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Selected Recent Research Publications in Agricultural Economics Issued by the Bureau of Agricultural Economics and Cooperatively by the State Colleges¹

ALMACK, RONALD B., and HEPPLE, LAWRENCE M. RURAL SOCIAL ORGANIZATION IN DENT COUNTY, MISSOURI. Mo. Agr. Expt. Sta. Research Bul. 458, August 1950. (BAE cooperating.)

In 3 years, Dent County people have adopted much mechanization, and increased livestock and dairy farming. They use more information from public agencies. The county has more organizations and participation in organized groups than ever before.

BACHMAN, KENNETH L., and JONES, RONALD W. SIZES OF FARMS IN THE UNITED STATES. U. S. Dept. Agr. Tech. Bul. 1019, 79 pp., illus. July 1950. (Bur. Census cooperating.)

About 1,590,000, or slightly more than a fourth of all the farms, were classified by 1945 Census as part-time and nominal units, leaving 4,270,000 farming units, covering a wide range of economic conditions and scale of operations.

BOWLES, GLADYS K., DUCOFF, LOUIS J., and HARGOOD, MARGARET JARMAN. THE HIRED FARM WORKING FORCE—1948 AND 1949. WITH SPECIAL REFERENCE TO COVERAGE OF HIRED FARM WORKERS UNDER OLD-AGE AND SURVIVORS INSURANCE. Bur. Agr. Econ. 45 pp. November 1950. (Processed.)

Total number who worked on farms for wages in 1949 reached almost 5.1 million. Approximately 600,000 of these would have been covered by the new law extending old-age and survivors insurance had it been in effect in 1949.

BURNS, D. J., and BEAL, G. M. FACTORS AFFECTING SEASONAL MILK PRODUCTION IN THE BALTIMORE MILKSHED. Md. Agr. Expt. Sta. Bul. A-58, 16 pp., illus. October 1950. (RMA; BAE cooperating.)

"Summer" dairy farms in Baltimore milkshed can be converted from highly seasonal to a relatively uniform production by a series of steps that will increase annual output.

CABLE, C. CURTIS, JR. MARKETING PRACTICES OF NORTHWEST ARKANSAS BROILER PRODUCERS. Ark. Agr. Expt. Sta. Bul. 503, 37 pp., illus. November 1950. (RMA; BAE cooperating.)

A study showing changes in marketing practices of broiler producers in northwest Arkansas, analysis of factors affecting marketing practices, and present marketing relationships between producers and buyers of broilers.

COOK, HUGH L., and HALVORSON, HARLOW. INDUSTRIAL USES AND PREFERENCES FOR NONFAT DRY MILK SOLIDS. Wis. Agr. Expt. Sta. Research Bul. 169, 47 pp., illus. August 1950. (RMA; BAE cooperating.)

Recommendations include expanding the bakery outlook; tailoring the product to the needs of specific users; improving distribution and information.

FOOTE, RICHARD J. THE STATISTICAL ANALYSIS OF CYCLES OR OSCILLATIONS IN TIME SERIES. 19 pp. Bur. Agr. Econ. November 1950. (RMA) (Processed.)

Intended to stimulate interest in autoregression analysis, which appears to be applicable in many fields.

GILCREAST, ROY M. SUGAR BEET PRODUCTION IN THE RED RIVER VALLEY. N. Dak. Agr. Expt. Sta. Bul. 363, 48 pp., illus. December 1950. (RMA; BAE cooperating.)

In this, a major sugar-beet region, the chief opportunities for further mechanization are in pre-harvest operations, especially thinning and blocking.

HECHT, REUBEN W., and BARTON, GLEN T. GAINS IN PRODUCTIVITY OF FARM LABOR. U. S. Dept. Agr. Tech. Bul. 1020, 121 pp., illus. December 1950.

Compared with 40 years ago, a man-hour of farm labor now produces 200 percent more food grains, 100 percent more feed grains, 75 percent more fruits and tree nuts, 50 percent more truck crops and cotton, about 50 percent more milk and poultry products—in short, twice as much farm output for human use.

KOFFSKY, NATHAN M., and LEAR, JEANNE. THE SIZE DISTRIBUTION OF FARM OPERATORS' INCOME IN 1946. 32 pp., illus. Bur. Agr. Econ. September 1950. (RMA) (Processed)

In 1946, off-farm income of farm operators totaled \$4 billion. Net farm income reported in enumerative survey is generally understated because of biases in reporting.

NORTH CENTRAL LIVESTOCK MARKETING RESEARCH COMMITTEE. FROZEN FOOD LOCKERS AND HOME FREEZERS IN MEAT DISTRIBUTION. Wis. Agr. Expt. Sta. Bul. 490. (Regional bul. 21) September 1950. (RMA; Agr. Expt. Stas. of Ill., Ind., Iowa, Kans., Ky., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak., Wis. and BAE cooperating.)

Appraises the position of frozen-food locker plants and home freezers in the over-all pattern of livestock and meat marketing, livestock slaughter, and meat distribution.

PURCELL, MARGARET R. INTERSTATE BARRIERS TO TRUCK TRANSPORTATION. HISTORY AND CURRENT STATUS OF REGULATIONS REGARDING SIZE AND WEIGHT, TAXES, AND OTHER SELECTED PHASES THAT AFFECT TRUCKING. 117 pp., illus. December 1950. (RMA) (Processed.)

Discusses some aspects of highway trade-barrier problems; evolution of problem; increase in trade barriers between World Wars; easing of interstate trucking regulations during World War II; State regulation of commercial motor vehicles.

¹ Processed reports are indicated as such. All others are printed. State publications may be obtained from the issuing agencies of the respective States.

STIPPLER, H. H., and PETERSON, A. W. ELECTRICITY ON FARMS IN NORTHWESTERN WASHINGTON. Bur. Agr. Econ. and State Col., Wash. Inst. Agr. Sci., Agr. Expt. Stas. F.M. 77, 105 pp., illus. June 1950. (RMA; BAE cooperating.) (Processed.)

In 1947, most of the farms had been connected to power lines for 20 years. Study shows that household uses accounted for more electricity consumed than did farm uses; and length of time service had been available had little influence on the amount now consumed on individual farms.

THAIR, PHILIP J. STABILIZING FARM INCOME AGAINST CROP YIELD FLUCTUATIONS. N. Dak. Agr. Expt. Sta. Bul. 362, 31 pp., illus. September 1950.

Apparently no one of the stabilizing techniques studied can alone protect the farm business and provide a minimum living each year from current income. A combination of two or more could achieve this objective.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. CONSUMER PREFERENCES REGARDING APPLES AND WINTER PEARS. U. S. Dept. Agr. Agr. Inform. Bul. 19, 69 pp. 1950. (RMA, PMA, FCA, BHNHE, and representatives from the technical committees who represented the experiment stations cooperating.)

Apples are used more than other fruits by a third of the 80 percent of homemakers who preferred one fruit above others. Taste, usefulness, and health were the major reasons given.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. FIBER CONSUMPTION IN TEXTILES USED FOR PASSENGER AUTOMOBILE INTERIORS. PRELIMINARY SUMMARY REPORT. 5 pp. Washington, D. C. December 1950. (RMA, BHNHE, and PMA cooperating.) (Processed.)

Wool was the leading fiber used in upholstery and sidewall material; cotton led in headlining, seat padding, and sheeting. For all five items, cotton accounted for more than three-fifths of the consumption of all fibers and materials reported.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. MEN'S PREFERENCES AMONG WOOL SUITS, COATS, AND JACKETS. PRELIMINARY SUMMARY REPORT. 21 pp. Bur. Agr. Econ. November 1950. (RMA) (Processed)

Supplements previous survey on men's clothing preferences.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. SUPPLEMENT I TO ABILITY TO DISCRIMINATE AND PREFERENCES IN REGARD TO CANNED ORANGE JUICES, THAT VARY IN BRIX-ACID RATIO. 16 pp. Washington, D. C. January 1951. (RMA) (Processed.)

Describes Experiments III and IV.

Statistical Compilations

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. FEED STATISTICS, INCLUDING WHEAT-RYE-RICE. U. S. Dept. Agr. Statis. Bul. 95, 53 pp. December 1950.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. LIVESTOCK ON FARMS AND RANCHES ON JANUARY 1. NUMBER, VALUE, AND CLASSES 1920-39, BY STATES. U. S. Dept. Agr. Statis. Bul. 88, 103 pp. 1950.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. RATIONS FED TO MILK COWS, 1950. 35 pp. Washington, D. C. January 1951. (Processed.)

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