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7-16-53  
*United Nations Statistical Yearbook 1952.* Prepared by the STATISTICAL OFFICE OF THE UNITED NATIONS. Columbia University Press, New York. 1952. 554 pages. Clothbound \$7.50 paperbound \$6.00.

**T**HIS IS THE FOURTH ISSUE of the Statistical Yearbook. Previous issues were published in 1948, 1950, and 1952. The current issue contains 177 tables, an appendix, and separate alphabetical subject and country indexes. The territorial coverage of the tables is as worldwide as available information permitted. Many tables give world totals. The statistical series for the various countries is presented on as comparable a basis as possible. To that end index numbers were converted to a common base (1948 = 100). Most tables cover 1932-51 (1932/33-1951/52); several cover 1929-51; and

some are brought up to the early part of 1952. Corresponding data for 1928-31 can generally be found in the preceding issues of the Yearbook. The principal information is given under these chapter headings: Agriculture, Balance of Payments, Communications, Construction, Consumption, Education and Culture, Electricity and Gas, External Trade, Finance, Fishing, Forestry, Industrial Production, Internal Trade, Manpower, Manufacturing, Mining and Quarrying, National Income, Population, Public Finance, Social Statistics, Transport, Wages and Prices, Appendix, and Indexes.

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

**BADGER, HENRY T. MARKETING CHARGES FOR CARROTS SOLD IN PITTSBURGH, PA., DEC. 1949-JUNE 1950 AND IN CLEVELAND, OHIO, FEB.-JUNE, 1950.** U. S. Dept. Agr. Marketing Research Rept. 31, 36 pp., illus. (RMA)

From February through June, retail margins for size 72 Western carrots sold in sample stores in Pittsburgh averaged \$1.52 per crate and 23.6 percent of the consumer's dollar during the period; in Cleveland \$1.65 a crate, or 24.6 percent. The figures differed somewhat for Texas carrots. The wholesale margin averaged about 10 percent of the consumer's dollar for Western and Texas carrots in both cities during the respective periods studied.

**BONNEN, C. A., MCARTHUR, W. C., MAGEE, A. C., and HUGHES, W. F. USE OF IRRIGATION WATER ON THE HIGH PLAINS.** Tex. Agr. Expt. Sta. Bul. 756, 43 pp. December 1952. (BAE cooperating.)

Irrigation from wells has greatly increased the stability of agriculture on the High Plains of Texas. Since 1934, the number of wells has increased from 300 to more than 16,000 and the acreage irrigated from 35,000 to more than 2 million.

**CHURCH, DONALD E., and SNITZLER, JAMES R. TRUCKS HAUL INCREASED SHARE OF FRUIT AND VEGETABLE TRAFFIC.** 24 pp. Bur. Agr. Econ. April 1953. (RMA) (Processed.)

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

From 1948 to 1951, the diversion of rail traffic to trucks, as judged by unloads of 8 selected fresh fruits and vegetables at 10 large markets, equaled 12,000 carloads, or 5 percent of the total 1951 unloads. Of this total, somewhat more than half was represented by potatoes and tomatoes.

**FOSSUM, M. TRUMAN. TRADE IN HORTICULTURAL SPECIALTIES. A STATISTICAL COMPENDIUM.** U. S. Dept. Agr. Marketing Research Rept. 33, 116 pp., illus. April 1953. (RMA)

This report presents historical and up-to-date information concerning the production and distribution of floricultural and ornamental horticultural crops. In 1950, horticultural-specialty farms numbered 45,000.

**GAINES, J. P., and DAVIS, JOE F. ELECTRICITY ON FARMS IN THE CLAY HILLS AREA OF MISSISSIPPI.** Miss. Agr. Expt. Sta. Bul. 493, 42 pp., illus. August 1952. (RMA)

Discusses the consumption of electric energy on farms and the place of electricity in the whole scheme of farm mechanization.

**GARLOCK, FRED L., WALLACE, MALCOLM E., BIEMAN, RUSSELL W., and LOVE, HARRY M. FINANCIAL STRUCTURE OF VIRGINIA AGRICULTURE.** U. S. Dept. Agr. Agr. Inform. Bul. 97, 59 pp., illus. February 1953. (Federal Reserve Bank of Richmond and Virginia Polytechnic Inst. cooperating.)

Chief weakness in the financial structure of Virginia agriculture is the large number of commercial farmers

who operate on a scale too small to produce an adequate income. Most of these farmers have little in the way of liquid financial reserves. Their problems include low income, small net worth, little use of credit and an apparent aversion to operating as tenants. Ways to break this circle of relationships are discussed.

**HEADY, EARL O., and OLSON, RUSSELL O.** SUBSTITUTION RELATIONSHIPS, RESOURCE REQUIREMENTS AND INCOME VARIABILITY IN THE UTILIZATION OF FORAGE CROPS. Iowa Agr. Expt. Sta. Research Bul. 390, pp. 867-938. September 1952. (BAE cooperating.)

Farmers find that three sets of relationships determine the forage utilization system that will be most profitable for them: (1) The rate at which forage substitutes for other feeds in the livestock ration and the rate at which forage substitutes for grain in the crop rotation; (2) capital and labor requirements; and (3) risk and uncertainty.

**HECHT, REUBEN W., and MORGAN, Q. MARTIN.** LABOR AND POWER USED FOR FARM ENTERPRISES, PENNSYLVANIA, 1950. U. S. Bur. Agr. Econ. F.M. 102, 32 pp., illus. February 1953.

Man- and power-hours are listed for 16 crops and for milk cows and young dairy stock, and chickens.

**JOHNSON, DEHARD B.** MARKETING CHARGES FOR ORANGES SOLD IN PITTSBURGH AND CLEVELAND, 1949-50 SEASON. U. S. Dept. Agr. Marketing Research Rept. 27, 40 pp., illus. January 1953. (RMA)

Retail margins averaged \$1.93 a box (23.3 percent of the retail price) for California oranges sold in Pittsburgh and \$2.01 a box (23.2 percent of the retail price) in Cleveland. The corresponding figures for Florida oranges were: For Pittsburgh \$1.77 a box (24.4 percent of the retail price) and for Cleveland \$1.79 a box (23.1 percent of the retail price). The time periods covered differ for the two cities—for Pittsburgh December through June and for Cleveland February through June. Therefore, the comparisons are not exact.

**LARIMORE, DONALD E., and BLACK, JOHN D.** EXTENSION EDUCATION IN MARKETING IN THE COOPERATIVE FEDERAL-STATE AGRICULTURE EXTENSION SERVICE OF THE UNITED STATES—AN EXPLORATORY STUDY. Harvard Studies in Marketing Farm Products 6-H, 64 pp. January 1953. (RMA, BAE cooperating.)

Inventories existing extension activities in agricultural marketing, which cover a wide range, and presents an outline of a systematic and orderly extension program that could be put into effect by individual State extension services.

**MCDANIEL, W. E., and POND, G. A.** CHANGES IN THE DAIRY FARMING PICTURE, THEIR EFFECT ON FARMERS' EARNINGS AT VARIOUS PRICE LEVELS. Minn. Agr. Expt. Sta. Bul. 416, 20 pp., illus. January 1953. (BAE cooperating.)

These changes include substitution of mechanical for animal power, general mechanization of the farm business, and adoption of new varieties of crops and new practices in crop and livestock production. These new techniques have resulted in increased output per man, per acre, and per animal. The increased earnings are highest in years when the purchasing power of farm products is relatively high.

**MORGAN, Q. MARTIN, and HECHT, REUBEN W.** LABOR AND POWER USED FOR FARM ENTERPRISES, MISSISSIPPI, 1950. U. S. Bur. Agr. Econ. F.M. 103, 31 pp., illus. April 1953. (Processed.)

Lists required man- and power-hours for 16 crops and for milk cows, other cattle, hogs, and chickens.

**UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS.** CROP PRODUCTION PRACTICES, LABOR, POWER, AND MATERIALS, BY OPERATION, MOUNTAIN AND PACIFIC STATES. U. S. Bur. Agr. Econ. F.M. 92, Sec. 5, 302 pp., illus. March 1953. (Processed.)

Presents information for such irrigated and non-irrigated crops as barley, corn, grain sorghum, and wheat, among others.

**UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS, and BUREAU OF EMPLOYMENT SECURITY, UNITED STATES DEPARTMENT OF LABOR.** UNEMPLOYMENT AND PARTIAL EMPLOYMENT OF HIRED FARM WORKERS IN FOUR AREAS (A SUMMARY REPORT). 18 pp., illus. April 1953.

Shows some data concerning the characteristics of the group of workers surveyed, their status in the farm labor force, patterns of employment and unemployment, and willingness to accept farm and nonfarm jobs during off seasons. Most of the data relate to the 12 months immediately preceding May 1952 when the survey was made.

#### Statistical Compilations

**UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS.** POTATOES: ACREAGE, PRODUCTION, VALUE, FARM DISPOSITION, JAN. 1 STOCKS (1866-1950). U. S. Dept. Agr. Statis. Bul. 122, 109 pp., illus. March 1953.

**UNITED STATES BUREAU OF THE CENSUS and BUREAU OF AGRICULTURAL ECONOMICS.** 1950 CENSUS OF AGRICULTURE. SPECIAL REPORTS. FARM-MORTGAGE DEBT. Cooperative Rept. v. 5, pt. 8, 35 pp., illus. December 1952.

**UNITED STATES BUREAU OF THE CENSUS and BUREAU OF AGRICULTURAL ECONOMICS.** 1950 CENSUS OF AGRICULTURE. SPECIAL REPORTS. IRRIGATION 1950. A GRAPHIC SUMMARY. Cooperative Report. v. 5, pt. 7, 35 pp., illus. Washington, D. C., Govt. print. off. 1952.

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