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

BAILEY, WARREN R., and HEDGES, TRIMBLE R. ECONOMICS OF MECHANICAL COTTON HARVESTING IN THE SAN JOAQUIN VALLEY—1949. California Agr. Expt. Sta. and Bur. Agr. Econ. 48 pp., illus. Berkeley. January 1951. (RMA). (Processed.)

Machine picking, including picking costs, field waste, and grade loss, was found to have an economic advantage ranging from \$3.33 in the north to \$24.03 on the west side. For the Valley as a whole, it amounted to \$18.83.

BOUCHARD, ROLAND J. A., and PERRY, A. L. THE DEVELOPMENT OF EXTERNAL DEFECTS IN MAINE POTATOES AT RETAIL STORES IN BOSTON, MASSACHUSETTS, FEBRUARY AND MARCH 1950. Me. Agr. Expt. Sta. Bul. 486, 24 pp., illus. November 1950. (RMA; BAE and PMA cooperating)

Total external grade defects in Maine potatoes increased approximately 57 percent from time potatoes arrived at retail stores until they were sold. Three-fourths of increase was due to increase in cuts and bruises. More careful handling is indicated.

FRICK, G. E., and WEEKS, S. B. WHEN TO HIRE AND WHEN TO OWN FARM EQUIPMENT ON NEW ENGLAND DAIRY FARMS. N. H. Ext. Cir. 302, 11 pp. March 1951. (RMA; BAE cooperating.)

Authors conclude that intelligent use of custom-hired farm machinery can assist in decreasing costs on dairy farms.

HARRIS, MARSHALL, and HILL, ELTON B. FAMILY FARM-TRANSFER ARRANGEMENTS. Ill. Ext. Serv. Cir. 680, 40 pp., illus. April 1951. (North Central Regional Publication No. 18) (Agr. Expt. Stas. of Ill., Ind., Ia., Kans., Ky., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak., and Wis., Farm. Found., and BAE cooperating.)

Designed to answer these questions: Does a member of your family wish to operate and eventually own the home farm? Do you wish to keep the farm in the family? If so, when should the plan for transfer be made and what kind of plan is best for all concerned?

HILL, ELTON B., and HARRIS, MARSHALL. FAMILY-FARM OPERATING AGREEMENTS. Mich. Agr. Expt. Sta. Special Bul. 368, 38 pp., illus. January 1951. (Agr. Expt. Stas. of Ill., Ind., Ia., Kans., Ky., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak., Wis., the Farm Found., and BAE cooperating) (North Central Regional Publication 17)

Sets forth advantages of family-farm operating agreements; discusses types of agreements in use, general problems to be considered and some possible special problems.

HUGHES, WILLIAM F., and MOTHERAL, JOE R. IRRIGATED AGRICULTURE IN TEXAS. Tex. Agr. Expt. Sta. Misc. Pub. 59, 37 pp., illus. September 1950. (BAE cooperating.)

Information as to the trends in irrigation development, acres irrigated by different types of water, acreage, yield, and farm value of irrigated crops, and acres and number of farms served by the different types of organizations that provide water.

HURLBURT, VIRGIL L. BUYING OF FARMS IN STORY COUNTY, IOWA, 1940-58. Iowa Agr. Expt. Sta. Research Bul. 378, pp. 982-1015, illus. December 1950. (BAE cooperating)

Deals primarily with the buyer's side of the land market, with analysis of procedures followed by buyers in purchasing land.

OREGON AGRICULTURAL EXPERIMENT STATION. SIGNIFICANCE OF QUALITY LOSS IN MARKETING EARLY IDAHO-OREGON POTATOES. Oreg. Agr. Expt. Sta. Bul. 495, 31 pp., illus. January 1951. (Western Regional Research Publication) (RMA; Idaho Agr. Expt. Sta., Oreg. and Idaho State Dept. Agr., and BAE cooperating.)

Defects in quality were relatively high before the potatoes left shipping point. By time they arrived at terminal market, quality defects per 100-pound sack had almost doubled.

RUSH, JOHN D. ANALYSIS OF 17,906 FATAL FARM-WORK ACCIDENTS IN THE UNITED STATES, 1940-48. Bur. Agr. Econ. 23 pp., illus. April 1951. (Processed.)

Points up need for safety education in elementary schools, colleges, and universities, for integration of the information into normal study courses and its dissemination to farms.

SCOVILLE, O. J., and HODGES, J. A. PRACTICES AND COSTS ON WHEAT FARMS IN WESTERN KANSAS, 1947. Kans. Agr. Expt. Sta. Cir. 268, 27 pp., illus. December 1950. (BAE cooperating.)

Presents up-to-date information as to organization of wheat farms, production practices, current investments in machinery and equipment, and the more significant items of cost.

SIMS, GROVER J. MEAT AND MEAT ANIMALS IN WORLD WAR II. U. S. Dept. Agr. Monog. 9, 149 pp. February 1951.

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

Shows trend in production of meat and meat animals and in consumption of meat; meat-animal goals; price-support programs; price control, subsidy programs, and distribution policies.

SLUSHER, M. W., and SCOGGINS, HAROLD. COTTON PRODUCTION PRACTICES IN ARKANSAS. Ark. Agr. Expt. Sta. Bul. 507, 91 pp., illus. April 1951. (BAE cooperating.)

Authors conclude that the cotton picker has not gained widespread use more because of economic reasons than of mechanical short-comings of machine. Its use is limited by its high price and necessity for level fields, free of obstructions.

SOUTHERN, JOHN H. FARM LAND OWNERSHIP IN THE SOUTHWEST. Ark. Agr. Expt. Sta. Bul. 502, 47 pp., illus. December 1950. (Agr. Expt. Stas. of La., Miss., Okla. and Tex., Farm Found., and U. S. Dept. Agr. cooperating) (Southwestern Regional Bul. 3)

Attempts to answer these questions: Who owns the farm lands of the Southwest? How is farm land held? How did these owners acquire their holdings? What plans do owners have for disposition of their lands?

THARP, MAX M., and ELLIS, HAROLD H. FATHER-SON FARM-OPERATING AGREEMENTS. U. S. Dept. Agr. Farmers' Bul. 2026, 37 pp., illus. March 1951.

Provides general information for fathers and sons who want to operate farms together for mutual benefit. Discusses father-son farm-operating agreements in detail.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. FARM PRODUCTION AND MANPOWER REQUIREMENTS. 4 pp. Washington, D. C. March 1951.

If efforts to meet the Nation's requirements are successful, the index of farm output this year will reach 143 percent of the 1935-39 average which would be the largest output of record. It is essential that a basic core of experienced regular workers be retained on farms.

UNITED STATES BUREAU OF AGRICULTURAL ECONOMICS. REVIEW AND OUTLOOK: NAVAL STORES. 27 pp., illus. Washington, D. C. April 1951. (Processed)

Prices of naval stores have fluctuated violently over the last 50 years.

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