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## Selected Recent Research Publications in Agricultural Economics Issued by the Bureau of Agricultural Economics and Cooperatively by the State Colleges<sup>1</sup>

ALLEGGER, DANIEL E., and THARP, MAX M. CURRENT FARM LEASING PRACTICES IN FLORIDA. Fla. Agr. Expt. Sta. Bul. 13, Southern Cooperative Series, 28 pp., illus. June 1951. (BAE cooperating.)

Describes current practices and lists items to be considered in making a farm lease.

BRODELL, ALBERT P., and KENDALL, ALBERT R. FARM CONSUMPTION OF LIQUEFIED PETROLEUM GASES. 7 pp. Washington, D. C. July 1951. (Processed.)

Total farm consumption of liquid petroleum gases was estimated at more than a half-billion gallons in 1949. Sales in 1950 were more than 25 percent above 1949 sales.

BRODELL, ALBERT P., and SCHOLL, JOHN C. PLANTING AND FERTILIZING CORN. U. S. Bur. Agr. Econ. F.M. 84, 8 pp. June 1951. (Processed.)

Material obtained from voluntary crop reporters on methods and rate of planting, distance between rows, and use of commercial fertilizers.

BRODELL, ALBERT P., and BURKHEAD, CHARLES E. SPRAYING AND DUSTING THE MAJOR FIELD CROPS. 6 pp. Washington, D. C. July 1951. (Processed.)

Contains estimates of the 1949 acreage of field corn and small-grain crops harvested that were sprayed or dusted for insects.

CHRISTENSEN, RAYMOND P., and MIGHELL, RONALD L. INTERREGIONAL COMPETITION IN THE PRODUCTION OF CHICKENS AND EGGS. U. S. Dept. Agr. Tech. Bul. 1031, 71 pp., illus. July 1951.

Concerned with such questions as, Why is production of chickens and eggs so widely distributed in this country? Why do prices received by farmers differ so much between regions and between areas? Why has production increased much more in some places than in others? How have changes in supply from competing regions affected prices in each region? What important factors are likely to affect regional changes in production the next few years?

CONNER, MAYNARD C. THE MILK MARKET CONTROL LAW IN VIRGINIA. Va. Agr. Expt. Sta. Bul. 444, 49 pp., illus. June 1951. (RMA)

Weights current methods of regulating the dairy industry against alternative approaches.

DAVIS, G. B. QUALITY LOSS IN MARKETING OREGON EARLY-CROP POTATOES. Oreg. Agr. Expt. Sta. Bul. 468, 32 pp., illus. October 1949. (RMA)

Quality can be improved through (1) an increase in maturity; (2) a reduction in mechanical injuries including cuts and bruises; and (3) a decrease in the decay.

ELLICKSON, JOHN C. HAIL INSURANCE ON GROWING CROPS. U. S. Dept. Agr. Agr. Inform. Bul. 56, 20 pp., illus. June 1951.

Deals with types of insurance that may be obtained, settlement of losses, and other provisions of the contracts.

GALLOWAY, ROBERT E., HOUSER, PAUL M., and HOFFSOMMER, HAROLD. COMMUNITY ASPECTS OF LIBRARY PLANNING. Md. Agr. Expt. Sta. Bul. A-56, 32 pp., illus. March 1951.

Has twofold purpose: (1) to serve as a basis for planning expansion of public library facilities in Prince Georges County; (2) to set up a pattern of study and research procedure that will be useful to other counties with similar problems of social organization.

GIBSON, W. L., JR., and HANSING, F. D. FATHER-SON FARM AGREEMENTS. Va. Agr. Expt. Sta. Bul. 9 (Southern Cooperative Series) 35 pp. April 1951.

Major objective is to learn whether father-son farm agreements can be used successfully to establish young men in farming, and to assist aging farmers to keep their farms highly productive.

HAY, DONALD G., and POLSON, ROBERT A. RURAL ORGANIZATIONS IN ONEIDA COUNTY, NEW YORK. N. Y. (Cornell) Agr. Expt. Sta. Bul. 871, 56 pp., illus. May 1951.

Rural areas of the county are characterized by intermingling of farm and nonfarm families. Five types of organizations were examined—spatial groups; institutionalized, formal, and informal organizations, and agencies.

IBACH, DONALD B., and MARX, ROBERT E. FERTILIZER AND LIME USED ON CROPS AND PASTURE, 1947. 31 pp. Bur. Agr. Econ. Washington, D. C. June 1951.

Gives estimates of acreages of different crops fertilized, quantities of plant nutrients used, and distribution of this use among crops by farmers.

<sup>1</sup>Printed reports are indicated as such. All others are processed. State publications may be obtained from the issuing agencies of the respective States.

KRISTJANSON, KRIS. DEVELOPMENT OF IRRIGATED FARMS ON THE MIRAGE FLATS PROJECT. Nebr. Agr. Expt. Sta. Bul. 410, 28 pp. Brookings. June 1951.

Analyzes the planning and settlement of Mirage Flats Project in northwestern Nebraska, which has an average annual rainfall of about 20 inches.

LIMMER, EZEKIEL. CHIEF FACTORS UNDERLYING GENERAL CHANGES IN RAIL FREIGHT RATES, WITH SPECIAL REFERENCE TO FARM PRODUCTS, 1910-51. 58 pp., illus. Bur. Agr. Econ. May 1951. (RMA) (Processed.)

Analyzes, with special reference to agriculture the principal rate-level cases decided by the Interstate Commerce Commission.

LIMMER, EZEKIEL. TRANSPORTATION OF SELECTED AGRICULTURAL COMMODITIES TO LEADING MARKETS BY RAIL AND MOTORTRUCK, 1939-50. 42 pp., illus. Bur. Agr. Econ. June 1951. (RMA) (Processed.)

Presents, for ready reference, selected available statistics relating to the relative share of the total volume of agricultural products moved by the several modes of transportation.

MARX, ROBERT E., and BIRKHEAD, JAMES W. HAY HARVESTING METHODS AND COST. U. S. Dept. Agr. Cir. 868, 122 pp., illus. June 1951.

Discusses investment in machinery, annual cost of using the machinery, labor crews and their costs, and total costs per acre and per ton for each of 15 methods of harvesting.

MULLINS, TROY, and SLUSHER, M. W. COMPARISON OF FARMING SYSTEMS FOR LARGE RICE FARMS IN ARKANSAS. Ark. Agr. Expt. Sta. Bul. 509, 37 pp., illus. June 1951.

Discusses changes in production techniques in Arkansas in the 1940's. The shift from binder-thresher to the combine for harvesting rice and use of artificial driers to dry the combined rice were particularly notable.

NORTH CAROLINA AGRICULTURAL EXTENSION SERVICE. FATHER-SON FARM AGREEMENTS. Southern Farm Mangt. Ext. Pub. 1, 23 pp., illus. (1951) Ext. Services of Ala., Ark., Fla., Ga., La., Miss., N. C., Okla., S. C., Tenn., Tex., and Va., the Farm Found., and U. S. Ext. Serv. cooperating.)

REUSS, LAWRENCE A., and BLANCH, GEORGE T. UTAH'S LAND RESOURCES. Utah Agr. Expt. Sta. Special Rept. 4, 66 pp., illus. June 1951. (BAE cooperating.)

Reseeding of range lands, use of fertilizers, and adoption of improved management practices have aided the expansion of farm production in Utah.

ROBINSON, R. WAYNE. COTTON PRODUCTION PRACTICES IN THE LIMESTONE VALLEY AREAS OF ALABAMA. Ala. Agr. Expt. Sta. Cir. 100, 32 pp., illus. June 1951. (BAE cooperating.)

Extent to which machinery should be substituted for man labor on these farms will depend upon the topography of cotton land on individual farms, future Government-control programs; and relative costs of machinery and labor.

STIPPLER, H. H., and MARTIN, J. W. TRACTOR POWER ON IRRIGATED FARMS IN SOUTHERN IDAHO. U. S. Bur. Agr. Econ. F.M. 81, 116 pp. July 1951.

Somewhat more than 23 percent of all farms in the State reported tractors in use in 1940 and 42 percent so reported in 1945.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. CONSUMER PREFERENCES FOR SELECTED FROZEN CONCENTRATED APPLE JUICE. 21 pp., illus. Washington, D. C. June 1951. (Processed.)

Reaction to three frozen concentrated apple juices was favorable. Most preferred was a blend of several varieties with 0.4 percent acidity.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. USE OF FRUITS BY CHICAGO BAKERS. U. S. Dept. Agr. Agr. Inform. Bul. 42, 87 pp. June 1951. (RMA, PMA, BAIC, and BHNHE cooperating.)

A consumer preference study which attempts to present the conditions that limit the use of various fruits by bakers, the circumstances under which their consumption could be increased.

## Statistical Compilations

HICKS, JOHN A., and WILLIS, CLYDE Z. STATISTICS ON COMMERCIAL PEANUTS, BY SEASONS, 1938-39 TO 1949-50; MONTHS, 1945-46 TO 1949-50. 25 pp. Bur. Agr. Econ. Washington, D. C. June 1951. (Processed.)

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. DAIRY STATISTICS AND RELATED SERIES. U. S. Dept. Agr. Statis. Bul. 100, 87 pp. June 1951.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. FLUCTUATIONS IN CROPS AND WEATHER, 1866-1948. U. S. Dept. Agr. Statis. Bul. 101, 193 pp., illus. June 1951. (RMA)

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. STATISTICAL HANDBOOK OF AGRICULTURE IN THE UNITED STATES. 94 pp., illus. June 1951. (Processed.)



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