rio Grande Valley of Texas. *Tex. Agr. Expt. Sta. MP-694.*
- HATCH, Roy E. and MOORE, D. S. 1964. Production and Production Requirements, Costs and Expected Returns - Cotton, Grain Sorghum and Major Fresh Market Vegetable Crops on Loam Soils - Lower Rio Grande Valley. *Tex. Agr. Expt. Sta. MP-719.*
- HUBBARD, J. W. 1965. Effects of Varying Tobacco Allotments and Prices. *Clemson U. Agr. Res.* 12(1).
- HUGHES, W. F., and MAGEE, A. C. 1966. Some Economic Effects of Adjusting to a Changing Water Supply. *Tex. High Plains. Tex. Agr. Expt. Sta. B.* 966.

- HUGHES, Wm. F., and MAGEE, A. C. 1961. Income Possibilities From Irrigated Castor Beans, Texas High Plains. *Tex. Agr. Expt. Sta. M. P.* 493.
- JONES, Gary C., STRICKLAND, P. L., Jr. and PARTENHEIMER, Earl J. 1965. Minimum Openland Requirements for a \$5,000 Farm Income, Wiregrass Area (Lower Coastal Plains). *Ala. Agr. Expt. Sta., Agr. Econ. Series* 6.
- LAGRONE, W. F., STRICKLAND, P. L., Jr., and PLAXICO, J. S. 1961. Resource Requirements Costs and Expected Returns; Alternative Crop and Livestock Enterprises, Sandy Soils of the Rolling Plains of Southwestern Oklahoma. *Okla. Agr. Expt. Sta. Proc. Ser.* P-369.
- LANHAM, W. J., BURCH, T. A., and BUTLER, C. P. 1962. An Economic Appraisal of Part-time Farming in the Piedmont Area of South Carolina. *S. C. Agr. Expt. Sta. B.* 492.
- MARTIN, J. R., LAGRONE, W. F., PLAXICO, J. S. and CONNOR, L. J. 1964. Effect of Changes in Product Price Relationships on Farm Organizations and Income - Clay Soils Farm - Southwestern Oklahoma. *Okla. Agr. Expt. Sta. B.* 621.
- MARTIN, J. R., LAGRONE, W. F. and PLAXICO, J. S. 1964. Effect of Product Prices on Farm Organization and Income - Sandyland Farms - Southwestern Oklahoma. *Okla. Agr. Expt. Sta. B.* 625.
- McARTHUR, W. C., SAUNDERS, F. B., and STEANSON, O. 1962. Budgets for Selected Crop and Livestock Enterprises, Economic Areas 7A and 7B, Coastal Plain Area of Georgia. *Ga. Agr. Expt. Sta. Mimeo Ser.* NS-133.
- McARTHUR, W. C., SAUNDERS, F. B. and FORTSON, J. C. 1964. Optimum Organizations for General Crop and Crop-livestock Farms, Southwest Coastal Plain Area, Georgia. *Ga. Agr. Expt. Sta. B. N.S.* 118.
- MOORE, D. S., TEFERTILLER, K. R., HUGHES, W. F. and ROGERS, R. H. 1964. Production and Production Requirements, Costs and Expected Returns for Crop Enterprises - Medium-Textured (mixed) soils - High Plains of Texas. *Tex. Agr. Expt. Sta. MP-695.*
- MOORE, D. S. and ROGERS, R. H. 1965. Production and Production Requirements, Costs and Expected Returns for Crop Production on Well-drained Clay and Clay Loam Soils, Coastal Prairie of Texas. *Tex. Agr. Expt. Sta. MP-756.*
- PARTENHEIMER, E. J., and CLARK, G. W. 1961. Costs and Returns from Livestock Production in the Wiregrass Area (lower Coastal Plains) of Alabama. *Ala. Agr. Expt. Sta. Mimeo Rpt.*
- PARTENHEIMER, Earl J. and STRICKLAND, P. L., Jr. 1964. Optimum Farm Organization and Aggregate Area Production, Wiregrass Area of Alabama. *Ala. Agr. Expt. Sta., Agr. Econ. Ser.* 3.
- REICHARDT, A. W., LAGRONE, W. F., and TWEETEN, L. G. 1964. Resource Requirements, Costs and Expected Returns; Alternative Crop and Livestock Enterprises; Major Bottomland Soils of East Central and South Central Oklahoma. *Okla. Agr. Expt. Sta. Proc. Ser.* P-476.
- STEANSON, Oscar, SAUNDERS, Fred B., and McARTHUR, W. C. 1961. Selected Crop and Livestock Budgets, Piedmont Area of Georgia. *Ga. Agr. Expt. Sta. Mimeo Ser.* NS-127.
- 5. Appraisal of Adjustments in Wheat Areas**
- ANDERSON, J. C. 1964. A Supply Response Study: Methodology and Practical Considerations. (1963) *Ann. Proc. of Western Farm Econ. Assn.*
- BAILEY, Warren R., and AINES, Ronald O. 1961. How Wheat Farmers Would Adjust to Different Programs. *PRR* 52.
- BAILEY, Warren R. 1961. Farm Production, Trends, Prospects and Programs. *Wheat Production Section. AIB* 239.
- BAILEY, Warren R., and MYRICK, D. C. 1961. Alternating Farming Programs - Effects on Individual Farms. *Proc. Great Plains Agr. Council Ann. Mtg.*
- BAILEY, Warren R. 1961. Farming Problems in the Plains and their Implications to Economic Research. In *Management Strategies in Great Plains Farming*, Great Plains Council Pub. No. 19. *Nebr. Agr. Expt. Sta.*
- BAILEY, Warren R. 1962. Economics of Stubble-Mulch Farming. *Proc. Great Plains Agr. Council Workshop on Stubble-Mulch Farming.* Lincoln, Nebr.
- BOSTWICK, Don, ESMAY, James, and RODEWALD, Gordon. 1961. Attitudinal Research Relating to Farmers' Use of Short-term Credit. *ERS-25.*
- BOSTWICK, Don, ESMAY, James, and RODEWALD, Gordon. 1961. Agricultural Production Credit in Montana. *Mont. Agr. Expt. Sta. C.* 233.
- BOSTWICK, Don. 1961. Probability Analysis of Yield Data, and Research on Financial Management of Farms. In *Management Strategies in Great Plains Farming.* *Nebr. Agr. Expt. Sta. Great Plains Council Pub. No.* 19.
- BOSTWICK, Don. 1962. Yield Probabilities as a Markov Process. *Agr. Econ. Res.* 14(2).
- ESMAY, James L. 1961. Efficient Resource Combinations on Dryland Farms in Southeastern Idaho. *Idaho Agr. Expt. Sta. B.* 355.
- KRENZ, R. D. 1963. How Many Farms in North Dakota in Year 1975? In Year 2000? *N. D. Farm Res.* 23(1).
- KRENZ, R. D. 1964. Planning Production with Voluntary Diversion Programs. *N. Dak. Agr. Expt. Sta. B.* 449.
- KRENZ, R. D. 1964. Projection of Farm Numbers for North Dakota with Markov Chains. *Agr. Econ. Res.* 16(3).
- KRENZ, R. D. 1964. Paired Comparisons as Applied to Seeding Cropland to Grass. Presented at *Ann. Mtg., Amer. Farm Econ. Assn., Purdue U.*
- KRENZ, Ronald D. 1964. Paired Comparisons as Applied to Seeding Cropland to Grass. *J. Farm Econ.* 46(5):1219-1226.
- KRENZ, Ronald D. 1965. How Many Tractors on Your Farm? *N. Dak. Farm Res.* 23(12).
- KRENZ, Ronald D. 1965. Seeding Cropland to Grass. *N. Dak. Farm Res.* 23(9).
- KRENZ, Ronald D. 1965. Selected Characteristics of North Dakota Farms. *N. Dak. State U., Agr. Econ. Rpt.* 38.
- KRENZ, Ronald D. 1965. What Can You Pay For Farmland? *N. Dak. Farm Res.* 23(12).
- MILLER, T. A., and NAUHEIM, C. W. 1964. Linear Programming Applied to Cost Minimizing Farm Management Strategies. *J. Farm Econ.* 46(3):556-566.
- RUDE, Leroy C. 1961. Land Use Alternatives for Dryland Grain-Livestock Operators in North Central Montana. *Mont. Agr. Expt. Sta. Dept. of Agr. Econ. (Mimeo.)*
- RUDE, Leroy C. 1961. Land Use Alternatives for Dryland Grain-Livestock Operators in Northeastern Montana. *Mont. Agr. Expt. Sta. Dept. of Agr. Econ. (Mimeo.)*
- RUDE, Leroy, C. 1961. Land Use Alternatives for Dryland Grain-Livestock Operators in South Central Montana. *Mont. Agr. Expt. Sta. Dept. of Agr. Econ. (Mimeo.)*
- RUDE, LeRoy C. 1962. Land Use Alternatives for Dryland Grain-Livestock Operators, South-Central Montana. *Mont. Agr. Expt. Sta. B.* 570.
- RUDE, LeRoy C. 1962. Land Use Alternatives for Dryland Grain-Livestock Operators, North-Central Montana. *Mont. Agr. Expt. Sta. B.* 571.
- RUDE, LeRoy C. 1962. Land Use Alternatives for Dryland Grain-Livestock Operators, Northeastern Montana. *Mont. Agr. Expt. Sta. B.* 572.
- SCHNITTKER, John A., and UPCHURCH, M. L. 1961. Alternative Farm Programs and the Wheat Situation. *Proc. Great Plains Agr. Council Ann Mtg., Bozeman, Mont.*
- SITLER, Harry G. 1964. Costs of Farm Machinery on Eastern Colorado Wheat Farms. *Colo. Agr. Expt. Sta. B.* 521-S.
- SITLER, Harry G. 1964. Cost of Selected Sizes and Types of Farm Machinery on Colorado Wheat Farms. *Colo. Agr. Ext. Serv. Unnumb.*
- STIPLER, H. H., and CASTLE, E. N. 1961. Wheat Farming in the Columbia Basin of Oregon. Part 1. Major Characteristics of Agriculture. *Oreg. Agr. Expt. Sta. B.* 577.
- STIPLER, H. H., and CASTLE, E. N. 1961. Wheat Farming in the Columbia Basin of Oregon. Part 2. Costs and Returns on Specialized Wheat-Summer Fallow Farms. *Oreg. Agr. Expt. Sta. B.* 578.
- STIPLER, H. H., and CASTLE, E. N. 1962. Wheat Farming in the Columbia Basin. Part 3. Impact of Proposed Wheat Programs on a Specialized Wheat-Summer Fallow Farm. *Oreg. Agr. Expt. Sta. B.* 583.

- TIX, Paul E., ANDERSON, D. O., LOFTSGARD, L. D. and KRENZ, R. D. 1965. Production Adjustments - A Case Study of Six South Central North Dakota Farms. N. Dak. Agr. Expt. Sta. B. 456.
- ULLRICH, Erwin O., Jr., and LOFTSGARD, Laurel D. 1962. Farm Characteristics for North Dakota by Economic Area. N. Dak. Agr. Expt. Sta. AER 23.
- 6. Appraisal of Adjustments in Rice Areas**
- GERLOW, Arthur. 1963. Water Planting Rice in Southwest Louisiana. La. Rural Economist, 25(2).
- GERLOW, A. R., MULLINS, T. and CAMPBELL, J. R. 1964. Enterprise Costs and Returns, Southwestern Louisiana Rice Area. La. State U. D.A.E. Res. Rpt. 335.
- GERLOW, A. R., and CAMPBELL, J. R. 1965. Enterprise Costs and Returns for Beef Cattle, Southwestern Louisiana Rice Area. La. State U. d.a.e. Res. Rpt. 337.
- GRANT, Warren R. and MULLINS, Troy. 1963. What Size Rice-Soybean Farm? Jan.-Fed. Ark. Farm Res.
- GRANT, Warren R. and MULLINS, Troy. 1963. An Economic Appraisal of Adjustments in Southern Rice Producing Areas. The Rice J. Ann. Issue.
- GRANT, Warren R. and MULLINS, Troy. 1963. Enterprise Costs and Returns on Rice Farms in the Grand Prairie, Arkansas. Ark. Agr. Expt. Sta., Rpt. Ser. 119.
- GRANT, W. R., and MULLINS, Troy. 1963. Enterprise Costs and Returns on Rice Farms in the Northeast Arkansas Rice Area. Ark. Agr. Expt. Sta. Rpt. 125.
- GRANT, W. R. and MULLINS, Troy. 1964. An Economic Appraisal of Enterprise Adjustments on Rice Farms. The Rice J. 67(7).
- GRANT, W. R. and MULLINS, Troy. 1965. Adjustments on Rice Farms to Changing Conditions, Northeast Arkansas Rice Area. Ark. Agr. Expt. Sta. Rpt. Ser. 137.
- GRANT, W. R. and MULLINS, Troy. 1965. Adjustments on Rice Farms to Changing Conditions, Grand Prairie, Arkansas. Ark. Agr. Expt. Sta. Rpt. Ser. 134.
- HALL, V., BRYAN, Billy, ENGLER, Kyle, GRANT, W. R. and MULLINS, Troy. 1963. Plastic Levees in Rice Irrigation. The Rice J. 66(13).
- HALL, Vernon, BRYAN, Billy, ENGLER, Kyle, and Others. 1963. Plastic Levees in Rice Irrigation. Jan.-Feb. Ark. Farm Res.
- HALL, V., BRYAN, B. B., GRANT, W. R. and MULLINS, Troy. 1965. Plastic Levees for Rice Irrigation in Arkansas. Ark. Farm Res. 14(1).
- MULLINS, Troy. 1964. Some Effects of Advanced Technology and of Prices Received on Adjustments in Resource Use on Rice Farms. Presented at biennial meeting, Rice Technical Working Group.
- 7. Appraisal of Adjustments in Feed-Livestock Areas**
- BOYKIN, D. C., CATON, D. D., and GRAY, J. R. 1962. Drought and Ranch Production Adjustments in Eastern N. Mex. N. Mex. Agr. Expt. Sta. (Mimeo.)
- BOYKIN, Calvin C. 1964. Cattle Ranch Adjustments to Drought in the Southern Plains. Tex. Agr. Expt. Sta., Dept. Inf. Rpt. 64-2.
- BOYKIN, C. C., GRAY, J. R. and CATON, D. D. 1962. Range Production Adjustments to Drought in Eastern N. Mex. N. Mex. Agr. Expt. Sta. B. 470.
- CATON, D. D. 1961. Adjustments in the Range Livestock Industry. Rpt. 3, Proc. Western Agr. Econ. Res. Council Mtg. Fort Collins, Colo.
- CATON, D. D. 1962. Public Land Grazing . . . How Much is it Worth? Western Livestock J. 40(3).
- CATON, D. D. 1962. Economic Research in Range Management. In Range Res. Basic Problems and Techniques, Natl. Acad. Sci., Natl. Res. Council Pub. 890.
- CATON, D. D., and Others. 1962. Economic Analysis of Range Improvement. A Guide to Western Ranches. Giannini Found. Res. Rpt. 255. Berkeley, Calif.
- CATON, D. D. 1962. Background of Conflict in the Management of Chaparral Lands: The Social and Economic Aspects. In Man, Fire and Chaparral. Wildlands Res. Center, Calif. U.
- CATON, D. D., McCORKLE, C. O., Jr., and McCONNEN, R. J. 1963. Feed-Livestock Relationships: a Model for Analyzing Management Decisions. Agr. Econ. Res. 15(2).
- CORNELIUS, G. L. 1964. Comparison of Alternative Beef Cattle Systems for Western South Dakota ranches. S. Dak. Agr. Expt. Sta., Agr. Econ. Pam. 117.
- EGBERT, Alvin C., HEADY, Earl O. and BROKKEN, Ray. 1964. Regional Changes in Grain Production - an Application of Linear Programming. Iowa Agr. Expt. Sta. Res. B. 521.
- FINLEY, R. M. and JOHNSON, R. D. 1963. Changes in the Cattle Feeding Industry in Nebraska. Nebr. Agr. Expt. Sta. B. 476.
- FINLEY, Robert M., JOHNSON, Ralph D., COOK, Neil R., and LANGEMEIER, Larry N. 1965. Farm Investments - What Rate of Return? Nebr. U., College of Agr. and Home Econ. Quart. 12(2).
- HEAGLER, A. M., COOKE, F. T., Jr., and CROWE, G. B. 1962. The Economics of Beef Cattle Production in the Yazoo-Mississippi Delta. Miss. Agr. Expt. Sta. B. 631.
- HEAGLER, Arthur M., CROWE, Grady B., and COOKE, Fred T., Jr. 1962. The Economics of Pasture Yields in Beef Cattle Production in the Yazoo-Mississippi Delta. Miss. Agr. Expt. Sta. B. 649.
- HUNTER, Elmer C. 1963. Coordinated Livestock Marketing as an Integrated Operation. Amer. Coop. 1963. Proc. Amer. Inst. of Coop.
- HUNTER, Elmer C. 1963. Changing Beef Production Patterns in the United States. Presented at Nov. Amer. Soc. of Agronomists Mtg. Denver, Colo. Published in Western Livestock J. Jan 1964.
- HUNTER, Elmer C. 1963. Changes in the Cattle-Feeding Industry Along the North and South Platte Rivers 1953-1959. ERS-98.
- JOHNSON, Ralph D. 1965. Cattle Feeding Growing, Changing in State. U. of Nebr., College of Agriculture and Home Econ. Quar. 12(2).
- KEARL, Willis G. 1961. Cattle Ranching in the Northern Plains Area of Wyoming. Wyo. Agr. Expt. Sta. C. 155.
- McCORKLE, C. O., MURPHY, A. H., RADER, Lynn, and CATON, D. D. 1964. Cost of Tree Removal Through Chemicals. Sept. Issue Range Mgmt.
- PAWSON, Walter W. 1964. Emerging Patterns of Feedlot Management in the Southwest, and Interregional Competition in the Location of Cattle Feeding. Proc. Mar. Cattle Feeding Res. Workshop, Denver, Colo.
- SHARPLES, J. A. and TOMPKIN, J. R. 1963. The Effect of the 1961 Feed Grain Program on West Central Ohio Farms. Ohio Agr. Expt. Sta. B. 947.
- SKOLD, M. D., EPP, A. W., and HUGHES, H. G. 1965. Profit Maximizing Farm Plans for Farms in Southeastern Nebraska: By Type and Size of Farm. Nebr. Agr. Expt. Sta. Res. B. 219.
- SKOLD, M. D. and EPP, A. W. 1965. Southeast Nebraska - Increasing Farm Profits. Nebr. U., Col. of Agric. and Home Econ. Quart.
- TOMPKIN, J. R. and RAFELD, J. F. 1964. Economic Evaluation of Actual and Optimal Adjustments in Resource Use on 160-Acre Farms in West Central Ohio, 1956-1959. Ohio Agr. Expt. Sta. Res. B. 965.
- VAN ARSDALL, R. N. 1961. Economic Justification for Livestock Mechanization. Transactions Americal Soc. Agr. Engin. 4(1).
- VAN ARSDALL, R. N. 1961. Labor Requirements in Design and Analysis of Hog Production Systems. Amer. Soc. Agr. Engin. Paper 61.
- VAN ARSDALL, R. N. 1962. Economic Requirements of Systems Farming. Ill. U., Dept. Agr. Econ. AE 3727.
- VAN ARSDALL, R. N. 1962. Economics of Mechanization in Livestock Production III. U., Dept. Agr. Econ. AE 3729.
- VAN ARSDALL, R. N. 1962. Liquid manure: A Waste Product or Valuable Fertilizer? Ill. U., Dept. Agr. Econ. FMFO-246.
- VAN ARSDALL, R. N. 1962. The Economic Value of Manure from Confinement Finishing of Hogs. Ill. Agr. Expt. Sta. B. 687.
- VAN ARSDALL, R. N. 1962. Economics of Mechanization in Livestock Production. J. Amer. Soc. Farm Managers Rural Appraisers 27(1).

8. Appraisal of Agricultural Policies and Programs

- BUTCHER, W. R., HEADY, E. O. and RIGLER, L. G. 1964. The Conservation Reserve in South-Central Iowa. Iowa Agr. Expt. Sta. Res. B. 525.
- HEADY, Earl O., SKOLD, Melvin D., WHITTLESEY, Norman K. and HOLST, Dean. 1964. Regional Impact of Retiring Whole Farms. Iowa Farm Sci. 19(4).
- HOOVER, Dale and AINES, Ronald O. 1965. The 1962 Feed Grain Program in the Central Coastal Plain of North Carolina. N. C. Agr. Expt. Sta. AEI-118.
- JOHNSON, R. D. 1962. The Conservation Reserve Program in Nebraska. Nebr. Agr. Expt. Sta. SB-470.
- McARTHUR, W. C. 1961. The Conservation Reserve Program in Georgia - its Effects in the Piedmont and Coastal Plain. ERS-31.
- PAULSEN, Arnold, HEADY, Earl O., BUTCHER, Walter R., and BAUMANN, Ross V. 1961. Potential Effect of Soil Bank and Corn Allotment Programs on Income and Resource Use, Southern Iowa Agr. Expt. Sta. PRR 48.
- TAYLOR, Marlowe M. 1961. The Conservation Reserve Program in New Mexico. N. Mex. Agr. Expt. Sta. Res. Rpt. 54.
- VERMEER, James and AINES, Ronald O. 1964. The Pilot Cropland Conversion Program Accomplishments in its First Year, 1963. AER-64.
- VERMEER, James. 1965. The 1962 Feed Grain Program in the Pacific Northwest (an appraisal of the barley program). ERS-Unnumb.
- WHITTLESEY, Norman K. and HEADY, Earl O. 1964. Linear Programming Models Applied to Interregional Competition and Policy Choices of U. S. Agriculture. Proc. 1963 Winter Mtg. Econometric Soc.
- WHITTLESEY, Norman K. and SKOLD, Melvin D. 1964. Production Quotas and Land Values: Importance of the Dual in a Spatial Linear Programming Problem. J. Amer. Farm Econ. Assn 46(5).
- WHITTLESEY, Norman K. and CAGLE, Arthur. 1965. Economic Analysis of Wheat Program Choices. Wash. State U. EM2567.

B. ECONOMICS OF FARM MANAGEMENT AND CONSERVATION PRACTICES

1. Economics of Farm Management Practices

- BOSTWICK, Don. 1962. Yield Probabilities as a Markov Process. Agr. Econ. Res. (14)2.
- BOSTWICK, Don. 1963. Studies in Yield Variability. Mont. Agr. Expt. Sta. B. 574.
- BURBEE, Clark R. and FRICK, George E. 1962. Capital Accumulation Potential of Broiler Growers. N. H. Agr. Expt. Sta. 475.
- CLAYTON, Joe E., SHAW, C. Scott and LINDSEY, M. M. 1963. Recovery of Field-Loss Cotton-Field Practices, Costs, and Ginning in the Mississippi Delta. Ann. Mtg. Amer. Soc. Agr. Engin., Paper 63-128, Miami Beach, Fla.
- CONNOR, L. J. and WALKER, O. L. 1965. Potential Long-Run Adjustments for Oklahoma Panhandle Farms. Okla. Agr. Expt. Sta. B. T-114.
- COOKE, T. F., Jr., and HEAGLER, A. M. 1964. An Economic Appraisal of Skip-Row Cotton Planting in the Yazoo-Mississippi Delta. Miss. Agr. Expt. Sta. B. 697.
- COTNER, M. L. 1963. Controlling Pinyon-Juniper on Southwestern Range-Lands. Ariz. Agr. Expt. Sta. Rpt. 210.
- DAVAN, C. F., Jr., and Others. 1962. Fertilizer Use in Colorado. Presented at Tenth Ann. Fertilizer Conf., Colo. State U.
- DAVAN, C. F., Jr., and Others. 1962. Fertilizer Use and Trends on Principal Crops in Colorado. Colo. Agr. Expt. Sta. GS B. 771.
- DAVAN, C. F., Jr., ANDERSON, R. L., and HARTMAN, L. M. 1963. Agricultural Characteristics and Fertilizer Practices in the Cache La Poudre-South Platte Irrigation Area of Northeastern Colorado. Colo. Agr. Expt. Sta. TB 78.
- DAVAN, C. F., Jr. and ANDERSON, R. L. 1963. Economic Analysis of Phosphate Fertilizer on Irrigated Alfalfa in Northeastern Colorado. Colo. Agr. Expt. Sta. TB 80.
- DAVIS, V. W. 1961. Check the Farm Lease When you Change to Field Shelling and Drying Com. Ill. U., Dept. Agr. Econ. AER-47.
- DAVIS, V. W. 1962. Type, Manufacturer, and Year of Purchase of Field Shellers, Mechanical Driers, and Moisture Testers used by 244 Farmers Who Field Shelled and Dried Corn, Illinois, 1959. Ill. U., Dept. Agr. Econ. AE-3775.
- DAVIS, V. W. 1962. Effect of On-Farm Drying on Storage and Quality of Grain. Ill. U., Dept. Agr. Econ. AE-3828.
- DAVIS, V. W. 1963. Corn: Sell at Harvest or Store? Ill. U., Dept. Agr. Econ. FMFO Letter 63-14.
- DAVIS, V. W. 1963. Economic Considerations in Choosing a Corn Harvesting Method. Ill. U., Dept. Agr. Econ. AER-63.
- DAVIS, V. W. and ANDREW, F. W. 1963. Batch-in-bin Drying. Ill. U., Dept. Agr. Econ. FMFO Letter 63-13.
- DAVIS, V. W. 1964. Costs of Storing Shelled Corn on Farms. Proc. Agr. Industries Forum, Ill. U.
- DAVIS, V. W. 1964. Sharing Costs of Field Shelling, Drying, and Storing Corn. Proc. Ann. Mtg. Ill. Farm Managers and Rural Appraisers.
- DAVIS, V. W. 1964. Wet Corn - Shelled or Ground Ear. Ill. U., Dept. Agr. Econ. AE-3997.
- DAVIS, V. W., Beaty, H. H., and SHOVE, G. C. 1965. Drying Shelled Corn. Ill. U., Expt. Sta. Cir. 916.
- GIANNINI FOUNDATION. 1962. Economic Analysis of Range Improvement: A Guide to Western Ranchers. Calif. Agr. Expt. Sta. Rpt. 255.
- HALL, H. H., CONNOR, L. J., WALKER, O. L., and LAGRONE, W. F. 1964. Short-run Adjustment Opportunities for Oklahoma Panhandle Farmers. Okla. Agr. Expt. STA. B. T-112.
- LANGSFORD, E. L. 1964. Extent and Costs of Using Chemicals in Cotton Production, Selected Areas. ERS-155.
- LINDSEY, M. M. 1963. An Economic Analysis of Custom Work on Farms in the Yazoo-Mississippi Delta. Miss. Agr. Expt. Sta. B. 667.
- LINDSEY, M. M. 1964. Effect of Harvesting Conditions on Cotton Quality in the Yazoo-Mississippi Delta. Miss. Agr. Expt. Sta. B. 695.
- LINDSEY, M. M. 1964. The Effect of Harvesting Conditions on Cotton Quality in the Yazoo-Mississippi Delta. Miss. Farm Res. 27(8).
- MICHALSON, E. L., and McALEXANDER, R. H. 1962. Economics of Fertilization and Use of Idle Land on Selected Northeastern Pennsylvania Dairy Farms. Pa. Agr. Expt. Sta. B. 690.
- NODLAND, T. R. Annual Report Southeastern Minnesota Farm Management Service. 1962 Minn. Agr. Econ. Rpt. 270
1963 Minn. Agr. Econ. Rpt. 275
- NODLAND, T. R. Annual Report of Southwestern Minnesota Farm Management Service. 1962 Minn. Agr. Econ. Rpt. 269
1963 Minn. Agr. Econ. Rpt. 276
- PARKER, R. E., CLAYTON, J. E., and LINDSEY, M. M. 1963. Efficiency of Picker Related to Cotton Yield. Miss. Farm Res. 26(8).
- SHAW, C. Scott, CLAYTON, Joe E., and LINDSEY, M. M. 1964. Cotton Gleaning. The Cotton Gin and Oil Mill Press 65(8).
- SITLER, Harry G. 1964. Costs of Farm Machinery on Eastern Colorado Wheat Farms. Colo. Agr. Expt. Sta. B. 521S.
- STRICKLAND, P. L. and TURNER, Charles C. 1963. Cotton Insect Control and Related Production Practices, Limestone Valley Area of Alabama. Ala. Dept. Agr. Econ. Agr. Econ. Mimeo.
- THORFINNSEN, T. S. and EPP, A. W. 1963. Cost of Operating Tillage and Harvesting Machinery in Nebraska. Nebr. Agr. Expt. Sta. B. 475.
- THORFINNSEN, T. S. and EPP, A. W. 1964. Cost of Operating Tractors in Nebraska, 1961. Nebr. Agr. Expt. Sta. SB-480.
- VAN ARSDALL, Roy N. 1963. Guides for Use in Planning Beef Feeding Systems. Ill. U. Dept Agr. Econ. AE-3971.
- VAN ARSDALL, Roy N. 1963. The Effect of Unit Size on Cattle Feeding Profits. Ill. U., Dept. Agr. Econ. AE-3903.
- VAN ARSDALL, Roy N. 1963. Producing Beef in a 1,000 Head Capacity System. Ill. U., Dept. Agr. Econ. AE-3974.
- VAN ARSDALL, Roy N. and HINTON, R. A. 1964. Guides for Use in Planning Hog Production Systems. Ill. U., Dept. Agr. Econ. AE-3973.

- VAN ARSDALL, Roy N. 1964. Emerging Patterns of Feedlot Management in the Midwest. Ill. U., Dept. Agr. Econ. AE-3999.
- VAN ARSDALL, R. N. 1964. Processing and Distribution of Feeds for Hogs Produced in Confinement. Ill. U., Dept. Agr. Econ. AERR-72.
- VAN ARSDALL, R. N. 1964. Some Adjustments Made by Early Adopters of Confinement Production of Hogs. Ill. U., Dept. Agr. Econ. AE-4029.
- VOELKER, S. W. and NORDBO, M. T. 1962. Statistics on Fertilizer Consumption in North Dakota. N. Dak. Agr. Expt. Sta. Agr. Econ. Rpt. 25-
- WALCH, H. N. and NODLAND, T. R. 1964. Cost and Return from Feeding Cattle, 1962-63. U. Minn. Rpt. 277.

2. Economics of Conservation Practices

- ANDERSON, J. C., HEADY, E. O., and SHRADER, W. D. 1963. Profit Maximizing Plans for Soil Conserving Farming in the Spring Valley Creek Watershed in Southwest Iowa. Iowa Agr. Expt. Sta. B. 519.
- CHRISTIANSEN, Rudolph A. and STANFORTH, Sydney D. 1964. The Economic Implications Associated with Proposed Land Use Changes in the Wisconsin Twin Parks Watershed. Wis. U., Agr. Econ. 39.
- CHRISTIANSEN, Rudolph A. and STANFORTH, Sydney D. 1964. Economic Evaluation of Changes in the Use of Flood Plain Lands (based on a study of the Wisconsin Mill Creek watershed). Wis. U., Agr. Econ. 41.
- COOKE, Fred T., Jr. 1963. The Economics of Supplemental Irrigation in Cotton, Yazoo-Mississippi Delta. Miss. Agr. Expt. Sta. B. 669.
- COTNER, Melvin L. 1962. Criteria and Problems in the Use of Quantitative Analytical Procedures for Public Development Investments. J. Farm Econ. 44(4).
- HUGHES, W. F. and MAGEE, A. C. 1964. Economics of Low Capacity Irrigation Wells, Texas High Plains. Tex. Agr. Expt. Sta. MP-710.
- LANDGREN, N. E., TIMMONS, J. F. and ANDERSON, J. C. 1963. Watershed Protection Through Farm Planning. J. Soil Water Conserv. 18(1).
- STAUBER, M. S., DECKER, W. L., and MILLER, F. 1963. Incidence of Drouth Conditions in Southeastern Missouri. Mo. Agr. Expt. Sta. Res. B. 836.
- STAUBER, M. S. and MILLER, F. 1964. Corn Yield Response to Nitrogen and Irrigation in Southeastern Missouri, 1963. Mo. Agr. Expt. Sta. Spec. Rpt. 39.

C. STRUCTURE OF AGRICULTURE AND ECONOMICS-OF FARM SIZE

1. Vertical Coordination

- DAVIDSON, J. R. 1962. Changes in Coordination of Cattle Feeding. Proc., Aug. Western Farm Econ. Assn. Ann. Mtg., Reno, Nev.
- DAVISON, J. R. and MIGHELL, R. L. 1963. Tracing Farmers' Reactions to Uncertainty. J. Farm Econ. 45(3).
- DAVIDSON, J. R. and MIGHELL, Ronald L. 1964. Research on Coordination of Farm and Nonfarm Stages of Production - The Need is Now. J. Farm Econ. 46(2).
- JONES, L. A., and MIGHELL, Ronald L. 1961. Vertical Integration as a Source of Capital in Farming. In Capital and Credit Needs in a Changing Agriculture. Iowa State U. Press.
- LARSON, Nellie G. 1963. Contract Farming and Vertical Integration, 1953-1962. Natl. Agr. Libr. List 64. Rev.
- MIGHELL, Ronald L. 1964. Research on Coordination in Agricultural Production and Marketing. Presented at Oct. seminar of No. Central Reg. Res. Com. on Econ. of Mktg. (NCR-20) and the Farm Found., Chicago, Ill., Purdue U., Dept. Agr. Econ. NCR-20-64.
- MIGHELL, Ronald L. 1965. Is Agricultural Economics a Science? J. Farm Econ. 47(3).
- MIGHELL, R. L. and JONES, L. A. 1963. Vertical Coordination in Agriculture. AER-19
- MIGHELL, R. L. 1963. Vertical Coordination in Agriculture. The Farm Cost Situation. May 1963.

- MIGHELL, Ronald L., JONES, Lawrence A., and GAVETT, Earle E. 1964. Contract Production of Truck Crops, 12 Selected Areas, United States. ERS-152.

2. Economics of Farm Size and Numbers of Farms

- BARNHILL, H. E. 1962. Resource Requirements on Farms for Specified Operator Incomes. AER 5. Also 1964 AER 5 Rev.
- BREWSTER, J. M. 1961. Beliefs, Values, and Economic Development. J. Farm Econ. 43(4).
- BREWSTER, J. M. 1961. Society Values and Goals in Respect to Agriculture. In "Goals and Values in Agricultural Policy." Iowa State U. Center for Agricultural and Economic Adjustment (CAEA).
- BREWSTER, J. M. 1961. Origin and Goals of Agricultural Policy and Problems. In "Farm Production Trends, Prospects, and Programs." AIB 239.
- BREWSTER, J. M., and WUNDERLICH, G. L. 1961. Farm Size, Capital, and Tenure Requirements. In Adjustments in Agriculture - A National Basebook. Iowa State Press.
- LANHAM, W. J. 1963. Resources Required for Specified Levels of Income Farms, Upper Coastal Plain, South Carolina. S. C. Agr. Expt. Sta., Dept. Agr. Econ. AE-242.
- MADDEN, J. P. and DAVID, Bob. 1965. Economies of Size on Irrigated Cotton Farms of the Texas High Plains. Texas Agr. Expt. Sta. B-1037.
- MOORE, C. V. 1963. A Method of Selecting Least-cost Irrigation Water Distribution Systems. J. Farm Econ. 46(5).
- NIKOLITCH, R. 1962. Family and Larger-than-Family Farms. AER-4.
- NIKOLITCH, R. 1962. Family Labor and Technological Advance in Farming. J. Farm Econ. 44(4).
- NIKOLITCH, R. 1964. Our 100,000 Biggest Farms. AER-49.
- NIKOLITCH, R. 1965. The Expanding and the Contracting Sectors of American Agriculture. AER-74.
- NIKOLITCH, R. 1965. The Adequate Family Farm - Mainstay of the Farm Economy. Agr. Econ. Res. 17(3).
- VAN ARSDALL, Roy N. 1965. Resource Requirements, Investments, Costs and Expected Returns from Selected Beef Feeding and Beef Raising Enterprises in Illinois, 1965. Ill. U., Dept. Agr. Econ. AE-4075.
- VAN ARSDALL, Roy N. 1965. Resource Requirements, Investments, Costs and Expected Returns from Hog Production Systems in Illinois, 1965. Ill. U., Dept. Agr. Econ. AE-4074.

D. FARM CAPITAL, CREDIT AND FINANCIAL CONDITION

1. The Balance Sheet of Agriculture and Financial Outlook

ECONOMIC RESEARCH SERVICE. - The Agricultural Finance Outlook, Annual.

- 1961 Outlook - ARS 43-136
- 1962 Outlook - AFO-1
- 1963 Outlook - AFO-2
- 1964 Outlook - AFO-3
- 1965 Outlook - AFO-4

ECONOMIC RESEARCH SERVICE. - The Balance Sheet of Agriculture, Annual.

- 1961 - AIB 247
- 1962 - AIB 270
- 1963 - AIB 281
- 1964 - AIB 290
- 1965 - AIB 290 Rev.

BIERMAN, R. W., HILL, H. L., ELLICKSON, J. C., and Others. Farming in the Great Plains - A Survey of the Financial and Tenure Situation in 1957 with Supplement. PRR 50.

2. Improvement of Farm Mortgage Credit Facilities

ECONOMIC RESEARCH SERVICE. Farm Mortgage Lending Experiences (Life Insurance Companies, Federal Land Bank and Farm Home Administration) Mar. 1961. ARS. 43-141. Issued approximately quarterly since that date as FML-I through FML-14.

ECONOMIC RESEARCH SERVICE. - Farm Real Estate Debt.

May 1961 - RED-1

May 1963 - FMD-1

Oct. 1963 - FMD-2

Oct. 1964 - FMD-3

ALLEN, P. T. and EITEL, V. E. 1964. The Quality of Farm-Mortgage Loans. Agr. Finan. Rev. 25.

COINER, M. L., WIRTH, M. E., and BRAKE, J. R. 1963. Credit Experience in Purchasing Land. Mich. Agr. Expt. Sta. Quart. B. 45(4).

COTNER, M. L., WIRTH, M. E., and IRVIN, G. D. 1964. Participants in the Land Market - A Profile of Renters, Buyers, and Sellers in Lower Michigan. Mich. Agr. Expt. Sta. Res. Rpt. 12.

EITEL, V. E. 1962. Farm Mortgages Recorded in 1959, Interest Rates, Terms and Sizes with Historical Data, 1949-59. ERS-61.

EITEL, V. E. 1963. Characteristics of Farm Mortgages Recorded January 1 through March 31, 1961. ERS-136.

EITEL, V. E. 1964. Characteristics of Farm Mortgages Recorded January 1 through March 31, 1963. ERS-218.

GARLOCK, F. L. 1964. Our Younger Farmers - Their Status in Agriculture. Agr. Fin. Rev. 25.

HESSER, L. F. and JANNSEN, M. R. 1960. Capital Rationing Among Farmers. Purdue, Ind. Agr. Expt. Sta. Res. B. 703.

HESSER, L. F. 1961. Theoretical Consideration Concerning Supply and Demand for Long-Term Credit in Agriculture. Purdue U. Prod. Econ. Paper 6102.

HESSER, L. F., and JANNSEN, M. R. 1961. Use of Credit by Farmers in Central Indiana. Purdue, Ind. Agr. Expt. Sta. B. 718.

HESSER, L. F. 1963. The Market for Farm Mortgage Credit. Purdue, Ind. Agr. Expt. Sta. Res. B. 770.

SARGENT, R. L., DAVIDSON, J. R., and JONES, L. A. 1964. Availability of Rural Housing Credit in Montana. Mont. Agr. Expt. Sta. B. 586.

WILLIAMS, D., JONES, L. A., and MILLER, F. 1964. Financing Rural Homes in Missouri. Mo. Agr. Expt. Sta. Res. B. 857.

3. Short-Term Credit and Financial Management

BOSTWICK, D., ESMAY, J., and RODEWALD, G. 1961. Agricultural Production Credit in Montana. Mont. Agr. Expt. Sta. C. 233.

BOSTWICK, D., ESMAY, J., and RODEWALD, G. 1961. Attitudinal Research Relating to Farmers' Use of Short-term Credit. ERS-25.

BRAKE, J. R. and WIRTH, M. E. 1964. The Michigan Farm Credit Panel: A History of Capital Accumulation. Mich. Agr. Expt. Sta. Res. Rpt. 25.

CHRISTIANSEN, R. A., HARTWIG, P. A., and STANIFORTH, S. C. 1962. Bank Credit for Agriculture in Wisconsin. Wis. Agr. Expt. Sta. B. 557.

CHRISTIANSEN, R. A., and WOLTER, R. 1964. Statistical Summary With Comparisons - Wisconsin Farmers Home Administration Borrowers. Wis. Agr. Expt. Sta. Mimeo. Rpt.

FERBER, R. 1961. Changes in Asset and Debt Position in a Farm Area. Inter-U. Com. Res. Consumer Behavior, Champaign, Ill., Interim Rpt. 8.

GARLOCK, F. L. and ALLEN, P. T. 1964. Revised Estimates of Non-Real Estate Farm Debt Owed to Nonreporting Creditors and of Total Non-Real-Estate Farm Debt, 1949-64. ERS-191.

GARLOCK, F. L. and ALLEN, P. T. 1964. Technical Appraisal of the 1960 Sample Survey Estimates of Farm Debt. ERS 167.

HAMLIN, E. T., WIRTH, M. E., and NIELSON, J. 1963. Financing Agricultural Production on Michigan Farms. Mich. Agr. Expt. Sta. B. (Unnumb.)

HANSING, F. C. 1962. Contract Egg Production and Use of Credit by Selected Producers in Mississippi. Miss. Agr. Expt. Sta. B. 644.

HEPP, R. E., STANIFORTH, S. C., PETERSON, G. A., and CHRISTIANSEN, R. A. 1963. The Role of Farm and Financial Management in Production Credit Associations in Wisconsin. Wis. Agr. Expt. Sta. B. 565.

LOOMIS, R. A. and WIRTH, M. E. 1962. Financial Progress on Michigan Farms - A Contract Between Part-time and Full-time Farming. Mich. Agr. Expt. Sta. QB 44(4).

WALL, N. J. 1964. Agricultural Credit Conditions in Aroostook County, Maine. Maine Agr. Expt. Sta. Misc. Rpt. 115.

WIRTH, M. E. 1964. Pattern-Analytics: A Method of Classifying Managerial Types. Mich. Agr. Expt. Sta. Quar. B. 47(2).

WIRTH, M. E., and NIELSON, J. 1961. Resource Ownership and Productivity in Michigan Farms. Mich. Agr. Expt. Sta. Spec. B. 435.

WIRTH, M. E. and HAMLIN, E. T. 1963. Financial Progress and Use of Credit on Michigan Farms. Agr. Finance Rev. 24.

WIRTH, M. E., and BRAKE, J. R. 1963. Loans to Farmers 1961. Mich. Agr. Expt. Sta. QB 45(3).

WIRTH, M. E. and BRAKE, J. R. 1964. The Michigan Farm Credit Panel - Cash Flows and Use of Credit - 1961. Mich. Agr. Expt. Sta. Res. Rpt. 8.

WOLTER, R., CHRISTIANSEN, R. A., and STANIFORTH, S. C. 1964. Farm Adjustments Made by Wisconsin Farmers Home Administration Borrowers. Wis. Agr. Expt. Sta. Mimeo Rpt.

E. AGRICULTURAL RISKS AND INSURANCE

1. Improvement of Formers' Mutual Fire, Windstorm, and Crop-Hail Insurance Company Operations

BOTTS, R. R. 1960. What About a Fire Deductible? Mutual Insurance B. 47(11). Republished in Dec. Mutual Insurance J. News, Pa. Assn. of Mutual Insurance Companies.

BOTTS, R. R. 1961. What's Wrong With the Local Mutual? Proc. Eastern Regional Midyear Mtg. Natl. Assn. of Mutual Ins. Co.

BOTTS, R. R. 1962. Advances of Farm Mutual Insurance. Mutual Insurance B. 49(1).

JONES, Lawrence A., and LARSON, Donald K. 1965. Economic Impact of Federal Crop Insurance in Selected Areas of Montana and Virginia. AER 75.

2. Organized Form Fire Protection and Estimation of Annual Form Fire Losses

BOTTS, R. R. 1961. Farm Fire-Loss Statistics. Proc. Natl. Farm Fire Safety Seminar.

BOTTS, R. R. 1961. Rural Fires. Proc. 14th Natl. Institute for Farm Safety.

REINSEL, Edward I. 1965. Farm Fire Losses and Farm Mutual Company Operations. ERS Unnumb.

RUSH, J. D. 1963. Rural Fire Protection Legislation in the United States. ERS Unnumb.

RUSH, J. D. 1964. Farm Fire Losses - 1963. ERS Unnumb.

3. Casualty and Life Insurance (including Social Security) and Accident Prevention for Formers

BOTTS, R. R. 1962. Farmers' Handbook of Financial Calculations and Physical Measurements. AH 230.

ELLICKSON, J. C. 1962. Distribution of Farm Incomes. Agr. Fin. Rev. 23.

PERKINSON, Leon B. 1965. Fatal Accidents on Farms. ERS-245.

REINSEL, Edward I., and ELLICKSON, John C. 1965. Farmers and Social Security. Agr. Fin. Rev. 26.

REINSEL, Edward I. 1965. Agricultural Economics is an Inexact Science. J. Farm Econ. 47(3):849-851.

RUSH, J. D. 1962. Farm Accidents in the United States. AER 17.

RUSH, J. D., and BOTTS, R. R. 1963. Liability and Insurance Protection for Farmers Who Have Income-Producing Recreational Facilities. ERS-120.

RUSH, J. D. 1964. Farm Accident Statistics. ERS Unnumb.

4. Analysis of Risks and Risk-Bearing in Agricultural Production

BOTTS, R. R. 1962. Federal Crop Insurance Tied to a Bushel-Quota Farm Program. J. Farm Econ. 44(3).

BOTTS, R. R. 1963. A Study of Wheat Yields on Individual Tracts in Montana's Dryland Wheat Area, 1941-61, from the Standpoint of Crop-Insurance Ratemarking. Mimeo. ERS Unnumb.

- JONES, Lawrence A. 1965. Farming Risks and Uncertainties. *Agr. Fin. Rev.* 26.
- MYRICK, D. H. and LARSON, D. K. 1963. A Note on "Federal Crop Insurance Tied to a Bushel-Quota Farm Program." *J. Farm Econ.* 45(3).
- RODEWALD, G., Jr. 1961. Crop Insurance in Montana. *Mont. Agr. Expt. Sta. C.* 235.
- 5. Miscellaneous**
- BOTTS, R. R. Revised 1964. *Farmers' Handbook of Financial Calculations and Physical Measurements.* AH 230.
- F. FARMLAND VALUES AND VALUATION**
- 1. Current Developments in the Farm Real Estate Market**
- ECONOMIC RESEARCH SERVICE. - Current Farm Real Estate Market Developments. (CD)
Issued periodically since Feb. 1961 as CD-58 through CD-67.
- GALE, John F. 1962. Land Sellers' Awareness of the Tax on Capital Gains, Great Plains Land Market, 1957. *Agr. Fin. Rev.* 23.
- GALE, J. F. 1963. What Makes Farm Real Estate Prices? *Agr. Fin. Rev.* 24.
- GALE, J. F. 1964. Installment Land Contracts in Financing Farm Real Estate Transfers. *Agr. Fin. Rev.* 25.
- PINE, Wilfred H. and SCOFIELD, W. H. 1961. The Farm Real Estate Market in Kansas. *Kans. Agr. Expt. Sta. B.* 428.
- SCOFIELD, W. H. 1961. The Land Price Paradox. Presented at Annual Mtg. Amer. Farm Econ. Assn.
- SCOFIELD, W. H. 1962. Land Values and Competition for Land. 1962 YB.
- SCOFIELD, W. H. 1963. Investment in Farm Real Estate. *J. Farm Econ.* 45(2):396-406.
- SCOFIELD, W. H. and PRESSLY, T. J. 1965. Farm Real Estate Values in the United States by Counties, 1850-1959. Wash. U. Press.
- SCOFIELD, W. H. May 1961. The Land Market in the Urban Fringe. ERS CD-59.
- SCOFIELD, W. H. Mar. 1962. Market Values for Land for Nonagricultural Purposes. ERS CD-60.
- SCOFIELD, W. H. June 1962. Market Values by Major Classes of Land. ERS CD-61.
- SINGLETON, C. B., Jr. and SCOFIELD, W. H. Mar. 1962. Land Syndication and the Rural-Urban Fringe. ERS CD-60.
- 2. Analysis of Factors Affecting Land Values and Transfers**
- DORNER, P. and SANDRETTO, C. 1963. Resource Adjustments, Income Growth and Tenure, Two Wisconsin Dairy Areas, 1950-60. *Wis. Agr. Expt. Sta. Res. B.* 242.
- DOVRING, Folke and SCOFIELD, W. H. 1963. Farm Real Estate Sales in Illinois. III. *Agr. Expt. Sta. B.* 697.
- GALE, J. F. 1965. How Much is a Crop Allotment Worth? The July Appraisal J.
- SCOFIELD, W. H. 1964. Dominant Forces and Emerging Trends in the Farm Real Estate Market. Presented at Nov. Seminar on Land Prices North Cent. Regional Land Econ. Comm., Chicago.
- SCOFIELD, W. H. 1964. Land Prices and Farm Income Relationships. *Agr. Fin. Rev.* 25.
- SCOFIELD, W. H. 1965. Land Prices and Farm Earnings. The Jan. Appraisal J.
- SCOFIELD, W. H. 1965. Land Returns and Farm Income. *Farm Real Estate Market Dev.* CD-67.
- SINGLETON, C. B., Jr. 1962. Agricultural Rents in Theory and Practice - An Annotated Bibliography. MP 901.
- G. ECONOMICS OF FARM PRACTICES AND TECHNOLOGY**
- 1. Economics of Pesticide Use in Agriculture**
- DAVIS, V. W. 1965. Nationwide Study of Pesticides Use in Agriculture. *Statist. Rptr.* 325.
- STRICKLER, P. E. and HINSON, W. C. 1962. Extent of Spraying and Dusting on Farms, 1958 - With Comparisons. SB 314.
- SUNDQUIST, W. B. 1965. Economic Research on Pesticide Use. *Miss. Farm Bus. Notes* 472.
- 2. Economics of Feed Use and Feed-Livestock Relationships**
- ANDRILENAS, Paul A. 1964. Economic Aspects of Specific Pathogen Free Hog Production. ERS-142.
- BAUMANN, R. V. 1961. Farm Production - Trends, Prospects, and Programs. AIB 239.
- DUBOV, I. and ANDRILENAS, P. A. 1961. Agreements for Producing and Marketing Tennessee Hogs and Feeder Pigs. *Tenn. Agr. Expt. Sta. B.* 335.
- HODGES, E. F. 1960. Livestock Production Units, 1910-1958 and Consumption of Feed by Livestock 1955-1958. SB 275.
- HODGES, E. F. 1963. Livestock Production Units, 1910-1961. SB 325.
- HODGES, E. F. 1961. Animal Units of Livestock Fed Annually, 1909-1960. SB 301.
- HODGES, E. F. 1963. Animal Units of Livestock Fed Annually, 1909-1961. SB 324.
- HODGES, Earl F. 1963. Livestock-Feed Relationships, 1909-1963. SB 337, and 1964 and 1965 Sups.
- HODGES, Earl F. 1964. Consumption of Feed by Livestock, 1940-1959. PRR. 79.
- HODGES, Earl F. and Others. 1965. Feed Use of Urea in the United States. ERS-Unnumb.
- SMITH, E. J. 1961. Custom Feed Grinding and Mixing for the Small Farmers. FCS-34.
- SMITH, E. J. 1961. Farm Production - Trends, Prospects, and Programs. AIB 239.
- SMITH, E. J. 1961. Custom Feed Grinding in Northwestern Illinois. ERS-12.
- 3. Economics of Farm Mechanization and Associated Techniques**
- PARSONS, M. S. 1961. Farm Machinery: a Survey of Ownership and Custom Work. SB 279.
- SMITH, E. J. 1961. Buying Versus Renting a Combine, a Suggested Basis for Decision Making. *Agr. Econ. Res.* 13(4).
- 4. Inventory of Production Practices**
- CSORBA, J. J. and BUTLER, L. G. 1961. Dairy Cows: Housing and Methods of Milking. ERS 15.
- DANIELSON, L. L., ENNIS, W. B., Jr., KLINGMAN, D. L. and Others. 1965. A Survey of Extent and Cost of Weed Control and Specific Weed Problems. ARS 34-23-1.
- DAVAN, C. F., Jr., SCHMEHL, W. R., and STEWART, W. G. 1962. Fertilizer Use and Trends for Principal Crops in Colorado. *Col. State U. Gen. Ser.* 771.
- IBACH, D. B., ADAMS, J. R., and FOX, E. I. 1964. Commercial Fertilizer Used on Crops and Pasture in the United States - 1959 Estimates. SB 348.
- JORDON, M. F. 1961. Fertilizer Used on Crops and Pasture in Illinois - 1959 Estimates. III. *Agr. Expt. Sta. AERR-45.*
- PAWSON, W. W., et al. Committee Report. 1962. Estimated Use of Principal Plant Nutrients in Arizona, 1959. *Ariz. Agr. Expt. Sta. Unnumb.*
- STRICKLER, Paul E. and HARRINGTON, Burton J. 1964. Liquid Petroleum Fuel Used by Farmers in 1959 and Related Data. SB 344
- VOELKER, S. W. and NORDBO, M. T. 1962. Statistics on Fertilizer Consumption in North Dakota. *N. Dak. Agr. Expt. Sta. AER* 25.
- 5. Economics of Fertilizer Use and Crop Technology**
- SOUTHERN SUBCOMMITTEE ON ECONOMICS OF FERTILIZER USE. 1962. The Economics of Fertilizer Use in the South. *N. Car. Agr. Ext. Serv. Ext. Pub.* 10.
- IBACH, D. B. 1961. Dynamics of Land Use: Needed Adjustment. In Economic Potentials of Agriculture Production. Iowa State U. Center. *Agr. Econ. Adjust.* (CAEA) Iowa State U. Press.

- IBACH, D. B. 1961. An Approach to Yield Projections and Aggregation. *J. Farm Econ.* 43(5):1344-1345.
- JORDON, M. F. and BAKER, C. B. 1962. Effects of Fertilizer Programs on the Economic Choice of Crops in Selected Areas of Illinois. *Ill. Agr. Expt. Sta. B.* 683.

6. General

- SCOTT, John T., Jr. 1964. The Measurement of Technology. *J. Farm. Econ.* 46(3):657-661.

H. FARM COSTS AND RETURNS

1. Costs and Returns by Major Types of Forms

- BROWN, W. H. and CATON, D. D. 1961. Cotton Farms, San Joaquin Valley California, Organization, Costs and Returns. 1947-59. AER 3.
- BROWN, W. H. 1962. Peanut-Cotton Farms, Organization, Costs and Returns, Southern Coastal Plains, 1944-60. AER 7.
- ECONOMIC RESEARCH SERVICE. 1964. Net Returns Up On Grade B Wisconsin and Grade A Northeast Typical Dairy Farms, 1963. Aug. Dairy Situation.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Dairy Farms, Northeast and Midwest
FCR-2 1962 - Muck, R. J.
FCR-16 1963 - Cummins, D. E.
FCR-22 1964 - Cummins, D. E.
FCR-30 1965 - Cummins, D. E.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Corn Belt Farms
FCR-6 1962 - Rosenberry, P. E.
FCR-9 1963 - Rosenberry, P. E.
FCR-24 1964 - Rosenberry, P. E.
FCR-34 1965 - Rosenberry, P. E.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Broiler Farms, Delmarva, Maine, Georgia
FCR-13 1963 - Stoddard, E. O.
FCR-26 1964 - Stoddard, E. O.
FCR-33 1965 - Stoddard, E. O. and Jewett, L. J.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Egg-producing Farms, New Jersey
FCR-4 1962 - Stoddard, E. O.
FCR-10 1963 - Stoddard, E. O.
FCR-25 1964 - Stoddard, E. O., II and Carncross, J. W.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Cotton Farms
FCR-8 1962 - Brown, W. H.
FCR-12 1963 - Brown, W. H., Lee, J. E., Jr. and Hole, E.
FCR-20 1964 - Brown, W. H., Lee, J. E., Jr. and Hole, E.
FCR-32 1965 - Hole, E., Strand, E. G., and Csorba, J. J.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Tobacco Farms, Coastal Plains, North Carolina
FCR-3 1962 - Shugars, O. K.
FCR-11 1963 - Shugars, O. K.
FCR-19 1964 - Shugars, O. K.
FCR-29 1965 - Shugars, O. K.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Tobacco-Livestock Farms, Bluegrass Area, Kentucky
FCR-5 1962 - Shugars, O. K. and Bondurant, J. H.
FCR-14 1963 - Shugars, O. K. and Bondurant, J. H.
FCR-23 1964 - Shugars, O. K. and Bondurant, J. H.
FCR-28 1965 - Shugars, O. K. and Bondurant, J. H.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Commercial Wheat Farms, Plains and Pacific Northwest
FCR-7 1962 - Hurd, E. B.
FCR-17 1963 - Hurd, E. B.
FCR-21 1964 - Hurd, E. B.
FCR-31 1965 - Hurd, E. B.
- ECONOMIC RESEARCH SERVICE. - Farm Costs and Returns (FCR)
Western Livestock Ranches
FCR-1 1962 - Goodsell, W. D. and Gray, J. R.
FCR-15 1963 - Goodsell, W. D. and Gray, J. R.

- FCR-18 1964 - Goodsell, W. D. and Gray, J. R.
FCR-27 1965 - Goodsell, W. D. and Gray, J. R.
- GOODSELL, W. D. and Others. Farm Costs and Returns, Commercial Farms, by Type, Size and Location. AIB 230. Issued annually.
- GRAY, J. R. and GOODSELL, W. D. 1961. Cattle Ranches, Organization, Costs and Returns, Southwestern Non-Migratory Grazing Area, 1940-59. *Mont. Agr. Expt. Sta. B.* 557.
- STODDARD, E. O., II. 1964. Costs and Returns, Broiler Farms, Georgia. Poultry and Egg Situation. PES-229.
- WHEELER, R. O. and MCCONNEN, R. J. 1961. Organization, Costs and Returns, Commercial Family-Operated Cattle Ranches. *Mont. Agr. Expt. Sta. B.* 459.

2. Costs of Production of Farm Commodities

- ECONOMIC RESEARCH SERVICE. Farm Cost Situation (FCS). Issued periodically since 1961 as FCS-30 Through FCS-36.
- CHUMNEY, W. T. and VERMEER, James. 1961. The Use and Cost of Tractor Power and Equipment, by Size of Farm, in the Central Cotton-Tobacco Area of North Carolina, 1956. *N. C. Agr. Expt. Sta. AE Inform. Ser.* 82.
- CHUMNEY, W. T. and VERMEER, James. 1962. Costs of Crop Production, by Size of Farm, Central Cotton-Tobacco Area of North Carolina. AER 14.
- HOLE, E. and VERMEER, J. 1963. Wheat Growers' Machinery Costs by Size of Farm in Central North Dakota. AER 24.
- STARBIRD, I. R. and VERMEER, James. 1961. Tractor and Preharvest Equipment, Delta Area, Mississippi. - Costs of Owning and Operating by Size of Farm, 1957. AEF 2.
- STARBIRD, I. R. and VERMEER, J. 1962. Crop Production Practices and Cost by Size of Farm, Delta Area, Mississippi, 1957-58. AER 21.
- VERMEER, James and STARBIRD, I. R. June 1961. Family Farm Records. F. 2167.
- VERMEER, J., HOLE, E. and CHUGG, B. A. 1964. Costs of Farm Machinery in Crop Production in Northwestern Ohio, by Size of Farm. ERS-175.

I. FARM LABOR UTILIZATION AND PRODUCTIVITY

1. Farm Labor Requirements and Use

- ECONOMIC RESEARCH SERVICE. 1962. Man-Hours of Labor Used for Farmwork, by Groups of Livestock and Crops, for Each Farm Production Region, 1939-61. SB 233, also Sup. III issued 1963, 1964, 1965.
- GAVETT, E. E. 1961. Truck Crop Production Practices - Columbia County, Wis. ARS 43-132.
- GAVETT, E. E. 1961. Truck Crop Production Practices - Accomack and Northampton Counties, Va. ERS-45.
- GAVETT, E. E. 1962. Truck Crop Production Practices - Broward and Palm Beach Counties, Florida. ERS-79.
- GAVETT, E. E. 1962. Truck Crop Production Practices - Colquitt County, Georgia. ERS-82.
- GAVETT, E. E. 1963. Truck Crop Production Practices - Cameron and Hidalgo Counties, Texas. ERS-115.
- GAVETT, E. E. 1963. Truck Crop Production Practices - Imperial County, California. ERS-128.
- GAVETT, E. E. 1963. Truck Crop Production Practices - Monterey County, California. ERS-129.
- GAVETT, E. E. 1964. Truck Crop Production Practices - San Joaquin County, California. ERS-166.
- GAVETT, E. E. 1964. Truck Crop Production Practices - Marion County, Oregon. ERS-169.
- GAVETT, E. E. 1964. Truck Crop Production Practices - Yakima County, Washington. ERS-172.
- GAVETT, E. E. 1964. Labor Used to Produce Vegetables, Estimates by States, 1959. SB 341.
- GAVETT, E. E. 1965. Truck Crop Production Practices - Erie County, New York. ERS-207.
- GAVETT, E. E. 1965. Truck Crop Production Practices - Berrien and Van Buren Counties, Michigan. ERS-206.

- HECHT, R. W. 1963. Labor Used to Produce Livestock Estimates by States, 1959. SB 336.
- LLOYD, R. D. and HECHT, R. W. 1959. Overhead Labor on Northern Nevada Cattle Ranches. Nev. Agr. Expt. Sta. B. 209.
- McELROY, R. C. and STRICKLER, P. E. 1961. Methods of Harvesting Hay and Silage Crops - 1959 and Comparisons. ERS-29.
- McELROY, R. C., HECHT, R. W. and GAVETT, E. E. 1964. Labor Used to Produce Field Crops, Estimates by States. SB 346.
- METZLER, W. H. 1964. Helping Displaced Workers Prepare for New Jobs. Progr. Agr. Ariz. 16(2).

2. Form Labor Productivity and Efficiency

- ECONOMIC RESEARCH SERVICE. 1962. Changes in Farm Production and Efficiency. SB 233, Rev. Also Rev. 1963, 1964, 1965.
- ECONOMIC RESEARCH SERVICE. 1962. Index Numbers of Farm Production by Groups of Livestock and Crops for Each Farm Production Region. 1939-61. SB 233. Sup. I. Also Sup. I issued for 1963, 1964, 1965.
- ECONOMIC RESEARCH SERVICE. 1962. Index Numbers of Farm Production Per Man-hour, by Groups of Livestock and Crops, for Each Farm Production Region, 1939-63. SB 233. Sup. IV. Also Sup. IV issued for 1963, 1964, 1965.

3. Economics of Farm Labor Utilization

- LeRAY, N. L. 1961. "Farm Labor on Large Cotton Plantations in the Delta Area of Mississippi." U. S. Dept. Labor. The Labor Market and Employment Security.
- LeRAY, N. L. 1961. Negro Labor in the Delta Area of Mississippi: Supply and Utilization. Proc. Agr. Econ. Rural Sociol./Sec., Feb. Ann. Mtg. Assn. So. Agr. Workers, Jackson, Miss.
- LeRAY, N. L., WEBB, B. R., and CHARLTON, J. L. 1962. Rural People in the Madison County Area, Arkansas: Adjustments 1956-1960. Ark. Expt. Sta. Mimeo. Ser. 113.
- LeRAY, N. L. 1962. "The Impact of Technology on Land Tenure." *In Rural Land Tenure in the United States*, La. State U. Press.
- MAIER, F. H. 1961. The Incidence of Increasing Wage Costs in Farm Production. *J. Farm Econ.* 43(5):1193-1200.
- MAIER, F. H. 1962. Public Policies and Programs Relating to Land Tenure: Labor Policies and Programs. *In Rural Land Tenure in the United States*. La. State U. Press.
- McELROY, R. C. and POWELL, J. V. 1963. Economic Aspects of Pecan Production and Marketing. AER-41.
- METZLER, W. H. and SARGENT, F. O. 1960. Migratory Farm Workers in the Mid-Continent Stream. PRR 41.
- METZLER, W. H. and SARGENT, F. O. 1962. Problems of Children, Youth, and Education Among Mid-Continent Migrant. June South-western Social Sci. Quart.
- METZLER, W. H. 1963. Relocation of the Displaced Worker. *Human Organization* 22(2): 142-145.
- METZLER, W. H. 1964. The Farmworker in a Changing Agriculture. Calif. Agr. Expt. Sta., Giannini Found. Res. Rpt. 277.
- METZLER, W. H. 1965. Farm Mechanization and Labor Stabilization. Calif. Agr. Expt. Sta., Giannini Found. Res. Rpt. 280.

IV. NATURAL RESOURCE ECONOMICS DIVISION

A. ECONOMICS OF LAND UTILIZATION

1. Inventory and Appraisal of Land Supplies and Uses

- ANDERSON, James R. 1961. Toward More Effective Methods of Obtaining Land Use Data in Geographic Research. *Prof. Geog.* 13(6): 15-18.
- ANDERSON, James R., and WOOTEN, Hugh H. 1962. A Graphic Summary of Land Utilization. U.S. Census of Agriculture: 1959. U. S. Bur. of Census. Vol. V, Part 6, Special Rpts.
- FREY, H. Thomas. 1965. State-owned Rural Land, 1962. S. B. 360.
- WILLSIE, Roger H. 1963. The Economics of Classifying Farmland Between Alternative Uses. *Nebr. Agr. Expt. Sta. Res. B.* 208.
- WOOTEN, Hugh H., GERTEL, Karl, and PENDLETON, William C. 1962. Major Uses of Land and Water in the United States: Summary for 1959. *AER* 13.
- WOOTEN, Hugh H. 1965. The Land Utilization Program of 1934-1964, Origin, Development, and Present Status. *AER*-85.

2. Land Requirements, Conservation, and Development

- U. S. DEPARTMENT OF AGRICULTURE. 1965. SOIL AND WATER CONSERVATION NEEDS - A National Inventory. M. P. 971.
- DILL, Henry W., Jr., and BOMBERGER, E. H. 1960. Photo Interpretation in Agriculture in Manual Photographic Interpretation. *Amer. Soc. Photogrammetry.*
- DILL, Henry W., Jr. 1961. Airphoto Analysis in Land Utilization Research. Presented to Third Regional Cartographic Conference of the United Nations for Asia and the Far East. Bangkok, Thailand. USDA Proc.
- PENDLETON, William C. 1965. An Empirical Study of Changes in Land Use at Freeway Interchanges. *Traffic Quart.* 19(1): 89-100.
- REGAN, Mark M. and WOOTEN, Hugh H. 1963. Land Use Trends in Relation to the Urbanization of the Economy. 1963. YB.
- SHRADER, William D. and LANDGREN, Norman E. 1964. Land Use Implications of Agricultural Production Potentials. *In Shifts in Land Use. Nebr. Agr. Expt. Sta. AER* 33.
- STEELE, Harry A. and REGAN, Mark M. 1962. A Review of Current National Plans for Land and Water Use. *J. Farm Econ.* 44(5): 1659-1667.

3. Nonagricultural Land Uses

- CROSSWHITE, William M., and VAUGHN, Gerald F. 1962. Land Use in the Rural-Urban Fringe - A Case Study of New Castle County, Del. *Del. Agr. Expt. S.B.* 340.
- JOHNSON, Hugh A., and DAVIS, Jeanne M. 1962. Private Outdoor Recreation Facilities. ORRRC Study Rpt. 11. GPO.
- JOHNSON, Hugh A., and others. 1962. Potential New Sites for Outdoor Recreation in the Northeast. ORRRC Study Rpt. 8. GPO.
- PENDLETON, William C. 1961. Traffic Engineers are Land Use Planners. *Proc., Forty-Seventh Annual Road School, Purdue U.*
- PENDLETON, William C., and VLASIN, Raymond D. 1961. The Impact of Interstate Highways on Rural Areas. *Proc., Forty-Seventh Annual Road School, Purdue U.*
- PENDLETON, William C. 1960. Economic Effects of Highway Improvement on Land Resource. *In Modern Land Policy. U. of Ill. Press,* pp. 171-183.
- VAUGHN, Gerald F. 1962. Land Use in Delaware. *Del. Agr. Expt. Sta. C.* 33.

4. Conservation and Development

- U. S. DEPT. OF AGR. 1962. Contribution to: Basic Statistics of the National Inventory of Soil and Water Conservation Needs. S.B. 317.
- U. S. DEPT. OF AGR. 1962. Contribution to: Agricultural Land Resources - Capacities, Uses, Conservation Needs. AB 263.

- U. S. DEPT. OF AGR. 1961. Contribution to: Principles of Resource Conservation Policy - With Some Applications to Soil and Water Resources. Committee on Soil and Water Conservation of the Agr. Board, Natl. Acad. of Sci., Natl. Res. Council. Pub. 885.
- ANDERSON, James R., and DILL, Henry W., Jr. 1961. Land Clearing and Drainage in Eastern North Carolina. *ARS* 43-127.
- ANDERSON, James R. 1960. Patterns of Land Development in Eastern North Carolina. *Proc., Southeastern Div. of the Assoc. of Amer. Geographers. Athens, Ga.*
- HARRISON, Robert W. 1961. Alluvial Empire: A Study of State and Local Efforts Toward Land Development in the Alluvial Valley of the Lower Mississippi River. Pioneer Press, Little Rock, Ark.

5. Future National and Regional Demands and Supply for Land

- REGAN, Mark M. 1960. Implementing Land Resources Policy. *In Modern Land Policy. U. of Ill. Press,* pp. 269-282
- STEELE, Harry A., LANDGREN, Norman E. and OTTOSON, Howard W., ed. 1963. Land for Agriculture. *In Land Use Policy and Problems in the United States. U. of Nebr. Press.*

B. ECONOMICS OF WATER UTILIZATION

1. Inventory and Appraisal of Water Resource Supplies, Uses, and Values

- ECONOMIC RESEARCH SERVICE. Contribution to: Land and Water Resources: A Policy Guide. 1962.
- ANDERSON, Raymond L. 1961. The Irrigation Water Rental Market: A Case Study. *Agr. Econ. Res.* 13(2).
- ANDERSON, Raymond L. 1962. Quantitative Indices of Recreational Values. Discussion of paper by L. Lerner. *Proc. Western Farm Econ. Assn.*
- ANDERSON, Raymond L. 1963. Irrigation Enterprises in Northeastern Colorado: Organization, Water Supply and Costs. *ERS*-117.
- ANDERSON, Raymond L. 1965. Emerging Nonirrigation Demands for Water. *Agr. Econ. Res.* 17(4).
- DAVAN, Clarence F., Jr., ANDERSON, Raymond L., and HARTMAN, Loyal M. 1963. Agricultural Characteristics and Fertilizer Practices in the Cache La Poudre-South Platte Irrigation Area of Northeastern Colorado. *Colo. Agr. Expt. Sta. T.B.* 78.
- GERTEL, Karl, 1962. Some Important Features of Water Use in the Southeast. *In No. 1961 Water Law and Policy in the Southeast, Proc. Southeastern Water Law Conference. Inst. of Law and Govt. U. of Ga.* 235-236.
- GERTEL, Karl, 1964. Economic Potentials of Irrigation in North Carolina: Based on Soil Classification and Acreage Estimates From the National Inventory of Soil and Water Conservation Needs. *ERS* 187.
- HARTMAN, L. M., and ANDERSON, Raymond L. 1962. Estimating the Value of Irrigation Water From Farm Sales Data in Northeastern Colorado. *Farm Econ.* 44(1):207-213.

2. Water Requirements, Allocation, and Management Efficiencies

- ANDERSON, Raymond L., and HARTMAN, L. M. 1965. Introduction of Supplemental Irrigation Water: Agricultural Response to an Increased Water Supply in Northeastern Colorado. *Colo. Agr. Expt. Sta. T. B.* 76.
- BERRY, B. J. L. 1962. Sampling, Coding, and Storing Flood Plain Data. *A.H.* 237.
- COOKE, F. J. 1961. An Economic Analysis of Factors Affecting Water Loss in Irrigation Channels in the Yazoo-Mississippi Delta. *Miss. Agr. Expt. Sta. B.* 626.
- DAVAN, Clarence F., Jr., and ANDERSON, Raymond L. 1963. Economic Analysis of Phosphate Fertilizer on Irrigated Alfalfa in Northeastern Colorado. *Colo. Agr. Expt. Sta. T.* 80.

- HALTER, Alvert N., and MILLER, Stanley F., 1964. Simulation Systems in Making Water Resources Decisions. Proc. Comm. Econ. Water Res. Dev., Western Agr. Econ. Res. Council, San Francisco, Calif.
- HUGHES, William F., and MAGEE, A. C. 1962. An Economic Analysis of Irrigated Cotton Production, Middle Brazos River Valley, 1955-58. Tex. Agr. Expt. Sta. M. 580.
- LANDGREN, Norman E., and ANDERSON, Jay C. 1961. A Method for Evaluating Erosion Control in Farm Planning. Agr. Econ. Res. 14(2).
- LANDGREN, Norman E., TIMMONS, John F. and ANDERSON, Jay C. 1963. Watershed Protection Through Farm Planning. J. Soil Water Conserv. 18(1):1-7.
- LANHAM, W. J., and BUTLER, C. P. 1961. Irrigation Practices, Costs and Returns in South Carolina. S. C. Agr. Expt. Sta. B. 496.
- MILLER, Stanley F., CASTLE, Emery N., and BOERSMA, Larry L., 1965. Irrigation Water Values in the Willamette Valley: A Study of Alternative Valuation Methods. Oreg. Agr. Expt. Sta. T.B. 85.
- PAVELIS, George A., and others. 1961. Methodology of Programming Small Watershed Development. Iowa Agr. and Home Econ. Expt. Sta. B. 493.
- PAVELIS, George A. 1963. Irrigation Technology and Agricultural Development in the United States. Food and Agr. Tech. Inf. Serv. Rev. OECD (FATIS REV.), 38-44.
- PAVELIS, George A., and GERTEL, Karl. 1963. Water Use and Management. YB 1963.
- STEELE, Harry A., and PAVELIS, George A., 1965. Economics of Irrigation Policy and Planning. In Irrigation of Agricultural Lands, A Compendium Published by the American Society of Agronomy.
- STEWART, Clyde E. 1961. Economic Problems of Irrigation Development in Established Dry Farming Areas: Lower Marias, Montana. Moat. Agr. Expt. Sta. Res. Rpt. 14.
- STEWART, Clyde E. 1964. The Desert Land Act in Mid-twentieth Century: Issues and Problems. ERS-151.
- 3. Water Development Potentials and Agricultural Requirements**
- ECONOMIC RESEARCH SERVICE.
1962 Contribution to: Policies, Standards and Procedures in the Formulation, Evaluation and Review of Plans for Use and Development of Water and Related Land Resources. U. S. Senate. 87th Cong. 2d Sess. Docu. 97. GPO.
- HARRISON, Robert W. 1961. Early State Flood Control Legislation in the Mississippi Alluvial Valley. J. Miss. History 23(2):104-126.
- C. RESOURCE INSTITUTIONS (2 Divisions - C-I and C-II)**
- 1. Legal-Economic Aspects of Land and Water Use**
- 1. Water Rights and Water Legislation**
- BEUSCHER, Jacob H. 1961. Appropriation Water Law Elements in Riparian Doctrine States. Buffalo Law Rev. 10(3):448-458.
- ELLIS, Harold H. 1961. Regulation of Water Use in Local Areas by State or Local Governments and Districts. In Water Law and Policy in the Southeast: Nov. Southeastern Water Law Conference, U. Ga. Institute of Law and Government, in coop. with Farm Found. and Southeastern Land Tenure Res. Com.
- ELLIS, Harold H. 1961. Rights to Water Supplies in the Eastern States. In Proc. Southern Water Resources Conf., Ricbmoad, Va. Council of State Governments, Atlanta, Ga.
- ELLIS, Harold H. 1962. Discussion of Water-Use Law in Action: An Analysis of Arrangements Made by Water Users to Secure Their Sources of Water Supply, with Particular Reference to the Research Triangle Region of North Carolina. In Water Law and Policy in the Southeast.
- ELLIS, Harold H. 1962. Water Law in the Eastern United States as Related to Water Resources Development. Presented at the Water Resources Management Committee Symposium, Soil Conservation Society of America, Washington, D. C. (Processed)
- ELLIS, Harold H. 1963. Water Law in Eastern United States. J. Soil & Water Conserv. 18(1):19-27.
- ELLIS, Harold H. 1965. Water Rights and Regulation in the Eastern States. Natl. Water Well Assn. Ground Water 3(4).
- ELLIS, Harold H. 1965. Water Rights and Legislation in the Eastern States. In Proc., Mar. Conference on Water Resources and Economic Development in the South. Atlanta, Ga. Published by Agr. Policy Inst., N.C. State U. in Coop. with the Council of State Governments and the Southern Land Econ. Res. Comm.
- HUTCHINS, Wells A. 1961. The Texas Law of Water Rights. The Texas Legislature and Texas Board of Water Engineers, in Coop. with the USDA.
- HUTCHINS, Wells A. 1962. Background and Modern Developments in Water Law in the United States. N. Mex. School of Law, Nat. Resources J. 2(3):416-444.
- HUTCHINS, Wells A. 1962. A Regional View: Riparian Appropriation Conflicts in the Upper Midwest. N. Dak. Law Rev. 38(2):278-301.
- HUTCHINS, Wells A. 1964. Ground Water Legislation. In Economics and Public Policy in Water Resources Development, Stephen C. Smith and Emery N. Castle, eds, Iowa State U. Press.
- MANN, Fred A.; ELLIS, Harold H.; and KRAUSZ, N.G.P. 1964. Water Use Law in Illinois. Ill. Agr. Expt. Sta. B. 703.
- MUNRO, James. 1961. Airports, Subdivisions and Surface Waters. U. Cincinnati Law Rev. 30(4):391-417.
- TRELEASE, Frank J. 1961. Federal Limitations on State Water Law. Buffalo Law Rev. 10(3):399-426.
- TRELEASE, Frank J. 1965. Policies for Water Law: Property Rights, Economic Forces, and Public Regulation. Natural Resources J. 5(1):1-48.
- TURNER, Jack R.; and ELLIS, Harold H. 1962. State Water-Rights Laws and Related Subjects: A Bibliography. USDA M. 921
- WAITE, G. Graham. 1962. Public Rights in Indiana Waters. Ind. Law J. 37(4):467-488.
- 2. Land-Use Regulations**
- SOLBERG, Erling D. Nov. 1960. Reserving Open Space for the Future. Cornell Planners' Conf. Cornell U.
- SOLBERG, Erling D. Nov. 1960. Sparing New Measures for Reserving Open Space. Cornell Planners' Conf. Cornell U.
- SOLBERG, Erling D. Nov. 1960. Zoning to Protect Agriculture. Minn. Agr. Ext. Div.
- SOLBERG, Erling D. 1961. New Laws for New Forests. U. of Wis. Press.
- SOLBERG, Erling D. Feb. 1961. Planning and Zoning of Rural Areas. Minn. Farm Business Notes, U. of Minn.
- SOLBERG, Erling D. June 1961. Some Requisites and Objectives of Rural Land Zoning. School of Agr., U. of Del.
- SOLBERG, Erling D. Nov. 1961. Agriculture's Stake in a County-wide Planning and Zoning Program. Agr. Ext. Serv., Pa. State U.
- SOLBERG, Erling D. 1962. Zoning for Rural Areas. USDA L. 510.
- SOLBERG, Erling D. 1963. Old and New Principles of Zoning. 1963 YB.
- SOLBERG, Erling D. Feb. 1963. The Role of Zoning in Community Planning and Development. 60th Ann. Conv., Assn. So Agr. Workers, Memphis, Tenn.
- SOLBERG, Erling D. 1965. County Planning and Zoning. Parts I and II. Public Lands Newsletter, Nos. 28 and 29. Natl. Assn. of Counties.
- WITTE, A.M.; SOLBERG, Erling D.; and MARTIN, L.R. 1962. Land Use Planning and Zoning in Arkansas: Legal and Economic Aspects. Ark. Agr. Expt. Sta. B. 657.
- 3. Resource Districts and Organizations**
- HANSON, Ivan. 1965. Evaluating the Role of Special Districts in Natural Resources Management. J. Soil & Water Conserv. 20(1):8-11.
- OTTE, Robert C. 1962. Discussion: New Approaches in Organizing for Land and Water Use. J. Farm Econ. 44(5):1694-96.
- OTTE, Robert C., and VLASIN, Raymond D. 1963. Districts That Manage Resources. 1963 YB.

4. Property Rights and Impacts of Public Programs

- CHRYST, Walter E. 1961. Some Aspects of Land Ownership and Efficiency of Resource Use from the Public Viewpoint. *In Proc., Western Agr. Econ. Res. Council.*
- GRIFFING, Milton E., and ELLIS, Harold H. 1961. Study of Possible Purchase of Cropping Easements from Landowners. July Stat. Rptr. U.S. Bur. Budget.
- GRIFFING, Milton E., and FISCHER, Loyd K. 1965. Government Purchase of Crop Limiting Easements as a Means of Reducing Production. *J. Farm Econ.* 47(1):60-73.
- JOHNSON, Hugh A. and others. 1962. Potential New Sites for Outdoor Recreation in the Northeast. ORRRC Study Rpt. 8. GPO.
- PENDLETON, William C., and VLASIN, Raymond D. 1961. The Impact of Interstate Highways on Rural Areas. *Purdue U. Engin. B.* 45(6):92-109.
- VLASIN, Raymond D., and OTTE, Robert C. 1963. The Role of the Federal Government in Financing Natural Resource Management Programs. *Mich. Natural Resources Conf., Lansing, Mich.* (Processed)
- VLASIN, Raymond D. 1961. Measuring the Benefits of Developing and Maintaining Recreation Resources - Issues and Approaches. *Recreation Res. in Great Plains. Great Plains Resource Econ. Com. Great Plains Agr. Council. S.Dak. State Col.*
- VLASIN, Raymond D. 1961. Planning Controlled-Access Highways in Rural Areas. *Purdue U. Engin. B.* 45(6):162-169.
- VLASIN, Raymond D. 1963. Highways and Adjustments in Farms. 1963 YB.
- VLASIN, Raymond D.; PENDLETON, William C.; and HEDRICK, James L. 1962. The Effects on Farm Operating Units of Land Acquisition for Controlled-Access Highways. *ERS* 69.

II. Land Tenure

1. Basic Information on Tenure

- ECONOMIC RESEARCH SERVICE. 1961. Supplement to Farming in the Great Plains - A Survey of the Financial and Tenure Situation in 1957. Sup. to PRR 50.
- ANDERSON, Dale E.; LOFTSGARD, Laurel D.; and ERICKSON, L.E. 1962. Characteristics and Changes of Land Ownership in North Dakota From 1945 to 1958. *N. Dak. Agr. Expt. Sta. B.* 438.
- BOXLEY, Robert F. 1964. Owner Characteristics and Distribution of Land Ownership in the Eastern Great Plains. *ERS* 197.
- BOXLEY, Robert F. 1965. White and Nonwhite Owners of Rural Land in the Southeast. *ERS* 238.
- BOXLEY, Robert F.; GIBSON, William L., Jr.; and HOFFNAR, Bernard R. 1964. The Application of Probability Theory Analysis to Nonrandom Enumeration Data. *J. Farm Econ.* 46(4):835-840.
- CLONTS, Howard A., and YEAGER, Joseph M. 1964. Rural Land Ownership and Use in Alabama. *Ala. Agr. Expt. Sta. B.* 356.
- EL SHAHAT, Mahmoud M. A., and PARCHER, La. A. 1964. A Tenure Size Classification of Farms. *Okla. Current Farm Econ.* 37(4):82-87.
- HILL, Howard L. 1961. Tenure Status of Farm Operators. *In U.S. Rpt. to FAO, FAS.*
- HILL, Howard L. 1961. Land Tenure Problems in Paraguay. Report for U. S. Operations Mission in Paraguay. *International Cooperation Administration.*
- HILL, Howard L. 1965. Agricultural Land Tenure in the United States. *J. Chartered Land Agent's Soc.* 64(9):372-384.
- MAIER, Frank H. 1962. Public Policies and Programs Relating to Land Tenure: Settlement, Education, Credit, and Conservation Programs. *In Rural Land Tenure in the United States.* A. L. Bertrand and F. L. Corty, eds. La. State U. Press.
- MAIER, Frank H. 1962. Public Policies and Programs Relating to Land Tenure: Production Control and Rural Development Programs. *In Rural Land Tenure in the United States.* A. L. Bertrand and F. L. Corty, eds. La. State U. Press.

- MAIER, Frank H. 1962. Public Policies and Programs Relating to Land Tenure: Labor Policies and Programs. *In Rural Land Tenure in the United States.* A. L. Bertrand and F. L. Corty, eds. La. State U. Press.
- MARTIN, Joe E., and McCLEARY, Joe W. 1962. Who Owns the Land in the Rural Areas of Tennessee? *Tenn. Farm and Home Sci. Prog. Rpt.* 44.
- MUNGER, James A. 1964. Components of Rural Land Values in Northern Wisconsin. *Land Econ.* 40(1):87-91.
- O'BYRNE, John C.; HARL, Neil E.; and HARRIS, Marshall D. 1961. Agrarian Planning and Land Reform. *Iowa Agr. Law Center.* Iowa City, Iowa.
- PARCHER, L. A. 1963. Land Ownership in Oklahoma, 1958. *Okla. Agr. Expt. Sta. P.* 453. Mimeo.
- PINE, Wilfred H. 1961. Land Ownership in Kansas, 1958. *Kans. Agr. Expt. Sta. B.* 430.
- STAHL, John E. 1961. Population Studies and Land Tenure Research. *Conf. Southern Pop., State Col., Miss.*
- STEELE, Harry A., and HILL, Howard L. 1962. A Review of United States Policy on Agrarian Reform. *In Latin American USOM Seminar on Agrarian Reform, International Cooperation Administration.*
- STROHBEHN, Roger W., and TIMMONS, John F. 1960. Ownership of Iowa's Farmland. *Iowa State U. Res. B.* 489.
- STROHBEHN, Roger W. 1962. A Graphic Summary of Farm Tenure. *U.S. Census of Agr. 1959. Vol. V. Spec. Rpts. Pt. 6.*
- STROHBEHN, Roger W. 1963. Ownership of Rural Land in the Southeast. *AER* 46.
- WUNDERLICH, Gene. 1962. Methods and Techniques for Tenure Research. *In A. L. Bertrand and F. L. Corty, eds. Rural Land Tenure in the United States.* La. State U. Press.
- WUNDERLICH, Gene. 1965. Taxing and Exploiting Oil: The Dakota Case. *Conf. on Tax Treatment of Exhaustible Resources, Proc. Milwaukee, Wis.*

2. Analysis of Tenure Arrangements

- ECONOMIC RESEARCH SERVICE. 1961. Father-Son Agreements for Operating Farms. *F.* 2179.
- BRENNECKE, A. E. 1961. Forfeiture and the Installment Land Contract. *Iowa Law Rev.* 46(4):786-801.
- ELEFSON, R. V., and RAUP, Philip M. 1961. Financing Farm Transfers with Land Contracts. *No. Cent. Reg. Pub.* 122 (*Minn. Agr. Expt. Sta. B.* 454).
- GIBSON, W. L., Jr. 1961. Renting Farms in Southside Virginia. *Southeast Land Tenure Res. Com. Pub.* 38 (*Va. Agr. Expt. Sta. B.* 523).
- HARMON, Marie B., and HARRIS, Marshall. 1961. Your Farm Lease Checklist. *F.* 2163.
- HARRIS, Marshall. 1961. Your Cash Farm Lease. *M.* 836.
- HARRIS, Marshall. 1961. Your Livestock-Share Farm Lease. *M.* 837.
- HARRIS, Marshall. 1961. Your Crop-Share-Cash Farm Lease. *M.* 838.
- HARRIS, Marshall. 1961. Your Farm Renting Problem. *F.* 2161.
- HARRIS, Marshall, and HURLBURT, Virgil L. 1961. Your Farm Rent Determination. *F.* 2162.
- HARRIS, Marshall, and HILL, Howard L. 1961. Your Farm Lease Contract. *F.* 2164.
- HARRIS, Marshall, and HINES, N. William. 1965. Installment Land Contracts in Iowa. *Iowa Agr. Law Center Monog. No. 5.*
- HILL, E. B., and HARRIS, Marshall. 1961. Family Farm Transfers and Some Tax Considerations. *No. Cent. Reg. Pub.* 127 (*Mich. Agr. Expt. Sta. Spec. B.* 436).
- HILL, E. B., and HARRIS, Marshall. 1963. Family Farm-Operating Agreements. *No. Cent. Reg. Res. Pub.* 143 (*Mich. Agr. Expt. Sta. Cir.* 234).
- HINES, N. William, and HARRIS, Marshall. 1964. Iowa Farm Fence Law. *Agr. Law Center Monog.* 4.
- HURLBURT, Virgil L. 1964. Rent Determination Within the Farm Firm. *In Rent Theory, Problems and Practices. No. Cent. Reg. Res. Pub.* 139 (*Mo. Agr. Expt. Sta. Res. B.* 810).

- HURLBURT, Virgil L. 1964. Use of Farm Resources as Conditioned by Tenure Arrangements. No. Cent. Reg. Pub. 151 (Nebr. Agr. Expt. Sta. Res. B. 215).
- LOFTSGARD, Laurel D., and MILLER, Walter G. 1961. Contracts and Allotments in Sugar Beet Production. N.Dak. Agr. Expt. Sta. T.B. 434.
- MANN, Fred L. 1961. A Comparative Study of Laws Relating to Low-Equity Transfers of Farm Real Estate in the North Central Region. No. Cent. Reg. Pub. 136 (Mo. Agr. Expt. Sta. Res. B. 782).
- VANDEBUR, Charles. 1962. Farm Partnerships: Ownership and Use of Real Property. Iowa Law Rev. 47(3):689-711.
- WUNDERLICH, Gene. 1964. Measurement of Legal-Economic Content of Vertical Integration Contracts in Agriculture. MULL:119-126.
- WUNDERLICH, Gene. 1964. Semantic Problems of Interdisciplinary Research. Conference on Optimizing Institutions for Economic Growth, Proc. Sponsored by Agr. Policy Inst. of N.C. State U. and So. Land Econ. Res. Com.
- 3. Analysis of Structure of Resource Ownership and Control**
- ECONOMIC RESEARCH SERVICE. 1962. Agrarian Reform and Economic Growth in Developing Countries. (Unnumb.)
- ACKERMAN, Joseph; CLAWSON, Marion; and HARRIS, Marshall, eds. 1962. Land Economics Research. Farm Found. & Res. for the Future.
- ACKERMAN, Joseph, and HARRIS, Marshall. 1962. Organization and Administrative for Effective Research in Land Economics. In Land Economics Research. Ackerman, J.; Clawson, M.; and Harris, M., eds. Farm Found. and Res. for the Future.
- BIERMAN, Russel W., and others. 1961. Farming in the Great Plains - A Survey of the Financial and Tenure Situation in 1957. PRR. 50.
- BREWSTER, John M., WUNDERLICH, Gene, SMITH, M.G. and CHRISTIAN, C.F., eds. 1961. Farm Size, Capital, and Tenure Requirements. In Adjustments in Agriculture - A National Base-Book. Iowa State U. Press.
- CHRYST, Walter E., and HILL, Howard L. 1965. In Obstacles to Shifts in the Use of Land. Documentation in Food and Agriculture. Series No. 74:117-140. Org. Econ. Coop. & Dev.
- HALCROW, H. G., and others. 1960. Modern Land Policy. U. Ill. Press.
- HARL, Neil E., and TIMMONS, John F. 1963. Legal Aspects of the Family Farm Corporation. In Family Farm Corporations. Iowa Agr. Law Center Monog. 2.
- HARL, Neil E. 1964. Selected Aspects of Employee Status in Small Corporations. Kans. Law Rev. 13:23-58.
- HARL, Neil E. 1964. Modifying Institutional-Legal Relations Among Private Parties to Facilitate Adjustment in Agriculture. J. Farm Econ. 46(5):953-961.
- HARL, Neil E. 1964. The Farm and Ranch Corporation - Business Organizational Form of the Future. Nebr. Law Rev. 43(2):364-381.
- HARL, Neil E. 1965. Public Policy Aspects of Farm Incorporation. July Business Lawyer: 933-951.
- HARL, Neil E. and O'BYRNE, John C. 1964. Organization and Operation of Farm and Ranch Corporations in South Dakota. S.Dak. Bar J. 33(2):85-102.
- HARRIS, Marshall. 1960. Nonfarm Inputs in Agricultural Production: A Research Proposal. J. Farm Econ. 42(5):1511-1512.
- HARRIS, Marshall. 1962. The Family Farm in Domestic and Foreign Land Tenure Policy: Problems in Domestic Policy. J. Farm Econ. 44(2):536-545.
- HARRIS, Marshall. 1962. Steps in Carrying Out Formal Research Projects. In Ackerman, J.; Clawson, M.; and Harris, M., eds. Land Economics Research. Farm Found. & Res. for the Future.
- HARRIS, Marshall. 1963. Private Interest in Private Lands: Intra- and Inter-Private. In H. W. Ottoson, ed., Land Use Policy and Problems in the United States. U. Nebr. Press.
- HARTMAN, L.M., and TOLLEY, George S. 1961. Effects of Federal Acreage Controls on Costs and Techniques of Producing Flue-Cured Tobacco. Southeast Land Tenure Res. Com. Pub. 39 (N.Car. Agr. Expt. Sta. T.B. 146).
- HILL, Howard L. 1963. Public Rural Renewal in Communities. 1963 YB.
- HILL, Howard L., and MAIER, Frank H. 1963. The Family Farm in Transition. 1963 YB.
- KIMBALL, Cahares J. 1961. The Nebraska Uniform Gifts to Minors Act. Nebr. Law Rev. 40(3):466-480.
- KRANTZ, Sheldon. 1963. Farm and Ranch Incorporation in Nebraska. Nebr. State Bar J. 12(1):5-13.
- MILLER, Walter G. 1962. Relevance of Production Theory to Land Economics Research. In Ackerman, J.; Clawson, M.; and Harris, M., eds. Land Economics Research. Farm Found. & Res. for the Future.
- MUNGER, James A. 1964. The Impact of Urbanization on Housing and Community Facilities in Rural Areas of the Canadian Prairies. Presented at April meeting Great Plains Res. Econ. Com. (Processed).
- MUNGER, James A.; and LOOMER, C.W. 1964. Ownership and Use of Land for Forestry and Recreation in Northern Wisconsin. Wis. Agr. Expt. Sta. Res. B. 248.
- OTTOSON, Howard W.; WUNDERLICH, Gene; and DIESSLIN, Howard G. 1963. Land Tenure Research: Scope and Nature, 1962. ERS 119.
- STAHL, John E., and REHNBERG, Rex D. 1962. Relationship of Puerto Rican Agriculture to Recent Industrial Development. J. of Farm Econ. 44(5):1412-16.
- STAHL, John E. 1965. An Application of a Klein Growth Model to Puerto Rico, 1957-1961. Econ. Devpmt. Cultural Change 13(4):463-471.
- STROHBEHN, Roger W. 1961. Impact of Population Growth on Capital Formation. Proc. Assn. So. Agr. Workers.
- VANDEBUR, Charles. 1962. Uniform Commercial Code-Effect of Code Passage Upon Unrepealed Conflicting Statutes. Iowa Law Rev. 47(2).
- VANDEBUR, Charles. 1963. Farm Partnership: Drafting the Agreement. Iowa Agr. Law Center Monog. 3.
- VANDEBUR, Charles. 1963. Partnership Bankruptcy: Proposed Amendments to the National Bankruptcy Act. Iowa Law Rev. 48(4):955-967.
- WALRATH, Arthur J. 1961. The Title to Your Farm. Va. Farm Econ. 168:8-10.
- WALRATH, Arthur J. 1961. Title to Land. J. Farm Econ. 43(3):616-625.
- WALRATH, Arthur J. 1961. Rural Land Ownership and Industrial Expansion. Southeast Land Tenure Res. Com. Pub. 37 (Va. Agr. Expt. Sta. B. 527).
- WUNDERLICH, Gene, and GIBSON, W.L., Jr. 1962. Selection of Analytical Procedures. In Ackerman, J.; Clawson, M.; and Harris, M., eds. Land Economic Research. Farm Found. & Res. for the Future.
- WUNDERLICH, Gene. 1963. Satisfying the Economic Demands for Natural Resources: Some Policy Issues for the United States. In H. W. Ottoson, ed. Land Use Policy and Problems in the United States. U. Nebr. Press.
- WUNDERLICH, Gene. 1963. Land Reform and Land Prices. Indian J. Agr. Econ. 18(4):32-37.
- WUNDERLICH, Gene. 1964. Land Reform in Western India: Analysis of Economic Impacts of Tenancy Legislation, 1948-63. ERS For 82.
- D. RESOURCE INCOME DISTRIBUTION**
- BACK, W. Burl. 1965. Effects of the Natural Resource Base on Chronically Depressed Rural Areas. In Proceedings, Workshop on Problems of Chronically Depressed Rural Areas, Agricultural Policy Institute, N.C. State. (In Press).
- BACK, W. Burl. 1965. Discussion: Applicability of Current Regional and Urban Analysis to Rural Areas. In Regional Development Analysis. Workshop sponsored by Agricultural Policy Institute No. Car. State and Great Plains Econ. Comm.
- CHRYST, Walter E. 1965. Land Values and Agricultural Income - A Paradox? J. Farm Econ., 47(5).

STROHBEHN, Roger W. 1965. Resource Productivity and Income Distribution with Implications for Tenure Arrangements. III. Agr. Expt. Sta. B (In press).

1. Incidence of Benefits and Costs of Public Programs

BOXLEY, Robert F., and GIBSON, William L., Jr. 1964. Peanut Acreage Allotments and Farm Land Values. Va. Agr. Expt. Sta. B 175.

CHRYST, Walter E., and TIMMONS, John F. 1961. The Economic Role of Land Resource Institutions in Agricultural Adjustment. *In* Dynamics of Land Use - Needed Adjustment. Iowa State U. Press.

CHRYST, Walter E., and others, eds. 1965. Selected Papers on Incidences of Benefits and Costs of Public Programs Affecting Agriculture.

E. IMPACTS OF URBAN GROWTH ON RURAL AREAS

1. Land-Use Adjustments on the Rural-Urban Fringe

CROSSWHITE, William M., and VAUGHN, Gerald F. 1965. Suburban Development in Metropolitan Northern Delaware. Del. Ext. Bul. 88.

JOHNSON, Hugh A. 1964. Aging in the Urban Fringe. Proc. Thirteenth Ann. So Conf. on Gerontology, Fla.

JOHNSON, Hugh A., CARPENTER, J. Ray, and DILL, Henry W., Jr. 1963. Exurban Development in Selected Areas of the Appalachian Mountains. ERS-111.

THARP, Max M., and JOHNSON, Hugh A. 1963. Multiple Purpose Highways and Recreation. 1963 YB.

VAUGHN, Gerald F., and MOORE, Edward C. 1963. Idle Land in an Urbanizing Area: The Delaware Experience. Del. Agr. Expt. Sta. Bul. 349.

VAUGHN, Gerald F. 1964. In Search of Standards for Preserving Open Space. Pub. Admin. Rev., 24(4):254-58.

2. Outdoor Recreation

DAVIS, Jeanne M. 1963. Farm Vacations in East Central Ohio: Development, Profits and Problems. ERS-113.

DAVIS, Jeanne M. 1963. Getting and Keeping Open Space. 1963. YB.

DAVIS, Jeanne M. 1964. Farm Vacation Enterprises in Ohio. ERS-164.

DAVIS, Jeanne M. 1964. New England Farm Vacation Businesses: Characteristics and Owners' Experiences. AER 60.

JOHNSON, Hugh A. 1963. Outdoor Recreation and Resource Conservation. Jour. Soil Water Conserv. 18(2):45-53.

JOHNSON, Hugh A., 1964. Rural Residential Recreation Subdivisions Serving the Washington, D. C. Area, 1963. AER 59.

JOHNSON, Hugh A., and THARP, Max M. 1963. Meeting the Demand for Outdoor Recreation, 1963 YB.

STREET, Donald R. 1963. A Preliminary Report on the Economics of Regulated Fee-Fishing Lakes in Pennsylvania, ERS mimeo.

F. WATERSHED PROGRAM ANALYSIS

ECONOMIC RESEARCH SERVICE. 1965. Watershed Program Evaluation, Honey Creek, Iowa. ERS-204.

ECONOMIC RESEARCH SERVICE. 1965. Watershed Program Evaluation. East Willow Creek, Minn. ERS-231.

COOK, Neil R. 1965. Effects of Upstream Flood Protection on Land Use with Special Reference to the Upper Washita River Basin of Oklahoma. Okla. Agr. Expt. Sta. Proc. Ser. P-501 in cooperation with ERS.

DAUGHERTY, Arthur B. 1965. Watershed Program Evaluation, Plum Creek, Kentucky. ERS-243.

JANSMA, J. Dean, and ANDERSON, Dale O. 1963. Water: A Critical Factor in Planning Community Development. 1963 YB.

JANSMA, J. Dean, and BACK, W. Burl. 1964. Local Secondary Effects of Watershed Projects (A case study of Roger Mills County, Oklahoma). ERS 178.

V. FOREIGN DEVELOPMENT AND TRADE ANALYSIS DIVISION

A. EFFECTS OF FOREIGN ECONOMIC DEVELOPMENT ON AGRICULTURE

- ECONOMIC RESEARCH SERVICE. 1963. A Review of Measures of Farm Income for International Use. *Indian J. Agr. Econ.* 18(4).
- ECONOMIC RESEARCH SERVICE. 1964. The Role of Agricultural Productivity in Economic Development. *J. Farm Econ.* 16(4).
- BACHMAN, Kenneth L. 1962. World Food Research: Status and Goals in ERS. IN *Food - One Tool in International Economic Development*, (Center Agricultural Economic Development), Iowa State U. Press.
- BACHMAN, Kenneth L. 1964. Imbalance in World Agriculture. Presented at Feb. Agr. Policy Rev. Conf., Athens, Ga.
- BACHMAN, Kenneth L. 1965. Can We Produce Enough Food? *American Society of Agronomy Sp. Pub.* 6.
- BACHMAN, Kenneth L. 1965. Agricultural Economics and Technical Aid in Foreign Development. *J. Farm Econ.* 47(5).
- CHRISTENSEN, Raymond P. 1962. Ways of Overcoming Obstacles to Farm Economic Development in Less Developed Areas. Presented at Ann. Mtg. Amer. Farm Econ. Assn., Storrs, Conn.
- CHRISTENSEN, Raymond P. 1963. The Relation of Agricultural Productivity to Economic Growth. Presented at Econ. Growth Center, Yale U. New Haven, Conn.
- CHRISTENSEN, Raymond P. 1964. Problems in Economics. *Farmers World*, YB.
- CHRISTENSEN, Raymond P. 1964. Economic Progress of Agriculture in Less Developed Countries. Presented at Nov. Conf. on Econ. Dev. of Agr. Iowa State U.
- CHRISTENSEN, Raymond P. 1965. Implications of Changing AID Programs to U.S. Agriculture. Presented at Sept. Natl. Agr. Policy Conf., U. Ill. Urbana, Ill.
- CHRISTENSEN, Raymond P. and MACKIE, Arthur B. 1963. Foreign Economic Growth and Agricultural Trade. Sept. issue. *For. Agr. Trade U.S.*
- CHRISTENSEN, Raymond P., HENDRIX, William E., and STEVENS, ROBERT D. 1964. How the United States Improved Its Agriculture. *ERS-For.* 76.
- CHRISTENSEN, Raymond P. and STEVENS, Robert D. 1962. Putting Science to Work to Improve World Food Production. IN *Food - One Tool in International Econ. Development*, CAED, Iowa State U. Press.
- CHRISTENSEN, Raymond P., and PARKER, Frank W. 1965. Fertilizers and the Economics of Crop Production. Prepared for United Nations Inter-Regional Seminar on Production of Fertilizers held at Kiev, Ukrainian SSR, Aug. 24 to Sept. 13.
- CHRISTENSEN, Raymond P. and YEE, Harold T. 1964. The Mechanics of Agricultural Productivity and Economic Growth. *Agr. Econ. Res.* 16(3).
- COCHRANE, Willard W., MACKIE, Arthur B., and CHAPPELL, Grover C. 1963. Potential Uses of Farm Products as Aid to Developing Countries. *J. Farm Econ.* 45(5).
- GREGORY, Wade F. 1964. Policies for Agricultural Development. Presented at Conf. on Agr. in Econ. Dev., U. Ill., Urbana, Ill.
- GREGORY, Wade F. 1964. Transforming Traditional Agriculture. Presented at Nov. Mtg. Society Int. Dev., Washington, D.C.
- HENDRIX, W. E., and PARKER, Frank W. Sept. 1963. Foundation for Agrarian Development. Presented at CENTO Rural Symposium, Tehran, Iran.
- HENDRIX, W. E. 1964. Observations on Recent Experiences in Increasing Agricultural Output in More Rapidly Developing Countries. Presented at Nov. Conf. Econ. Dev. Agr., Iowa State U.
- HENDRIX, W. E., GADSBY, Dwight M., MOORE, Clarence A., and others. 1965. Changes in Agriculture in 26 Developing Nations, 1948-1963. *FAER-27*.
- JOHNSON, Sherman E. and CHRISTENSEN, Raymond P. 1963. Efficient Use of Labor, Land, and Capital for Agricultural Development of Densely Populated Areas. *Proc. Fed. U. N. Conf. on Application of Sci. and Technol. for Benefit of Less Developed Areas*. Geneva, Switzerland.
- MACKIE, ARTHUR B. and others. 1963. Agriculture and Economic Growth. *AER* 28.
- MACKIE, Arthur B., and others. 1963. The World Food Budget: A Forward Look to 2000 and Beyond. *Proc. World Food Forum*, Washington, D.C.
- MACKIE, Arthur B., and BACHMAN, Kenneth K. 1964. Economic Growth Expands Agricultural Trade. *Farmer's World*, YB.
- MACKIE, Arthur B., 1964. International Trade and Economic Growth. Mar. issue. *For. Agr. Trade U. S.*
- MACKIE, Arthur B. 1964. Role of Agriculture in Economic Growth and Development. Presented at Conf. Agr. Econ. Dev., U. Ill., Urbana, Ill.
- MACKIE, Arthur B. 1965. Foreign Economic Growth and Market Potentials for U. S. Agricultural Products. *FAER* 24.
- MACKIE, Arthur B. 1964. Relation of Economic Growth and Trade. Presented at Nov. Conf. on Econ. Dev. Agr., Iowa State U.
- MACKIE, Arthur B. 1965. Trade Policies and U. S. Agriculture. Presented at Dec. Mtg. American Farm Econ. Assn., New York, N. Y.
- PARKER, Frank W., STEWARD, Donald D. and PEPPERZAK, Paul. 1964. The Expanding World Fertilizer Market. in Jan. issue *Fert. News*, New Delhi, India.
- STEVENS, Robert D. 1963. The Influence of Urbanization on the Income Elasticity of Demand for Retail Food in Low Income Countries. *J. Farm Econ.* 45(5).
- STEVENS, Robert D. 1965. Elasticity of Food Consumption Associated with Changes in Income in Developing Countries. *FAER* 23.
- STEVENS, Robert D. 1964. Population, Income and Food. *Farmers World*, YB.

B. EXPORT PROGRAMS AND MARKET DEVELOPMENT

- ADAMS, Dale W. and TOBON, Arturo R. 1964. El Sector Agropecuario en el Desarrollo de la Economia Colombiana. IN *Economia Colombiana*. Bogota, Columbia.
- ADAMS, Dale W. and MANCINI, Simeone. 1964. Posibilidades de Ajustes en la Produccion de Trigo y los Productos Competitivos de Clima Frio. IN *Revista del Facultad de Agronomia e Instituto Forestal*. Medellin, Colombia.
- BARLOW, Frank D., Jr. and LIBBIN, Susan A. 1963. Contribution of Public Law 480 to International Economic Aid and Development. Feb. Issue *For. Agr. Trade of the U. S.*
- BARLOW, Frank D., Jr. and BITTING, H. Wayne. 1964. Domestic and Foreign Market Potentials for Food Protein Products. *Proc. of Conf. on Cottonseed Protein Concentrates*. So. Utilization Res. and Dev. Div., ARS. New Orleans, La.
- BARLOW, Frank D., Jr. and LIBBIN, Susan J. 1965. The role of Agricultural Commodity Assistance In International Aid Programs. *ERS-For.* 118.
- BARLOW, Frank D., Jr. and LIBBIN, Susan J. 1965. World Grain Trade and Pricing Policies and their Effects Upon International Trade. Presented at A Symposium on the Structure, Conduct and Performance of the Grain Markets of the United States. Lincoln, Nebr.
- BARLOW, Frank D., Jr. and LIBBIN, Susan A. 1966. International Grain Trade Trends and Effects of P.L. 480. Presented at Jan. Mtg. Farmers Grain Dealers Association, Bismarck, N. Dak.
- CARDENAS, Sergio G. Y. and WHEELER, Richard G. 1964. Las Importaciones Especiales de Productos Agricolas y el Desarrollo Economico de Colombia. *Agricultura Tropical*, Bogota, Colombia.
- GINOR, Fanny. 1963. Uses of Agricultural Surpluses. Analysis and Assessment of the Economic Effect of the Public Law 480 Title I Program in Israel. *Bank of Israel*.

C. INTERNATIONAL MONETARY AND TRADE RESEARCH

- ECONOMIC RESEARCH SERVICE. 1962. Strengthened U. S. Balance of Payments Slows Rise in Foreign Dollar Reserves. ERS-For. 12.
- ECONOMIC RESEARCH SERVICE. 1962. Growth of Foreign Dollar Assets Slows as Payments Position Strengthens. ERS-For. 17.
- BOGUMILL, John P. and GOOLSBY, O. Halbert. 1964. Financial Procedures Under Public Law 480, Emphasis on Titles I and IV of the Agricultural Trade Development and Assistance Act. FAER 17.
- BOGUMILL, John P. 1964. The Use and Limitations of Import Coverage Statistics Oct. Issue. For. Agr. Trade of the U. S.
- COLTMAN, Charles L., Jr. 1963. Recent Trade and Financial Developments in Japan. Intl. ERS Monetary Studies 2.
- ELROD, Warrick E., Jr. 1962. Foreign Gold and Dollar Reserves: Holdings Abroad Continue to Rise First Half of 1962. ERS Unnumb.
- ELROD, Warrick E., Jr. 1963. Monetary Effects of Financing Agricultural Exports Through Programs Under Titles I and IV, Public Law 480. FAER 12.
- ELROD, Warrick E., Jr. 1964. Monetary Problems and Trade. Farmers World. YB.
- ELROD, Warrick E., Jr. 1964. International Financial Services. Farmers World. YB.
- GOOLSBY, O. Halbert. 1963. African Monetary Situation. Special Sup. to Foreign Gold and Dollar Reserves. ERS Unnumb.
- GOOLSBY, O. Halbert. May 1964. Foreign Gold and Exchange Reserves: Current Situation and Long-term Trends. ERS Unnumb.
- GOOLSBY, O. Halbert. 1965. Changes in Prices and Export Earnings of Major Agricultural Exports, 1947-1963. ERS Unnumb.
- GOOLSBY, O. Halbert. 1966. "Agricultural Exports from Temperate and Tropical Zones, Changes in Prices and Foreign Earnings, 1946-63." FAER 29.
- O'DONNELL, P. E., ABEL, M. E., BLAICH, O. P., and BROWN, R. N. 1964. The Grain-Livestock Economy of the European Economic Community: A Compendium of Basic Statistics. S.B. 351.
- REGIER, D. W., BROWN, R. N., HEXEM, R. W., and HUTH, W. P. 1965. Meat Import Prospects of the European Economic Community, 1965 and 1966. ERS-For. 130.
- RICE, Gabrielle P. Nov. 1963. Foreign Gold and Dollar Reserves: Foreign Holdings Rise, U. S. Private Capital Outflow Cited. ERS Unnumb.
- RICE, Gabrielle P. and WARRICK, E., Jr. 1963. Case Studies of the Two-Year Balance of Payments Effects on the United States Under Public Law 480, Titles I and IV. Intl. ERS Monetary Studies 1.
- RICE, Gabrielle P. and ELROD, Warrick E., Jr. 1963. External Financial Position of Foreign Countries. July-Aug. Issue. For. Agr. Trade of the U. S.
- RICE, Gabrielle P. 1965. Foreign Gold and Exchange Reserves: Current Trends in International Liquidity. ERS Unnumb.
- SPEARS, McGehee H. and VINING, Dale K. 1962. Importance of U. S. Farm Exports to Balance of Payments. FAER 7.
- SPEARS, McGehee H. 1963. Foreign Gold and Dollar Reserves: Increase in Holdings Abroad Smallest in 5 Years. ERS Unnumb.
- SPEARS, McGehee H. 1964. U. S. Agricultural Trade and Balance of Payments with OECD Countries. ERS-For. 85.

D. TRADE STATISTICS AND ANALYSIS

1. General

- ECONOMIC RESEARCH SERVICE. Trade Statistics by Months, *Int'l. Foreign Agricultural Trade of the United States*. Issued nine times a year.
- ECONOMIC RESEARCH SERVICE. 1961. Europe and Asia Take Most of 1960 U. S. Agricultural Export Gains. ERS-For. 30.
- ECONOMIC RESEARCH SERVICE. 1962. 1961 U. S. Agricultural Exports Set Record; Imports at 12-Year Low. ERS-For. 30.
- ECONOMIC RESEARCH SERVICE. 1962. U. S. Farm Exports Hit Record in 1960-61; Only Latin American Purchases Fall. ERS-For. 36.
- ECONOMIC RESEARCH SERVICE. Agricultural Trade and Finance. Sup. to Statistics on the European Econ. Community, Vol. 1: ERS-For. 43.

- ANGELIDIS, Alex D. and TONTZ, Robert L. 1962. Friends and Partners. Farmer's World. YB.
- ANGELIDIS, Alex D. 1964. Our Agricultural Imports. Farmer's World. YB.
- BACHMAN, Kenneth L. 1963. Comments on Research Needed to Shape U. S. Agricultural Policy in Relation to the European Common Market. Presented at Western Agr. Econ. Res. Council. (ERS Mimeo.)
- BACHMAN, Kenneth L. 1963. The Common Market and Its Possible Implications to Southern Agriculture. Presented at Assn. of So. Agr. Workers, Memphis, Tenn. (ERS Mimeo.)
- DEBLOIS, Eleanor N. 1961. U. S. Agricultural Exports Under the Food for Peace Program. July-Mar. 1960-61. ERS-For. 13.
- TONTZ, Robert L. and ANGELIDIS, Alex D. 1962. The Farm Surplus and Tariff Reform. Aug. Current History.
- TONTZ, ROBERT L. and HENDERSON, Harry W. 1962. Helping to Feed and Clothe the World. Farmer's World. YB.
- TONTZ, Robert L. and RAHE, Dewain H. 1964. Our Agricultural Exports. Farmer's World. YB.
- TONTZ, Robert L., HENDERSON, Harry W., and SPEARS, McGehee H. 1965. Agricultural Exports Help Balance of Payments. July issue. For Agr. Trade of the U. S. (Reprinted as ERS-For. 133.)

2. Foreign Agricultural Trade of the United States. (Periodical)

Issued 9 times a year

Includes Digest of Foreign Agricultural Trade of the U. S., Export Highlights, Export Fact Sheet, Import Highlights, Import Fact sheet and special author Name Articles.

Subject Matter in Individual Issues

a. Exports of Agricultural Products

ECONOMIC RESEARCH SERVICE

- Dec. 1961. Export Fact Sheet. Fiscal Year 1961.
- Dec. 1962. Export Fact Sheet. Fiscal Year 1962.
- Dec. 1963. U. S. Agricultural Export Prospects for Fiscal Year 1963-64.
- Jan. 1964. Export Fact Sheet. Fiscal Year 1962-63 (Reprinted as ERS-For. 81.)
- Mar. 1964 U. S. Agricultural Exports Reached \$5.6 Billion in 1963.
- Nov.-Dec. 1964. Export and Import Fact Sheet. (Reprinted as ERS-For. 108.)
- Dec. 1964. Export Fact Sheet. Fiscal Year 1964-65. (Reprinted as ERS-For. 155.)
- ANGELIDIS, Alex D. and RAHE, Dewain H. Feb. 1963. U. S. Agricultural Exports Totalled \$5 Billion in 1962.
- DEBLOIS, Eleanor N. Dec. 1965. High Level Dollar Exports of U. S. Farm Products for Second Consecutive Fiscal Year. (Reprinted as ERS-For. 150.)
- RAHE, Dewain H. Aug. 1962. 1961-62 U. S. Farm Exports Set Records in Value and Volume.
- RAHE, Dewain H. Nov.-Dec. 1962. U. S. Agricultural Export Prospects for Fiscal 1962-63.
- RAHE, Dewain H. and LEMON, I. E. Aug. 1963. U. S. Agricultural Exports by World Areas 1956-57 Through 1961-62.
- RAHE, Dewain H. Aug. and Sept. 1965. U. S. Agricultural Exports in Fiscal Year 1964-65 Totaled A Record \$6.1 Billion for Second Consecutive Year. (Reprinted as ERS-For. 142.)
- RAHE, Dewain H. Feb. 1965. U. S. Agricultural Exports Rose to a Record \$6 Billion in 1964. (Reprinted as ERS-For. 111.)
- RAHE, Dewain H. Mar. and Apr. 1966. U. S. Agricultural Exports Were Near Record Level in Calendar Year 1965.
- TONTZ, Robert L. and RAHE, Dewain H. Aug. 1963. U. S. Agricultural Exports in Fiscal Year 1962-63 Nearly Equal Previous Year's Record.
- TONTZ, Robert L. and RAHE, DEWAIN H. Aug. 1964. U. S. Agricultural Exports Reached All-time High of \$6.1 Billion in Fiscal Year 1963-64. (Reprinted as ERS-For. 93.)
- TONTZ, Robert L. and RAHE, Dewain H. Nov.-Dec. 1964. U. S. Agricultural Export Prospects for Fiscal Year 1964-65.

TONTZ, Robert L. and ANGELIDIS, Alex. Nov.-Dec. 1964. U. S. Agricultural Export Shares by Regions and States, Fiscal Year 1963-64. (Reprinted as ERS-For. 106.)

TONTZ, Robert L. and RAIIE, Dewain H. Dec. 1965. U. S. Agricultural Export Prospects for Fiscal Year 1965-66.

b. Imports of Agricultural Products

ECONOMIC RESEARCH SERVICE

- Mar. 1962. Import Fact Sheet, Fiscal Year 1961.
- Sept. 1962. 1961-62 Agricultural Imports Rose 3 Percent in Value.
- Jan. 1963. Import Fact Sheet, Fiscal Year 1962.
- Apr. 1964. Import Fact Sheet, Fiscal Year 1963. (Reprinted as ERS-For. 81.)
- Nov. - Dec. 1964. Export and Import Fact Sheet, Fiscal 1963-64. (Reprinted as ERS-For. 108.)
- Jan. - Feb. 1966. Import Fact Sheet, Fiscal Year 1964-65. (Reprinted as ERS-For. 155.)

RAHE, Dewain H.

- Mar. 1963. Agricultural Imports in 1962 Increased by 5 Percent.
- Sept. 1963. Agricultural Imports Increased by 4 Percent in Fiscal 1962-63.
- June 1965. U. S. Agricultural Imports Gained 2 Percent in Calendar 1964.
- Oct. 1965. U. S. Agricultural Imports Declined 3 Percent in Fiscal 1964-65.

c. Trade by Commodities

ECONOMIC RESEARCH SERVICE

- June 1961. Calendar Year 1960
- Dec. 1961. Fiscal Year 1960-61
- May 1962. Calendar Year 1961
- Jan. 1963. Fiscal Year 1961-62
- Mar. 1964. Fiscal Year 1962-63.
- June 1964. Calendar Year 1963
- Dec. 1964. Fiscal Year 1963-64
- Aug. 1965. Calendar Year 1964
- Dec. 1965. Sup. Fiscal Year 1964-65

d. Trade by Countries and Areas

ECONOMIC RESEARCH SERVICE

- Aug. 1961. Calendar Year 1960
- Feb. 1962. Fiscal Year 1960-61
- Sept. 1962. Calendar Year 1961
- Apr. 1963. Fiscal Year 1961-62
- Nov. 1963. Sup. Calendar Year 1962
- May 1964. Sup. Fiscal Year 1962-63
- Oct. 1964. Sup. Calendar Year 1963
- Apr. 1965. Sup. Fiscal Year 1963-64

ECONOMIC RESEARCH SERVICE, Aug. 1961.

Europe and Asia Take Most of 1960 U. S. Agricultural Export Grains.

ANGELIDIS, Alex D. and TONTZ, Robert L.

Oct. 1963. U. S. Trade With the European Soviet Bloc. (Reprinted in ERS-For. 65.)

June 1964. European Free Trade Area's Agricultural Imports. (Reprinted in ERS-For. 90.)

ANGELIDIS, Alex D. and RAIIE, Dewain H. Dec. 1963. Regional Distribution of Exports.

DEBLOIS, Eleanor N. June 1965. Dollar Sales to Europe and Asia Led \$1 Billion Increase in Fiscal 1963-64 Exports. (Reprinted as ERS-For. 130.)

RAHE, Dewain H. and ANGELIDIS, Alex. Jan. 1963. U. S. Agricultural Exports by Destination Since 1950.

RAIIE, Dewain H. and ANGELIDIS, Alex. Oct. 1964. Worldwide Market for U. S. Farm Products, Calendar Year 1963.

RAHE, Dewain H. and ANGELIDIS, Alex. Jan. 1965. U. S. Agricultural Imports by Origin, Calendar Year 1958-63.

RAHE, Dewain H.

Jan. 1964. U. S. Agricultural Exports up to Asia and Latin America but down Elsewhere, 1962-63.

Apr. 1964. U. S. Agricultural Imports by Origin, 1952-63. (Fiscal Years)

RAHE, Dewain H. Mar.-Apr. 1965. Exports to Europe and Asia and Imports from Latin America Expanded U. S. Foreign Agricultural Trade in 1963-64 Over 1962-63.

e. Commercial and Government Financed Trade Programs

ECONOMIC RESEARCH SERVICE. Mar.-Apr. 1965. Government Program Export Highlights. Also appears in other issues usually quarterly.

DEBLOIS, Eleanor N.

Jan. 1962. 1960 Government Program Shipments Total 39 Percent of Agricultural Exports.

Aug. 1962. Exports Under Government Financed and Commercial Programs Calendar Year 1961.

Dec. 1962. U. S. Agricultural Exports Under Government Financed Programs 1954-55 Through 1961-62.

Nov.-Dec. 1964. Commercial Sales Dominated Agricultural Exports in Fiscal Year 1963-64. (Reprinted as ERS-For. 107.)

May 1965. Export Payment Assistance to U. S. Agricultural Exports Fiscal Year 1963-64.

Aug.-Sept. 1965. Increased Dollar Sales Brought Agricultural Exports to All time High in 1964. (Reprinted as ERS-For. 140.)

DEBLOIS, Eleanor N. and TONTZ, Robert L.

June 1963. Export Payment Assistance to U. S. Agricultural Exports. Mar. 1964. Export Payment Assistance to U. S. Agricultural Exports, Year Ended June 30, 1963.

Sept. 1964. Government Program and Commercial Exports in Calendar Year 1963.

Government Program Export Highlights Quarterly for Fiscal and Calendar Years by Commodity and by Country. 6 Issues. Oct. 1963 - Sept. 1964.

f. Policies and Trade of European Common Market Countries

ECONOMIC RESEARCH SERVICE. Oct. 1965. Exports to the European Economic Community, July 1964-June 1965.

HIRSCH, Hans G. June 1964. European Common Agricultural Policy on Sugar. (Reprinted as ERS-For. 89.)

HIRSCH, Hans G. Feb. 1965. The Uniform Grain Price in the European Economic Community. (Reprinted as ERS-For. 110.)

HIRSCH, Hans G. Aug. & Sept. 1965. The Fluctuation of EEC Variable Levies. (Reprinted as ERS-For. 141.)

LEARN, Elmer W. Jan. 1963. Long-term Effects of Common Market Grain Policies.

OWEIS, Jiryis S. and ANGELIDIS, Alex D. Apr. 1963. Agricultural Imports of European Common Market.

TONTZ, Robert L. and ANGELIDIS, Alex D. Oct. 1962. U. S. Agricultural Trade with the European Common Market.

URNS, Jane R., and LACEY, Marie L. July 1965. U. S. Trade with the European Economic Community. (Reprinted as ERS-For. 132.)

WARDEN, Thomas A. June 1965. U. S. Agriculture's First Year Under EEC Variable Import Levies. (Reprinted as ERS-For. 134.)

g. Prices and Agricultural Trade - General

ECONOMIC RESEARCH SERVICE

Imports of Fruits and Vegetables Under Quarantine

Oct. 1961, Fiscal Year 1960-61

Feb. 1963, Fiscal Year 1961-62

Mar. 1964, Fiscal 1962-63

May 1965, Fiscal Year 1963-64

ECONOMIC RESEARCH SERVICE

Exports Compared with Imports

Feb. 1965..... 1962 and 1963 compared

Mar. & Apr. 1965..... 1963 and 1964 compared

June 1965..... 1962 and 1964 compared

ECONOMIC RESEARCH SERVICE

- Sept. 1965. Digests of Foreign Agricultural Trade of the United States. (Appears in Periodic Issues of For. Agr. Trade of the U. S.)
- BOGUMILL, John P. 1964. The Use and Limitations of Import Coverage Statistics (Reprinted as ERS-For. 101.)
- GOOLSBY, O. Halbert. 1965. Price Changes of Major Temperate and Tropical Zone Agricultural Exports 1947-1962. (Reprinted as ERS-For. 112.)
- HIRSCH, Hans G. Jan. & Feb. 1966. A Review of the 1965 Price Developments in Foreign Agricultural Trade of the United States. (Reprinted as ERS-For. 156.)
- HIRSCH, Hans G. Mar. & Apr. 1966. Calendar Year 1965 U. S. Agricultural Export Prices Up Slightly.
- TONTZ, Robert L. Jan. 1965 U. S. Foreign Agricultural Trade: A Perspective (Reprinted as ERS-For. 109.)

VI. FOREIGN REGIONAL ANALYSIS DIVISION

A. LONG-RANGE OUTLOOK FOR U. S. FARM PRODUCTS

1. General

- ANDERSON, Wilhelm. 1961. The World Food Deficit, a First Approximation. ERS Unnumb.
- BROWN, Lester R. 1963. Man, Land and Food. FAER 11.
- BROWN, Lester R. 1965. Increasing World Food Output, Problems and Prospects. FAER 25.
- WEST, Quentin. 1962. The World Food Supply: Progress and Promise, *IN* Food One Tool in International Development, Iowa State Press.

2. Food Budget (availability and requirements)

a. World

- ANDERSON, Wilhelm and others. 1961. The World Food Budget 1962 and 1966. FAER 4.
- ANDERSON, Wilhelm and others. 1964. The World Food Budget 1970. FAER 19.

b. Regions

- ECONOMIC RESEARCH SERVICE. 1961
World Food Budget - Supplements
Sup. 1. Africa
Sup. 1. West Africa
Sup. 1. Eastern Europe
Sup. 1. Western Europe
Sup. 1. Far East
Sup. 1. Western Hemisphere

3. Supply, Demand and Trade Projections

a. Africa and West Asia

- ASFLOUR, Edmond Y. 1965. Saudi Arabia Long-Term Projections of Supply of and Demand for Agricultural Products, 1965. ERS Unnumb.
- MUNDLAK, Yair. 1964. Long-Term Projections of Supply and Demand for Agricultural Products in Israel. ERS Unnumb.
- MOE, Lyle E. 1964. Nigeria Projected Level of Demand, Supply, and Imports of Farm Products in 1965 and 1975, With Implications for U. S. Agriculture. ERS-For. 105.
- MOE, Lyle E. Israel: 1965. Supply and Demand Projections for Agricultural Commodities to 1975. ERS-For. 137.
- MOE, Lyle E. Ghana: 1966. Supply and Demand Projections for Farm Products to 1975 with Implications for U. S. Exports. FAER 30.
- STEWART, Ian G. 1962. Nigeria, Determinants of Projected Level of Demand, Supply and Imports of Farm Products in 1965 and 1975. ERS-For. 32.
- STEWART, Ian G. et al. 1965. Ghana: Projected Level of Demand, Supply, and Imports of Agricultural Products in 1965, 1970, and 1975. ERS Unnumb.

b. Europe and Soviet Union

- BERNITZ, Alexander. 1963. Summary and Evaluation of Austria: Projected Level of Supply, Demand, and Trade of Agricultural Products in 1965 and 1975. ERS-For. 56. Summary Issued as ERS-For. 62.
- CLARK, Colin, Oxford U. Oxford England 1962. United Kingdom Projected Level of Supply and Imports of Farm Products in 1965 and 1975. ERS-For. 19.
- ENGLUND, Eric and BERNITZ, Alexander. 1963. United Kingdom Summary and Evaluation of Projected Level of Demand, Supply, and Imports of Farm Products in 1965 and 1975. ERS-For. 50.

- NEMSCHAK, Franz, 1964. Austria: Projected Level of Supply, Demand, and Trade of Agricultural Products in 1965 and 1975. ERS-For. 62.
- TSU, Sheldon and KOONIG, Ernest. 1964. Italian Agriculture: Projections of Supply and Demand in 1965, 1970, and 1975. ERS-For. 68.

c. Far East, South Asia and Oceania

- COHEN, George. 1962. Philippines Long-Term Projections of Supply and Demand for Selected Agricultural Products. Robot Statistics, Inc. Manila, Philippines.
- KEEFER, James F. 1963. Summary and Evaluation of the Philippines: Long-Term Projection of Supply and Demand for Selected Agricultural Products (ERS-For. 34) Implications for U. S. Exports. ERS-For. 58.
- LOKAANATHAN, P. S. 1962. Long-Term Projections of Demand for and Supply of Selected Agricultural Products, 1960-61 to 1975-76. National Council of Applied Res. New Delhi, India.
- PIKE, Clarence E. 1965. Supply of and Demand for Selected Agricultural Products in India, Projections to 1975-76. ERS-For. 100.
- SHINOHARA, Taizo. 1964. Japanese Import Requirements: Projections of Agricultural Supply and Demand for 1965, 1970, and 1975. ERS Unnumb.

d. Western Hemisphere

- ALMINANA, Miguel. 1966. Agricultural Supply and Demand Forecasts-Long-Term Forecasts of the Supply and Demand of Agricultural and Livestock Products in Venezuela. ERS Unnumb.
- HUGGINS, H. D. 1965. Jamaica, Trinidad and Tobago, Leeward Islands, Winward Islands, Barbados, and British Guiana: Projected Levels of Demand, Supply, and Imports of Agricultural Products to 1975. ERS-For. 94.

B. FOREIGN COMPETITION AND DEMAND

1. Food and Agricultural Situation

a. World

- ECONOMIC RESEARCH SERVICE. The World Agricultural Situation
1963 - ERS Unnumb.
1964 - FAER 14
1965 - FAER 22
1966 - FAER 28 Includes Review for 1965.
- ANDERSON, Wilhelm. 1962. The World Agricultural Situation
ERS Unnumb.

b. Regional and Country

ECONOMIC RESEARCH SERVICE

Western Hemisphere

Agricultural Situation

YEAR	PUBLICATION NO.
1963	Sup. 1. to World Agr. Situation
1964	ERS-For. 71
1965	ERS-For. 113
1966	ERS-For. 154

(Includes Review of 1965)

ECONOMIC RESEARCH SERVICE

Western Europe

Agricultural Situation

YEAR	PUBLICATION NO.
1963	Sup. 2 to World Agr. Situation
1964	ERS-For. 72
1965	ERS-For. 114
1966	ERS-For. 149

(Includes Review of 1965)

ECONOMIC RESEARCH SERVICE

USSR and Eastern Europe

Agricultural Situation

YEAR	PUBLICATION NO.
1962	Soviet Union and Other Eastern European Countries ERS-For. 29
1963	Sup. 3 to World Agr. Situation
1964	ERS-For. 73
1965	ERS-For. 115
1966	ERS-For. 151

(Includes Review of 1965)

ECONOMIC RESEARCH SERVICE

Africa and West Asia

Agricultural Situation

YEAR	PUBLICATION NO.
1963	Sup. 5 to World Agr. Situation
1964	ERS-For. 45
1965	ERS-For. 117
1966	ERS-For. 153

(Includes Review of 1965)

ECONOMIC RESEARCH SERVICE

Far East - Mainland China and Oceania

Agricultural Situation

YEAR	PUBLICATION NO.
1963	Sup. 4 to World Agr. Situation
1964	ERS-For. 74
1965	ERS-For. 116
1966	ERS-For. 152

(Includes Review of 1965)

2. Agricultural Policies of Foreign Countries

ECONOMIC RESEARCH SERVICE. 1964. Agricultural Policies of Foreign Governments Including Policies Affecting Agriculture. AH. 132.

LERNER, Stuart. 1961. Agricultural Policy in Pakistan. ERS-For. 64.

LONG, Mary E. 1963. New Zealand's Agricultural Production, Marketing, and Trade Policies and their Bearing on U. S. Farm Exports. FAER 9.

OGDON, Montell. 1962. The New British Commonwealth, Economic and Commercial Policies as Related to Agricultural Production and Trade. FAER 5.

3. Regional and Country Analyses

a. Africa and West Asia

HOLM, Henrietta M. 1961. The Agriculture of Morocco - Programs, Progress, Prospects. ERS-For. 11.

HOLM, Henrietta M. 1964. Israel's Agricultural Economy in Brief. ERS-For. 96.

HOLM, Henrietta M. 1964. Agriculture in Tunisia: Organization, Production, and Trade. ERS-For. 67.

HOLM, Henrietta M. 1964. Turkey's Agricultural Economy in Brief. ERS-For. 97.

KAMP, Ronald E. 1965. The Agricultural Economy of Lebanon. ERS-For. 138.

MONCURE, Robert C. 1964. South Africa's Agricultural Economy in Brief. ERS-For. 103.

SANTMYER, Carolee. 1965. Algeria's Agricultural Economy in Brief. ERS-For. 131.

SANTMYER, Carolee. 1966. Libya's Agricultural Economy in Brief. ERS-For. 147.

SINGLETON, Carey B. 1964. The Agricultural Economy of Tanganyika. ERS-For. 92.

SKINNER, Snider W. 1964. The Agricultural Economy of the Ivory Coast. ERS-For. 69.

SKINNER, Snider W. 1964. Nigeria's Agricultural Economy in Brief. ERS-For. 98.

SKINNER, Snider W. 1965. The Congo's Agricultural Economy in Brief. ERS-For. 121.

TEGELER, Henrietta Holm. 1966. Jordan's Agricultural Economy in Brief. ERS-For. 146.

TEGELER, Henrietta Holm. 1966. The Agriculture of West Asia. ERS-For. 143.

TREACLE, H. Charles. 1965. The Agricultural Economy of Iraq. ERS-For. 125.

WARREN, Cline J. 1964. The Agricultural Economy of the United Arab Republic (Egypt) FAER 21.

WARREN, Cline J. and SANTMYER, Carolee. 1965. Agriculture in Northern Africa. ERS-For. 128.

b. Europe and Soviet Union

(1) Eastern Europe

ECONOMIC RESEARCH SERVICE. 1964. Soviet Agriculture Today. Report of 1963 Agriculture Exchange Delegation. FAER 13.

ECONOMIC RESEARCH SERVICE. 1964. Agriculture in the U. S. and USSR, A Statistical Comparison. ERS Unnumb.

ECONOMIC RESEARCH SERVICE. 1964. USSR Farm Production in 1963. ERS-For. 70.

ECONOMIC RESEARCH SERVICE. 1962. The 1962 Crop Outlook in Communist Countries. ERS-For. 41.

BARNES, Carlton P. 1964. Committee Chairman. Future Crop Yields and Fertilization in the Soviet Union. USDA Unnumb.

BELL, Richard E. 1961. Comparison of Agriculture in the United States and Soviet Union. ERS-For. 9.

BERNITZ, Alexander. 1961. The Agricultural Situation in East Germany. ERS-For. 5.

BROWN, G. Stanley. 1965. U. S. and Russian Agriculture--A Statistical Comparison. ERS-For. 127.

MILLS, Theodora. 1963. Soviet Agricultural Trade, 1955-61. ERS-For. 47.

MILLS, Theodora. 1964. Bulgaria: Foreign Agricultural Trade. ERS-For. 104.

SEVERIN, R. Keith. 1965. Bulgaria's Agricultural Economy in Brief. ERS-For. 136.

VOLIN, Lazar. 1961. Soviet Agriculture: A Continuing Problem. Current History, 41(243).

VOLIN, Lazar. 1962. The Agricultural Picture in USSR and USA. ERS-For. 27.

VOLIN, Lazar. 1962. Khrushchev's Farm Problem - Why He Can't Solve It. U. S. News and World Report, 53(10).

WALTERS, Harry E. 1962. Comparison of Agriculture in the US and USSR. in Joint Economic Comm. of the Congress of the US. Dimensions of Soviet Economic Power, Statistical Appendix.

WALTERS, Harry E. 1963. Agriculture in the US and the Soviet Union. ERS-For. 53.

(2) Western Europe

ECONOMIC RESEARCH SERVICE. 1963. Statistics on the European Economic Community, Vol II -- Agricultural Production and Consumption. ERS-For. 46.

BERNITZ, Alexander. 1963. An Evaluation of West Germany's Domestic Agricultural Assistance Program. ERS-For. 52.

LEARN, Elmer W. and HOUCK, James P. Jr. 1961. An Evaluation of Market Development Projects in West Germany Under Section 104(a) of Public Law 480. Minn. Agr. Expt. Sta. B. 455.

O'DONNELL, P. E. 1963. Agriculture and the European Common Market International Journal of Agrarian Affairs. 6(3).

SCHLEGEL, Woodrow A. 1964. Spanish Agriculture -- Its Competitive Position. FAER 18.

STELLY, Randall and KIRBY, James E. 1961. Developing Markets for U. S. Agricultural Commodities in Italy -- An Economic Evaluation. Texas Agr. Expt. Sta. A&M Col. of Texas. M. 539.

TSU, Sheldon. 1963. Independence of Danish Agriculture. ERS-For. 63.

c. Far East - South Asia and Oceania

BROWN, Lester R. 1961. An Economic Analysis of Far Eastern Agriculture. FAER 2.

BROWN, Lester R. 1961. The Japanese Agricultural Economy, ERS-For. 7.

- BROWN, Lester R. 1962. Food Consumption and Expenditures: India, Japan, United States. ERS-For. 42.
- BROWN, Lester R. 1963. Agricultural Diversification and Economic Development in Thailand: A Case Study. FAER 8.
- CHUGG, Boyd A. 1965. Agriculture in the Southeast Asian Rice Bowl and its Relation to U. S. Farm Exports. FAER 26.
- HALL, William F. 1961. P. L. 480's Contribution to India's Economic Development. ERS-For. 8.
- HALL, William F. 1964. Agriculture in India. ERS-For. 64.
- HALL, William F. 1965. Agriculture in Pakistan. ERS-For. 129.
- LARSEN, Marion R. 1963. The Agricultural Situation and Crop Prospects in Communist China. FAER 10.
- LARSEN, Marion R. 1965. Agricultural Economy of North Vietnam. ERS-For. 123.
- LELE, Uma J. and MELLOR, John W. 1964. Estimates of Change and Causes of Change in Foodgrains Production, India, 1949-50 to 1960-61, Cornell Intl. Agr. Development B. 2.
- LONG, Mary E. 1961. Australia's Agricultural Production and Trade Policies Affecting U. S. Farm Exports. FAER 3.
- LONG, Mary E. 1962. New Zealand Introduces New Trade Controls for 1962-63. ERS-For. 37.
- McCONNELL, Robert M. 1964. A Survey of Agriculture in Malaysia. ERS-For. 95.
- OGDEN, Montell. 1964. Questions to be Answered. Farmer's World. YB.
- ROSS, James E. and KIRBY, Riley H. 1961. South Korea's Agricultural Economy. ERS-For. 2.
- ROSS, James E. 1961. Trends in Philippine Agricultural Trade. ERS-For. 3.
- SMITH, Harold D. 1963. Agricultural Production and Consumption Patterns, and Market Potential in Thailand. Md. Agr. Expt. Sta. M. 490.
- SPAETH, David H. 1962. Communist China -- A Crucial Period for its Agricultural Economy. ERS-For. 31.
- SPAETH, David H. 1962. Individual Incentive Prods Red China To Change Commune System. ERS-For. 40.
- SPURLOCK, Hughes H. 1964. Trends and Developments in Japan's Economy Affecting the Market for U. S. Farm Products. 1950-62. FAER 16.
- d. Western Hemisphere**
- ECONOMIC RESEARCH SERVICE. 1962. Cuba Shifts Trade in Farm Products to Soviet Bloc. ERS-For. 23.
- COYNER, Mary S. 1962. Agriculture and Trade of Honduras. ERS-For 33.
- COYNER, Mary S. 1963. El Salvador. Its Agriculture and Trade. ERS-For. 49.
- COYNER, Mary S. Nicaragua. 1964. Recent Shifts in Farm Output and Trade. ERS-For. 77.
- COYNER, Mary S. 1964. The Agriculture and Trade of Costa Rica. ERS-For. 102.
- DAVENPORT, Charles R. 1964. The Inter-American System. Farmer's World. YB.
- FARNWORTH, Constance F. and MEARS, Leon G. 1961. U. S. Farm Products Find Market and Competition in Venezuela. FAER 1.
- LYNCH, John V. 1962. Uruguay's Agricultural Situation and Outlook. ERS-For. 18.
- MEARS, Leon G. 1962. Agriculture and Food Situation in Cuba. ERS-For. 28.
- MEARS, Leon G. 1963. The Dominican Republic-Agriculture and Trade. ERS-For. 51.
- PATTY, Gordon. 1961. Agriculture and Trade of Paraguay. ERS-For. 6.
- PATTY, Gordon. 1964. Chile. Recent Trends in Agricultural Production and Trade. ERS-For. 84.
- SANDERSON, Agnes G. 1962. The Agricultural Economy of Surinam. ERS-For. 35.
- SANDERSON, Agnes G. 1963. British Guiana Its Agriculture and Trade. ERS-For. 45.
- SANDERSON, Agnes G. 1964. French West Indies. Agricultural Production and Trade. ERS-For. 80.
- SANDERSON, Agnes G. 1965. Notes on the Agricultural Economies of Dependent Territories in the Western Hemisphere and Puerto Rico. ERS-For. 145.
- C. QUANTITATIVE EVALUATION OF FOREIGN PRODUCTION UTILIZATION AND TRADE IN FARM PRODUCTS**
- 1. Production Indices - Annual measures of change in agricultural production.**
- a. ECONOMIC RESEARCH SERVICE
Africa and West Asia
Production Indices
- | YEAR | NO. |
|------|--------------------------------------|
| 1961 | 12 Near East Countries - ERS Unnumb. |
| 1961 | 28 African Countries - ERS Unnumb. |
| 1962 | 10 Near East Countries - ERS Unnumb. |
| 1962 | 28 African Countries - ERS Unnumb. |
| 1963 | 10 Near East Countries - ERS Unnumb. |
| 1963 | 28 African Countries - ERS Unnumb. |
| 1965 | 10 Near East Countries - ERS Unnumb. |
| 1965 | 29 African Countries - ERS Unnumb. |
- b. ECONOMIC RESEARCH SERVICE
Far East, South Asia and Oceania
Production Indices
- | YEAR | NO. |
|------|---|
| 1961 | Australia and New Zealand - ERS Unnumb. |
| 1961 | Far East and South Asia - ERS Unnumb. |
| 1962 | Far East and South Asia - ERS Unnumb. |
| 1963 | Australia and New Zealand - ERS Unnumb. |
| 1963 | Far East and South Asia - ERS Unnumb. |
| 1964 | Australia and New Zealand - ERS Unnumb. |
| 1966 | East Asia, South Asia and Oceania - ERS Unnumb. |
- c. ECONOMIC RESEARCH SERVICE
Western Hemisphere
(20 Latin American Countries)
Production Indices
- | YEAR | NO. |
|------|-------------|
| 1961 | ERS Unnumb. |
| 1962 | ERS-For. 44 |
| 1963 | ERS-For. 44 |
| 1964 | ERS-For. 44 |
- (Includes tables for Jamaica and Trinidad)
1965 ERS-For. 44
(Includes tables for Jamaica, Trinidad and Tobago)
(Revised 1954-64 Prelim. 1965)
- 2. Food Balances - Available daily per capita supplies by sources in terms of calories and grams of protein and fat.**
- a. Africa and West Asia
- ECONOMIC RESEARCH SERVICE. 1965. 30 Countries in Africa and West Asia, 1959-61. ERS-For. 119.
- ECONOMIC RESEARCH SERVICE. 1965. 30 Countries in Africa and West Asia, Projected 1970. Sup. 3. FAER 19.
- b. Europe and Soviet Union
- ECONOMIC RESEARCH SERVICE. 1964. 16 Countries of Western Europe, 1959-61. ERS-For. 87.
- ECONOMIC RESEARCH SERVICE. 1965. 8 East European Countries Projected 1970. Sup. 2. FAER 19.
- ECONOMIC RESEARCH SERVICE. 1965. 8 East European Countries, 1959-61. ERS-For. 124.
- c. Far East, South Asia and Oceania
- ECONOMIC RESEARCH SERVICE. 1964. 12 Countries in the Far East and Oceania, 1959-61. ERS-For. 88.
- ECONOMIC RESEARCH SERVICE. 1965. 12 Countries in the Far East and Oceania, Projected 1970. Sup. 4. FAER 19.

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d. Western Hemisphere

ECONOMIC RESEARCH SERVICE. 1964. 24 Countries of the Western Hemisphere, 1959-61. ERS-For. 86.

ECONOMIC RESEARCH SERVICE. 1965. 24 Countries of the Western Hemisphere, Projected 1970. Sup. 1. FAER 19.

3. Trade

GIBBONS, Charles A. 1964. Background of Trade. *In* Farmer's World. YB.

MILLS, Theodora. 1964. East-West Agricultural Trade. *In* Farmer's World. YB.

RICHARDS, Stanley I. 1964. Trends in India's Agricultural Trade, 1964. FAER 15.

SPURLOCK, Hughes H. 1962. Trends and Developments in Communist China's World Trade in Farm Products 1955-60. FAER 6.

D. NOT OTHERWISE CLASSIFIED

GUIDRY, Nelson P. 1964. A Graphic Summary of World Agriculture, ERS Unnumb.

KIRBY, Riley H. and PHIPARD, Esther F. 1964. Nutritional Status of the World. *In* Farmer's World. YB.