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Agricultural Labor in North America: Policies and Problems, 1979-85

Compiled and Edited by
Charles N. Bebee
National Agricultural Library

Bibliographies and Literature
of Agriculture Number 50

United States Department of Agriculture
National Agricultural Library
Beltsville, Maryland 20705

August 1986

INTRODUCTION

Agricultural labor policies and problems are among the major concerns facing the American farmer. This bibliography brings together a collection of books and papers on a wide variety of issues of interest to agricultural policymakers throughout the North American Continent.

Subject matter is divided according to the section headings currently used in AGRICOLA (Agricultural On-Line Access), the database of the National Agricultural Library. Each entry appears under as many section headings as were assigned to the document at the time it was entered into the collection. Any comments or criticisms may be forwarded to the compiler:

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Interlibrary Loans
University of California Library
Davis, CA 95616 (916)752-2251

Interlibrary Loans
Bio-Ag Science Libraries
University of California
Riverside, CA 92502 (714)787-3701

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Interlibrary Loans
Colorado State University Library
Ft. Collins, CO 80523 (303)491-5911

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Hume Library
University of Florida
Gainesville, FL 32601 (904)392-1934

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Science Library
University of Georgia
Athens, GA 30601 (404)542-1315

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Interlibrary Loans
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University of Hawaii
Honolulu, HI 96843 (808)948-8568

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University of Idaho Library
Moscow, ID 83843 (208)885-6559

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Interlibrary Loan
Iowa State University Library
Ames, IA 50010 (515)294-3642

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Kansas State University Library
Manhattan, KS 66506 (913)532-6516

Louisiana

Interlibrary Loans
Louisiana State University Library
Baton Rouge, LA 70803 (504)388-2138

Michigan

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East Lansing, MI 48824 (517)355-7644

Minnesota

St. Paul Campus Library
University of Minnesota
St. Paul, MN 55108 (612)373-0968

Mississippi

Interlibrary Loans
Mitchell Memorial Library
Mississippi State University
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Mississippi, MS 39762 (601)325-4225

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University of Missouri
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Ellis Library
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C. Y. Thompson Library
University of Nebraska, East Campus
Lincoln, NE 68503 (402)472-2802

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Life & Health Science Library
Fleischmann Agricultural Building
University of Nevada, Reno
Reno, NV 89557 (702)784-6616

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Interlibrary Loans
New Mexico State University Library
P. O. Box 3475
Las Cruces, NM 88003 (505)646-4737

New York

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North Carolina State University
Raleigh, NC 27607 (919)737-2116

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North Dakota State University Library
Fargo, ND 58102 (701)237-8885

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Interlibrary Loan
Ohio State University Library
1858 Neil Avenue Mall
Columbus, OH 43210 (614)422-6211

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Interlibrary Loans
Oklahoma State University Library
Stillwater, OK 74074 (405)624-6313

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Washington State University Library
Pullman, WA 99164 (509)335-2671

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Interlibrary Loan Services
Mann Library
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Ithaca, NY 14850 (607)256-7754

Puerto Rico

University of Puerto Rico
Agricultural Experiment Station Library
P. O. Box H
Rio Piedras, PR 00928 (809)767-9705

South Carolina

Interlibrary Loans
Robert Meldrow Cooper Library
Clemson University
Clemson, SC 29631 (803)656-3025

South Dakota

H. M. Briggs Library
P. O. Box 2115
South Dakota State University
Brookings, SD 57000 (605)688-5106

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James D. Hoskins Library
University of Tennessee
Knoxville, TN 37916 (615)974-4240

Texas

Interlibrary Loans
University Library
Texas A&M University
College Station, TX 77843 (713)845-5641

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Interlibrary Loans
Merrill Library
Utah State University
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Washington State University
Pullman, WA 99164 (509)335-2671

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Steenbock Memorial Library
University of Wisconsin
550 Babcock Drive
Madison, WI 53706 (608)262-9635

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0002

California hired farm labor and law: Basic information on child labor and agriculture. Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21081). 2 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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California hired farm labor and law: Basic procedure of the Agricultural Labor Relations Act. Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21079). 6 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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California hired farm labor and law: Field sanitation (Legislation). Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21075). 3 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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California hired farm labor and law: Regulating farm labor contracting. Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21071). 23 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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0008

Feeding the hand that bites you (Migrant social services for Pennsylvania, Farm Workers Corporation). Willoughby, Oh. Meister Publishing Co. American vegetable grower and greenhouse grower. May. 1979. v. 27 (5). p. 66, 68. (NAL Call No.: 80 C733).

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Hearing loss: that noise is more than annoying. Krupicka, L. Strange, M. Walthill, Neb. : Center for Rural Affairs, 1984. It's not all sunshine and fresh air : chronic health effects of modern farming practices / editor, Marty strange. p. 1-5. Includes 9 references. (NAL Call No.: DNAL RC965.A517).

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United States - Crop Reporting Board. (Washington) Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, Crop Reporting Board 1978. 84 p. : ill. ; 27 cm. (NAL Call No.: aHD1525.U55).

0011

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Mmaret, E. Chenoweth, L. Provo, Utah, Rural
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0013

**Labor-intensive agriculture (USA,
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Martin, P.L. SCAMA. New York : Scientific
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v. 249 (4). p. 54-59. ill. Includes references.
(NAL Call No.: 470 SCI25).

0019

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Klein, D.P. Hyattsville, Md. Science and
Education Administration, U.S. Dept. of
Agriculture. *Family economics review*. United
States. Consumer and Food Economics Institute.
Feb 1978. Feb 1978. p. 45-48. 3 ref. (NAL Call
No.: aTX326.A1U5).

0014

Labor-management relations (in ARS).
Cook, C. Hyattsville, Md., The Service.
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(4th). p. 13-14. (NAL Call No.: aS21.R44A25).

0020

Reflections of a former migrant.

Judson, Horace A., 1941. Baltimore Maryland
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0015

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case of canning tomatoes /by Alain de Janvry,
Phillip LeVeen and David Runsten. -.**
De Janvry, Alain. LeVeen, Phillip.; Runsten,
David. Berkeley, Calif. : s.n. , 1980. Cover
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0021

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economic viability: a conceptual-analytical
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Beck, R.J. Jansma, J.D. University Park, Pa.,
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Young, Mary E.; ed. Springfield, Va. NTIS
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0022

**Work Group B--Image of agricultural research
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aS21.R44A25).

0017

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Kenton, Edith. Springfield, Va. National
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No.: Fiche 87 1979).

0018

**Native co-operative provides employment on
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Montreal. Extract: The article describes the
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a sewing factory employing 15 native women on
an Indian reserve in Saskatchewan. Co-operative

RESEARCH

0023

Career opportunities with the Agricultural Research Service.

Washington, D.C. : The Department. Program aid - United States Department of Agriculture. Jan 1985. (1310, rev). 16 p. (NAL Call No.: DNAL 1 AG84PRO).

0024

Experiment station work, LII compiled from the publications of the agricultural experiment stations : treatment of muck soils, effect of machine milking on cows, manures for Timothy hay, corn breeding, milk supply of cities, yellow berry in wheat, the crow, weed seeds in feeding stuffs, labor, wages, and cost of board in Minnesota, hook-worm disease of cattle /prepared in the Office of Experiment Stations.

-. Washington, D.C. : U.S. Dept. of Agriculture, 1909. 32 p. : ill. -. Includes bibliographical references. (NAL Call No.: DNAL Fiche S-70 no. 366).

0025

Man and machine in agriculture.

Martin, P.L. Johnson, S.S. Davis, Calif., The Service. Economic and social issues - California University, Berkeley, Cooperative Extension Service. Oct/Nov 1978. Oct/Nov 1978. 3 p. (NAL Call No.: HD1775.C2C32).

EDUCATION, EXTENSION, AND ADVISORY WORK

0026

Agricultural information staffs in State land grant universities.
Washington, D.C. Information Services, Federal Extension Service, U.S. Dept. of Agriculture,. Title from cover -Description based on: 1968. v. ; 26 cm. (NAL Call No.: A276.6 F312).

0027

The education of nonmetro blacks.
Fratoe, F.A. Washington, D.C., The Service. ·Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. July 1980. Available from NTIS order no. PB80-222-664. July 1980. (21). 19 p. 36 ref. (NAL Call No.: aHT392.A53).

0028

The education of nonmetro Hispanics.
Fratoe, F.A. Washington, The Service. Extract: This study examines the education of nonmetro Hispanics, their school and college enrollment, and such educational outcomes as employment, occupation, income, and migration. The latest available data are cited in all cases. The data are compared not only by race/ethnicity and metro/nonmetro residence but by other categories wherever feasible. Rural development research report - U.S. Dept. of Agriculture, Economic Research Service. Sept 1981. Sept 1981. (31). 21 p. 43 ref. (NAL Call No.: aHT392.A53).

EDUCATION AND TRAINING NOT EXTENSION

0029

Adaptive agricultural equipment workshops in Michigan (Farm workers with physical disabilities).

Doss, H.J. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1984. Paper presented at the 1984 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1984. (fiche no. 84-5008). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0030

Affective skills of selected agricultural workers and supervisors (Agricultural education programs).

Petty, G.C. Stewart, B.R. Mississippi State, Miss., The Association. The Journal of the American Association of Teacher Educators in Agriculture. July 1982. v. 23 (2). p. 27-34, 50. 7 ref. (NAL Call No.: S530.A4).

0031

Affective work competencies of agriculture workers as compared by age (Relevant to education, Missouri).

Petty, G.C. Stewart, B.R. Mississippi State : The Association. The Journal of the American Association of Teacher Educators in Agriculture. Winter 1983. v. 24 (4). p. 51-58. Includes references. (NAL Call No.: S530.A4).

0032

Applying principles of learning to adult training programs.

Lanese, Lorena D. Englewood Cliffs : Educational Technology Publications, Inc. Abstract: In business, the practice of allowing employees to learn at their own pace has been replaced by some type of systematic planned program. The application of adult learning theories to continuing education is still in the early stages. While some business programs do incorporate some principles of adult learning, for the most part, business establishments do not adopt the training program to the individual worker's goals and learning styles, but rather use 1 main training method to meet the needs of all participants. (emc). Educational technology. March 1983. v. 23 (3). p. 15-17. (NAL Call No.: L11.E32 F&N).

0033

Apprenticeship (grounds maintenance) programs (developed by the U.S. Department of Labor).
Kemmerer, H. Overland Park, Kan., Intertec. Grounds maintenance. Mar 1980. v. 15 (3). p. 32, 35, 38, 42. ill. (NAL Call No.: SB476.G7).

0034

The educational level of farm residents and workers.

Fratoe, F.A. Washington, D.C., The Service. Abstract: This report examines educational characteristics of the farm-related population, including nonmetro farm residents and workers by race and sex. Members of this population generally lag behind their nonfarm-related counterparts in all areas examined. Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Mar 1979. Available from NTIS order no. PB 293-384. Mar 1979. (8). 24 p. 29 ref. (NAL Call No.: aHT392.A53).

0035

The general equilibrium effects of a minimum wage on training.

Perloff, J.M. Berkeley, The Foundation. Extract: The general equilibrium effects on training of an increase in a minimum wage depend upon workers' attitudes toward risk, the educational production function, and other factors. This paper uses five two- and three-sector models of minimum wage economies with incomplete coverage to examine these effects. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. June 1981. June 1981. (180). 23 p. 8 ref. (NAL Call No.: 916970(AGE)).

0036

History of agricultural education of less than college grade in the United States : a cooperative project of workers in vocational education in agriculture and in related fields / compiled by Rufus W. Stimson and Frank W. Lathrop.

Stimson, Rufus W. (Rufus Whittaker). Washington U.S. G.P.O. For sale by the Supt. of Docs., U.S. G.P.O. 1942. viii, 648 p. : ill. ; 23 cm. - Includes bibliographical references. (NAL Call No.: MLCM 83/417).

0037

Labor force growth and employment expansion in Hawaii / Tu Duc Pham and Bertrand M. Renaud.
Pham, Tu Duc. (Honolulu) Hawaii Agricultural Experiment Station, University of Hawaii 1979. Cover title. 38, (1) p. : ill. ; 23 cm. - Bibliography: p. 38-(39). (NAL Call No.: 100 H313(1) no. 154).

(EDUCATION AND TRAINING (NOT EXTENSION))

0038

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Martin, W.E. Lexington, Ky., American Agricultural Economics Association. Extract: In August 1976, the U.S. District Court for the District of Columbia in the case of National Land for People, Inc. v. Bureau of Reclamation et al., ordered the Department of the Interior to initiate rulemaking proceedings with respect to the criteria and procedures to be used in approving the sales of excess lands under the 1902 Reclamation Law. These terms and conditions are quite restrictive. The major beneficiaries of the law will not be landless farm workers. They will be Bureau personnel and the large corps of lawyers required for the inevitable court challenges. American journal of agricultural economics. Dec 1978. v. 60 (5). p. 923-928. 18 ref. (NAL Call No.: 280.8 J822).

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LeVeen, E.P. Berkeley, The Foundation. Extract: The relationship between farm size and the organization and nature of the rural economy and society are investigated with reference to the possible impact of imposing acreage and residency requirements. The analysis is developed using the example of Fresno County, California. Two sets of Fresno County Census tracts - one representing the kind of agriculture likely to prevail under the imposition of the Reclamation Act and the other representing the industrial system currently dominating - are compared. It is concluded that imposing the Reclamation Act would have important beneficial impacts on the rural community. However, it is also argued that

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Jones, A.R. Fayetteville, Ark. : Arkansas State Horticultural Society. Proceedings of the ... annual meeting - Arkansas State Horticultural Society. 1984. (105th). p. 55-57. (NAL Call No.: DNAL S821.A7A7).

0120

Immigration reform and California agriculture (Illegal aliens, farm labor, legislation, statistics).

Martin, P.L. CAGRA. Mines, R. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1983. v. 37 (1/2). p. 14-15. ill. (NAL Call No.: 100 C12CAG).

0121

Immigration Reform and Control Act of 1983 : hearing before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, first session, on H.R. 1510, June 15, 1983.

United States ~ Congress ~ House ~ Committee on Agriculture. Washington, D.C. U.S. G.P.O. 1983. "Serial no. 98-14.". iv, 386 p. : ill. ; 24 cm. Includes bibliographical references. (NAL Call No.: KF27.A3 1983a).

0122

Impact of labor laws and regulations on agricultural labor markets.

Erven, B.L. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 477-512. Includes 1 ref. (NAL Call No.: HD1525.S4).

0123

International trade in labor versus commodities: U.S.-Mexican agriculture.

Huffman, W.E. Ames, Iowa, American Agricultural Economics Association. Extract: The objective of this paper is to provide an international trade perspective for the illegal immigration issue. In section one, secular changes in illegal immigration rates are presented and discussed. Section two presents a trade perspective, including the product-factor price equalization theorem: patterns of trade between the United States, Mexico, and Canada; evidence from a study of U.S.-Mexican trade in winter tomatoes and agricultural labor; and expected distribution of gains and losses from future Mexican immigration. Conclusions and policy implications are presented in the final section. American journal of agricultural economics. Dec 1982. v. 64 (5). p. 989-998. Includes 38 references. (NAL Call No.: 280.8 J822).

0124

An interpretation of the crew leader registration law.

Polopolus, L. Gainesville, Fla., The Department. Staff paper - University of Florida, Food and Resource Economics Department. Sept 1979. Sept 1979. (133). 15 p. 2 ref. (NAL Call No.: 917032(AGE)).

(LEGISLATION)

0125

Labor laws and Michigan agriculture: 1982.
Shapley, A.E. East Lansing, Mich., The Service. Extension bulletin E - Cooperative Extension Service, Michigan State University. Jan 1982. Jan 1982. (1597). 4 p. (NAL Call No.: 275.29 M58B).

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Labor laws and Michigan agriculture: 1984.
Shapley, A.E. East Lansing, Mich. : The Service. Extension bulletin E - Cooperative Extension Service, Michigan State University. Jan 1984. Jan 1984. (1597). 4 p. (NAL Call No.: 275.29 M58B).

0127

Labor legislation and its effects (Agricultural workers, USA).
Karalekas, S. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 49-53. (NAL Call No.: SB371.N3).

0128

Labor needs to better manage migrant grants in Virginia and improve the process for selecting grantees : report to the Honorable William C. Wampler, House of Representatives / by the Comptroller General of the United States.
United States ~ General Accounting Office. (Washington, D.C.) U.S. General Accounting Office ; for sale by Supt. of Docs. 1981. Includes appendices ~Cover title ~HRD-81-66 ~B-202527. v, 53 p. ; 28 cm. (NAL Call No.: HD8083.V5U5).

0129

Legal entanglements common to Alabama farmers.
Metzger, D.J. Bell, S.C. Auburn, Ala. : The Station. Extract: The primary objective of this study was to point out specific legal situations that Alabama farmers have been involved in and the economic losses suffered. The specific objectives were as follows: 1) to research specific cases, delineate the laws pertaining to each case, and point out specific economic losses suffered by these farmers, and 2) to present the findings in layman terms so that farmers may recognize potential legal problems and be aware of legal responsibilities. Bulletin - Alabama Agricultural Experiment Station. Nov 1982. Nov 1982. (542). 41 p. Includes 65 references. (NAL Call No.: 100 AL1S (1)).

0130

Minnesota farm labor regulations.
Pedersen, D.B. Dahl, D.C.; Grant, W.W. St. Paul, Minn., The Service. Minnesota agricultural economist - Agricultural Extension Service, University of Minnesota. Apr 1982. Apr 1982. (634). 6 p. (NAL Call No.: HD1775.M6M52).

0131

Occupational safety and health in the 1980s (Hawaii Workers' Compensation Law).
Knoll, R.J. Aiea, Hawaii, The Technologists. Reports...Annual conference - Hawaiian Sugar Technologists. 1981. 1981. (39th). p. 26-27. (NAL Call No.: 65.9 H317).

0132

The Olympia picture.
PWHAA. De Long, F. Wenatchee, Wash. : The Association. Proceedings - Washington State Horticultural Association. 1984. (80th). p. 167-170. (NAL Call No.: DNAL 81 W273).

0133

The outlook for the labor force: implications for families.
Klein, D.P. Hyattsville, Md. Science and Education Administration, U.S. Dept. of Agriculture. Family economics review. United States. Consumer and Food Economics Institute. Feb 1978. Feb 1978. p. 45-48. 3 ref. (NAL Call No.: aTX326.A1U5).

0134

Progress through standards in industry--their dynamic future (ASAE standards, manufacturing and agricultural operations, farm workers, USA).

Bellinger, P.L. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1982. Paper presented at the 1982 Winter Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1982. (fiche no. 82-5543). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0135

Reform, eradicate government regulations now
(Seasonal Farm Labor Contractor Act, U.S.).
Eckel, K. Martinsburg, W. Va., The Council.
Proceedings ... annual convention National
Peach Council. 1981. 1981. (40th). p. 58-64.
(NAL Call No.: SB371.N3).

0136

Review of child labor provisions.
Raleigh, N.C. : North Carolina Farm Bureau
Federation. North Carolina farm bureau news.
Nov 1984. v. 55 (10). p. 12-13. (NAL Call No.:
DNAL 275.293 N812).

0137

State and federal laws that apply to farm labor
(Pennsylvania).
University Park, Pa. : The Service. Special
circular - Pennsylvania State University,
Cooperative Extension Service. Nov 1983. Nov
1983. (295). 8 p. (NAL Call No.: 275.29
P382SP).

0138

Your congressman from the Fourth District.
PWHA. Morrison, S. Wenatchee, Wash. : The
Association. Proceedings - Washington State
Horticultural Association. 1984. (80th). p. 46,
48, 50, 52, 54, 56, 58. (NAL Call No.: DNAL 81
W273).

0139

1979 revision: the law and Michigan
agricultural labor.
Shapley, A.E. East Lansing, Mich., The Service.
Extension bulletin. Michigan State University.
Cooperative Extension Service. Jan 1979. Jan
1979. (831). 4 p. 4 ref. (NAL Call No.: 275.29
M58B).

ECONOMICS, DEVELOPMENT, RURAL SOCIOLOGY

0140

Human capital needs of black Land-Grant Institutions.

Parks, A.L. Robbins, R.D. Experiment, Ga. : The Association. Extract: The purpose of this paper is to address some of the problems of human capital shortages within the agricultural sector, within the agricultural economics profession, and within the historically black land-grant institutions. Much of this paper is devoted to addressing some of the concern about the increasing shortages of agricultural expertise. A considerable amount of time is devoted to the labor market conditions for agricultural economists and finally, attention is given to the theoretical issues relating to the segmented labor markets of black agricultural economists and the black land-grant institutions. Southern journal of agricultural economics - Southern Agricultural Economics Association. Invited papers presented at the annual meeting of the Southern Agricultural Economics Association, Biloxi, Mississippi, February 3-6, 1985. July 1985. v. 17 (1). p. 61-69. Includes 38 references. (NAL Call No.: DNAL AGE HD101.S6).

0141

A roof over our heads : migrant and seasonal farmworker housing in Idaho / a report prepared by the Idaho Advisory Committee to the United States Commission on Civil Rights.

United States Commission on Civil Rights ~ Idaho Advisory Committee. Washington, D.C. Commission on Civil Rights 1980. Sept. 1980. vii, 99 p. : ill., maps ; 26 cm. Includes bibliographical references. (NAL Call No.: HD7289.U5U52).

0142

Wakulla County, Florida, information for rural development : population, housing, economy, labor force, public sector / John Gordon, Kenneth Clayton.

Gordon, John. Gainesville Food and Resource Economics Dept., Florida Cooperative Extension Service and Center for Rural Development, Institute of Food and Agricultural Sciences, University of Florida 1978. Cover title. vi, 62 p. - Bibliography: p. 60-62. (NAL Call No.: HD9007.F6F6 No.87).

ECONOMICS

0143

Agreement between Northern Regional Research Center, Agricultural Research Service, United States Department of Agriculture and American Federation of Government Employees, Local no. 3247.

Peoria, Ill. The Center 1983. Cover title ~"April 18, 1983." 19, (1) p. ; 22 cm. (NAL Call No.: aHD8005.6.U52A35).

0144

Agribusiness employment in Missouri.

Dsburn, D.D. Ziuza, Y. Columbia, Missouri The Department. Paper - University of Missouri-Columbia, Dept. of Agricultural Economics. 1982. 1982. (11). 80 p. Includes 37 references. (NAL Call No.: 917437(AGE)).

0145

Agricultural employment law and policy.

Pederson, D.B. Dahl, D.C. St. Paul, Minn., The Station. Extract: This publication explores modern social and labor legislation as it impacts agricultural employment. A statistical picture of the farm labor force is presented. Separate chapters focus on wage and hour laws, child labor laws, regulation of occupational safety and health, regulation of farm labor contractors, unemployment insurance, worker's compensation, social security, health care legislation, farm worker employment and training programs, agricultural labor-management relations law, and aliens in the farmworker force. Each chapter looks at historical matters, current law, enforcement, emerging developments and presents recommendations. A final chapter presents an overview of policy problems and presents general recommendations. North Central regional research publication - Agricultural Experiment Station. Aug 1981. Also identified as Minnesota Economic Regulation Monograph 2; N.C. Project 117, Monograph 10; and Minnesota Agricultural Experiment Station Bulletin 526. Aug 1981. (279). 194 p. Includes ref. (NAL Call No.: S541.N6).

0146

Agricultural labor policy.

Sorn, G.F. Washington : U.S. Government Printing Office. Proceedings - Agricultural Outlook Conference, U.S. Department of Agriculture. Presented at the Outlook '85 Conference, December 3-5, 1984, Washington, D.C. 1984. p. 652-655. (NAL Call No.: DNAL 1.90 C20U8).

0147

Agricultural product markets and the demand for seasonal labor.

Zilberman, D. Just, R.E. Berkeley, The Foundation. Working paper - Giannini Foundation of Agricultural Economics, Department of Agricultural and Resource Economics, California Agricultural Experiment Station. Jan 1980. Jan 1980. (151). 24 p. 5 ref. (NAL Call No.: 916970(AGE)).

0148

Agricultural workplace safety: a perspective on research needs.

Daberkow, S.G. Fritsch, C.F. Lexington, Ky., American Agricultural Economics Association. Extract: This paper is designed to: (a) provide a cursory examination of workplace accident causal factors; (b) define the nature of each policy alternative which impacts on the level of workplace safety; (c) describe the application of each policy to the agricultural sector; and (d) identify the research required to move in the direction of providing policy responses to the twin questions of "how much" and "at what cost?". American journal of agricultural economics. Nov 1979. v. 61 (4, pt. 2). p. 824-835. Charts. 39 ref. (NAL Call No.: 280.8 J822).

0149

Agriculture and cottage industry: redefining the causes of proto-industrialization.

Gullickson, G.L. Wilmington, Del. : Economic History Association at North Carolina State University. Extract: Prevailing theory regards subsistence or pastoral agriculture as a prerequisite for the spread of proto-industry. Commercial agriculture and proto-industrialization are viewed as incompatible. The expansion of the cotton industry in the pays de Caux, a fertile cereal-producing region in Normandy, contradicts the theory and indicates that seasonal unemployment and landlessness, not subsistence agriculture, were the distinguishing features of proto-industrial regions. When these regions were located near market towns, the peasants' need for off-season work complemented the growing demand of eighteenth-century merchants for a large labor supply and determined the location of proto-industries. The Journal of economic history. Dec 1983. v. 43 (4). p. 831-850. Includes 87 references. (NAL Call No.: 277.8 J822).

0150

Agriculture's hidden workers.

Coltrane, R. Washington, D.C. : The Service. Farmland - United States Dept. of Agriculture, Economic Research Service. Dec/Jan 1984. v. 5 (1). p. 4-6. (NAL Call No.: DNAL AGE aHD1401.A2U52).

(ECONOMICS)

0151

Agriculture's role in the economy of the United States.

Groenewegen, J.R. Clayton, K.C. Washington, D.C., The Service. Extract: Agriculture has played a major role in the development of the U.S. economy. Substantial product flows occur between production agriculture and the rest of the food and fiber system. These interrelationships with the rest of the food and fiber system increase as more services are performed on the commodities that leave the farm gate and as more inputs are purchased. The value added to the flow of farm products as they move through the food and fiber system accounts for 20 percent of GNP and requires the services of 22 percent of the labor force. An increase in the final demand for food and fiber products has a considerable impact on the economy. ERS staff report - U.S. Dept. of Agriculture, Economic Research Service. Apr 1981. Available from NTIS. Apr 1981. (AGESS810407). 35 p. Includes ref. (NAL Call No.: 916762(AGE)).

0152

Analysis of fringe benefits for nonmetropolitan versus metropolitan employee compensation.

Jensen, H.H. Ames, Iowa, American Agricultural Economics Association. Extract: Little empirical research has focused on the structure and practices within the nonagricultural labor markets in non-metropolitan areas. Using data from a national survey of firms, this study found significant differences between metropolitan and non-metropolitan employers in their fringe benefit payments for insurance programs. Manufacturing industry, large firm, non-Southern location, and the presence of unions all were associated with higher levels of employer-paid fringe benefits. The differences between the two areas are consistent with a more homogeneous labor market in non-metropolitan areas. American journal of agricultural economics. Feb 1982. v. 64 (1). p. 124-128. 19 ref. (NAL Call No.: 280.8 J822).

0153

Anglo over bracero : a history of the Mexican worker in the United States from Roosevelt to Nixon / Peter N. Kirstein.

Kirstein, Peter N. San Francisco R and E Research Associates c1977. v. 113 p. ; 28 cm. Bibliography: p. 108-113. (NAL Call No.: HD8081.M6K5).

0154

Area variations in the wages of agricultural labor in the United States by Sheridan T. Maitland and Dorothy Anne Fisher.

Maitland, Sheridan T. Washington, D.C. U.S. Dept. of Agriculture 1958. iv, 54 p. : ill., maps -. Includes bibliographical references. (NAL Call No.: Fiche S-69 no.1177).

0155

Asymmetric information, multiperiod labor contracts, and inefficient job separations.

Haltiwanger, J.C. Chapel Hill, NC : Southern Economic Association. Extract: In this paper, a simple multiperiod model is developed in which separations may occur in each of several successive periods. The multiperiod specification enables us to distinguish between temporary and permanent separations and to focus attention on the potential for inefficient separations induced by asymmetric information problems in an intertemporal setting. Southern economic journal. Apr 1984. v. 50 (4). p. 1005-1024. Includes 11 references. (NAL Call No.: 280.8 S084).

0156

Beat the union by making it unnecessary (Fruit and vegetable industry, labor problems, California as an example).

Mendez, A. (s.l., s.n.). Proceedings of the ... annual meeting - New York State Horticultural Society. 1980. v. 125 (125th). p. 82-86. (NAL Call No.: 81 N484).

0157

Benefits to agricultural workers under the Unemployment Compensation Amendment of 1976 (P.L. 94-566).

Elterich, G.J. Washington, The Service. Extract: The "Unemployment Compensation Amendments of 1976" are expected to provide income protection for about two-fifths of all hired agricultural workers. The program became effective in January 1978. Of these insured workers, three-tenths are expected to receive benefits, expected to average about 14 percent of average annual earnings if 1970 employment relationships hold. Nearly one-fourth of unemployed farm workers who receive benefits will likely exhaust their entitlements before finding new jobs. Large interstate variations are expected around these averages as a result of differing State qualifying regulations, benefit schedules, and personal work histories. Agricultural economics research - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Oct 1978. v. 30 (4). p. 23-28. 12 ref. (NAL Call No.: 1 EC7AGR).

0158

Black agricultural economists in the labor market: theoretical and empirical issues.

Davis, C.G. Allen, J.E. Ames, Iowa : American Agricultural Economics Association. Extract: This paper provides a review and appraisal of the characteristics of blacks in the agricultural economics labor market and explores some of the theoretical and empirical issues relating to the labor market of black agricultural economists. It is hoped that this information will provide a starting point for further analysis and dialogue within the

profession. American journal of agricultural economics. Dec 1983. v. 65 (5). p. 981-987. Includes 22 references. (NAL Call No.: 280.8 J822).

0159

The California Agricultural Labor Relations Act and National Agricultural Labor Relations legislation.

Hayes, S.E. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 413-469. Includes 2 ref. (NAL Call No.: HD1525.S4).

0160

Changes in farm production and efficiency, 1977.

Durost, D.D. Black, E.T. Washington, The Dept. Statistical bulletin - U.S. Dept. of Agriculture. Nov 1978. Predominantly tables. Nov 1978. (612). 70 p. (NAL Call No.: 1 AG84ST).

0161

Changes in farm production and efficiency, 1978.

United States ~ Dept. of Agriculture ~ Economics, Statistics, and Cooperatives Service ~ National Economics Division. Washington, D.C., The Dept. Extract: This publication contains all historical data for the major statistical series on farm production, production inputs, and efficiency, 1939-1978. Statistical bulletin - United States Dept. of Agriculture. Jan 1980. Predominantly tables. Jan 1980. (628). 71 p. Includes ref. (NAL Call No.: 1 AG84ST).

0162

Changing patterns of Mexican migration to the United States: a case study.

Mines, R. de Janvry, A. Berkeley, The Foundation. Working paper - Giannini Foundation of Agricultural Economics, Department of Agricultural and Resource Economics, California Agricultural Experiment Station. Aug 1980. Aug 1980. (148). 30 p. 13 ref. (NAL Call No.: 916970(AGE)).

0163

Characteristics of South Carolina dairy farms, 1980.

Stokes, K.W. SCCC. Harris, H.M. Jr. Clemson, S.C., The Service. Abstract: Dairying is an important agricultural industry in South Carolina with dairy products accounting for 7.2 percent of all cash receipts from agricultural marketings in 1980. The objective of this study was to identify selected characteristics of Grade A dairy farms in South Carolina. Information was gathered on tenure arrangements, farm size, major crops, forage and feed sources, herd composition, labor use, marketing arrangements, milk production, views of dairy organizations, and plans to continue production. Such information may be useful to researchers, policymakers, and the industry as adjustments continue to occur in the years ahead. Circular - USDA Cooperative Extension Service, Clemson University. July 1982. July 1982. (191). 19 p. 6 ref. (NAL Call No.: 100 S08 (2)).

0164

City size and ethnic discrimination: Michigan agricultural implements and iron working industries, 1890 (19th century, history, large cities, small cities, labor force, immigrants).
Hannon, J.U. Wilmington : Economic History Association at North Carolina State University. The Journal of economic history. Dec 1982. v. 42 (4). p. 825-845. 46 ref. (NAL Call No.: 277.8 J822).

0165

Comparison of alternative functional forms with application to agricultural input data.
Chalfant, J.A. Ames, Iowa : American Agricultural Economics Association. Extract: This paper considers generalizations of the common flexible functional forms for cost functions. Specifically, the generalized Box-Cox and logarithmic Fourier flexible form are used in the estimation of a demand system for four agricultural inputs: capital, intermediate inputs, labor, and land. American journal of agricultural economics. May 1984. v. 66 (2). p. 216-220. Includes 12 references. (NAL Call No.: 280.8 J822).

0166

The containerized vegetable transplant industry.

Miller, M.N. Smith, C.N. Gainesville, Fla., The Dept. Extract: An economic overview of the containerized vegetable transplant industry in Florida is presented in this report. Various facets of production, marketing, labor and general business conditions of the containerized vegetable transplant industry are discussed. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. Mar 1980.

(ECONOMICS)

Mar 1980. (129). 18 p. 3 ref. (NAL Call No.: HD9007.F6F6).

0167

Contract labor, sugar, and technology in the nineteenth century.

Engerman, S.L. Wilmington, Del. : Economic History Association at North Carolina State University. Extract: Throughout the world for most of the nineteenth century cane sugar was produced on plantations, most frequently with either slave labor or, after slavery was ended, with contract laborers brought in from other low-income countries. This paper details the diverse sources and recipients of nineteenth-century contract labor movements, relating them to political and economic factors. Shifts in the ethnic composition of the plantation labor force are indicated. Late nineteenth-century transitions in the nature of sugar production are noted, and questions raised about their implications for the study of the relations between institutional and technological changes. The Journal of economic history. Sept 1983. v. 43 (3). p. 635-659. Includes 61 references. (NAL Call No.: 277.8 J822).

0168

Corn production technology: implications for resource use, supply vulnerability and farm structure.

Sundquist, W.B. Menz, K.M.; Neumeyer, C.F. St. Paul : The Department. Extract: This paper draws on results from a broad-based technology assessment of commercial corn production in the U.S. to address some of the public issues relating to the impacts of corn production technologies. Staff paper P - University of Minnesota, Dept. of Agricultural and Applied Economics. Apr 1983. Apr 1983. (83-12). 20 p. Includes 23 references. (NAL Call No.: HD1761.A1M5).

0169

The cost of beverage container litter to the agricultural sector in Tennessee (Includes farm labor hours).

Turk, W.M. TFHSA. Knoxville : The Station. Tennessee farm and home science - Tennessee Agricultural Experiment Station. Dct/Dec 1981. Dct/Dec 1981. (120). p. 27-30. Includes references. (NAL Call No.: 100 T25F).

0170

The cost of replacing area extension personnel: an approach and some findings.

Cormier, P.J. Finley, R.M. Columbia, Missouri : The Department. Paper - University of Missouri-Columbia, Dept. of Agricultural Economics. 1982. 1982. (40). 15 p. Includes 5 references. (NAL Call No.: 917437(AGE)).

0171

The cotton harvester in retrospect: labor displacement or replacement.

Peterson, W. Kislev, Y. St. Paul, Minn., The Department. Extract: In recent economics literature the prevailing view seems to be that new mechanical technology has displaced or forced labor out of agriculture. The mechanization of cotton harvesting is viewed by many as one of the clearest examples of labor push, particularly in the Southern States. We propose to use the mechanical cotton harvester as a test of the alternative hypothesis; namely, that labor exit was mainly due to increased real wages outside of agriculture and that machines were adopted in response to a reduction in labor supply. The period of the analysis is 1949-1964. Staff paper P - University of Minnesota, Dept. of Agricultural and Applied Economics. Sept 1981. Sept 1981. (P81-25). 15 p. 4 ref. (NAL Call No.: HD1761.A1M5).

0172

Cotton in the U.S. economy, an interindustry analysis of international trade in cotton and textiles.

Collins, K.J. Glade, E.H. Jr. Washington, D.C. : The Service. Extract: This paper examines the economic relationships between the cotton system and the rest of the U.S. economy. A disaggregated national input-output model was developed which incorporates regional cotton production, ginning, warehousing and cotton merchandising. The model is used to analyze the sales and employment effects of the increasing trend in raw cotton exports and textile trade. Model results indicate a \$100 million (1972 dollars) increase in raw cotton exports could increase total demand for U.S. output by \$234 to \$293 million, depending on where the cotton is grown. From 1972 to 1980, model results indicate the effect of higher textile imports alone could have caused drops in total U.S. output demand of \$4.5 billion, raw cotton demand of \$68 million, and total U.S. labor demand of 200,000 jobs. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Feb 1983. Available from NTIS, order no. PB83-187047. Feb 1983. (AGES830119). 54 p. Includes 29 references. (NAL Call No.: 916762(AGE)).

0173

Cotton production under risk: an analysis of input effects on yield variability and factor demand.

Farnsworth, R.L. Moffitt, L.J. College Station, Tex., Western Agricultural Economics Association. Extract: The risk flexible production model developed by Just and Pope is estimated for the case of cotton in California's San Joaquin Valley and the implications of the model for factor demand are examined. Results indicate risk-reducing roles for farm machinery, labor, and fertilizer in contrast to restrictions imposed by traditional

stochastic production specifications. Qualitative assessment of estimated risk effects on factor employment under risk aversion are evaluated by comparison to the risk-neutral solution. *Western journal of agricultural economics*. Dec 1981. v. 6 (2). p. 155-163. 10 ref. (NAL Call No.: HD1750.W4).

0174

Data problems in the BLS/CES PU-2 diary tape: the Wisconsin 1972-73 CES diary tape (Bureau of Labor Statistics/ Consumer Expenditure Survey). Buse, R.C. Madison, The Department. Agricultural economics staff paper - University of Wisconsin, Department of Agricultural Economics. July 1979. July 1979. (164). 70 p. Includes ref. (NAL Call No.: HD1401.W57).

0175

Data problems in the 1972-73 BLS diary survey public use tapes (Bureau of Labor Statistics). Buse, R.C. Mann, J.S.; Salathe, L. Madison, The Department. Agricultural economics staff paper - University of Wisconsin, Department of Agricultural Economics. Oct 1978. Oct 1978. (152). 40 p. (NAL Call No.: HD1401.W57).

0176

The decline in black teenage employment: 1950-70. Cogan, J. AENRA. Menasha, Wis., American Economic Association. Extract: The author documented the role of the decline in the demand for low-skilled agricultural labor as the driving force behind the sizable reductions in the aggregate black teenage employment ratio during the period 1950-70. *American economic review*. Sept 1982. v. 72 (4). p. 621-638. Includes 44 references. (NAL Call No.: 280.8 AM32).

0177

The demand for farm output. Dunn, J. Heien, D. Lincoln, Neb. : Western Agricultural Economics Association. Extract: This paper treats the demand for farm output as part of an interrelated factor demand system. The farm level outputs are meat, poultry, dairy, fruits and vegetables and other food. The processing and distribution inputs are labor, packaging, transportation and all other. Input demands are modelled using a restricted translog cost function which is conditional on capital stock in the processing sector. The results show that: each category of farm output demand is inelastic; capital stock is an important determinant of the demand for farm outputs and little substitution between outputs and other inputs; there is moderate substitution among the nonfarm inputs; and, increases in nonfarm input costs have significant negative effects on farm output

demand. *Western journal of agricultural economics*. July 1985. v. 10 (1). p. 13-22. Includes 13 references. (NAL Call No.: DNAL AGE HD1750.W4).

0178

The demand for labor in the long run / Daniel S. Hamermesh.

Hamermesh, Daniel S. Cambridge, Mass. (1050 Massachusetts Avenue, Cambridge, Mass. 02138) National Bureau of Economic Research 1984. "March 1984.". 53, (4) p. : ill. ; 28 cm. - Bibliography: p. 47-52. (NAL Call No.: HB1.A2N3 no. 1297).

0179

Do union members receive compensating wages for accepting employment in strike-prone or hazardous industries.

Leigh, J.P. Austin : University of Texas Press. Extract: This study views strikes as gambles which are undesirable events for risk-averse workers. Assuming industries have varying strike propensities, labor markets should generate compensating wages for accepting employment in strike-prone industries. The hypothesis was tested and supported by samples of workers from the Quality of Employment Surveys. Support was also found (1) that fatality rates should be regarded as working conditions associated with unionization which, when accounted for, erode the union wage premium and (2) that when earnings functions omit a control for strikes compensating wages for accepting hazardous employment are overstated. *Social science quarterly*. Mar 1984. v. 65 (1). p. 89-99. Includes 17 references. (NAL Call No.: H1.S65).

0180

An economic analysis of factor usage and workplace regulation.

SECJA. Elder, H.W. Chapel Hill, NC : Southern Economic Association. Extract: In this paper the statistical results show generally that the level of WC Workers Compensation costs does alter factor choices. It was hypothesized and results are obtained which indicate that higher benefit levels increase the substitutability of capital for labor. It does not appear, though, that WC costs alter other factor relationships, as the other estimates tend to bear out. It does seem clear, however, that the primary implication of the theory developed--that safety regulation has costs in terms of output reduction and lower factor usage--is confirmed by the findings of the empirical work. And, if one adds the findings of other researchers, the implications are rather damaging to these forms of regulation. *Southern economic journal*. Oct 1985. v. 52 (2). p. 315-331. Includes 27 references. (NAL Call No.: DNAL 280.8 S084).

(ECONOMICS)

0181

Economic incentives facing Mexican migrant workers at Hood River, Oregon.

Cuthbert, R.W. OASPA. Stevens, J.B. Corvallis : The Station. Extract: This study is an attempt to estimate the average net earnings of illegal Mexican aliens employed at Hood River, Oregon, in the 1978 fall apple harvest and to compare these earnings with the amounts the workers likely would have earned in Mexico. A random sample of 93 Mexican aliens was interviewed for information on estimated earnings and costs in the United States, opportunity cost earnings in Mexico, and migration and demographic characteristics. Special report - Oregon State University, Agricultural Experiment Station. Jan 1980. Jan 1980. (567). 48 p. Includes 33 references. (NAL Call No.: 100 OR3M).

of farm labor continued to decline. One farmworker produced farm products for 78 people, 6 more people than the year before. Statistical bulletin - U.S. Dept. of Agriculture. Jan 1982. Jan 1982. (679). 77 p. (NAL Call No.: 1 AG84ST).

0184

Effect of milk-plant arrangement and methods of operation on labor requirements by C.E. Clement ... (et al.).

Clement, C. E.; (Clarence Elbert). Washington, D.C. U.S. Dept. of Agriculture 1929. 40 p. : ill. -. (NAL Call No.: Fiche S-69 no. 153).

0185

The effect of unions on public sector wages: a review of the econometric literature.

Johnson, M.B. Madison, The Department. Extract: What has been the effect of unionization on the salaries paid workers in the public sector? Fifteen studies between 1968 and 1976 dealt directly or indirectly with that question. The purpose of this short paper is to systematically review the methodology and findings of this body of empirical work. Agricultural economics staff paper - University of Wisconsin, Department of Agricultural Economics. Nov 1978. Literature review. Nov 1978. (153). 34 p. 16 ref. (NAL Call No.: HD1401.W57).

0186

Effects of shifts in prices of land, labor, and capital on the cost of growing pfizer juniper.

Smith, C.N. McConnell, D.B. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 91-93. Includes 4 ref. (NAL Call No.: 81 F66).

0187

The equalizing role of human resource intensive growth strategies: a theoretical model.

Adelman, I. Levy, A. Berkeley : The Station. Extract: Empirical evidence concerning the relationship between education-intensive development strategies and income distribution is used to formulate a growth model in which the variance of the dispersion rate of income is linked to the human and physical capital intensity of production. It is shown that, under plausible assumptions, the growth trajectory does not have a unique steady state. Of the possible steady states, for any two steady states characterized by equal per capita output and by different combinations of physical capital-labor ratio and average human capital, the income distribution associated with the steady state with the higher level of average human capital is Lorenz superior. Working paper - Giannini Foundation of

0182

Economic indicators of the farm sector: production and efficiency statistics, 1979.

United States ~ Dept. of Agriculture ~ Economics and Statistics Service ~ National Economics Division. Washington, D.C., The Dept. Abstract: Farm output in 1979 rose 6 percent from 1978's record level. Crop and livestock production both set records. Cropland used for crops increased 10 million acres to the biggest acreage since 1954. Crop production per acre, a record, rose 7 percent, spurred by favorable weather, higher prices received, and increased fertilizer use. Tractor and farm machinery numbers declined, though tractor horsepower increased. Hours of farm labor dipped 2 percent to 4.3 billion hours, but each farmworker produced farm products for 68 persons, 5 more than in 1978. This publication continues the data and information previously published in "Changes in Farm Production and Efficiency". It includes historical data for the major statistical series on farm production, production inputs, and efficiency and also provides the latest information for appraising changes in production and progress in farm mechanization. Statistical bulletin - United States Dept. of Agriculture. Feb 1981. Predominantly tables. Feb 1981. (657). 90 p. (NAL Call No.: 1 AG84ST).

0183

Economic indicators of the farm sector: production and efficiency statistics, 1980.

United States ~ Dept. of Agriculture ~ Economic Research Service ~ National Economics Division. Washington, D.C., The Department. Extract: Farm output in 1980 dropped 5 percent from 1979's record-high level; inputs declined 2 percent. A 9-percent drop in crop production more than offset the highest livestock production on record. Cropland used for crops matched the 1949 record high, increasing 7 million acres to 387 million acres. However, crop production per acre declined 11 percent due to high temperatures and drought. Fertilizer use increased 2 percent from 1979 to 23 million tons. Farm machinery numbers declined. Hours

Agricultural Economics, California Agricultural Experiment Station. Aug 1983. Aug 1983. (258, rev.). 24 p. Includes 18 references. (NAL Call No.: 916970(AGE)).

0188

Estimating substitution and expansion effects using a profit function framework.
 Lopez, R.E. Ames, Iowa : American Agricultural Economics Association. Extract: This study reports a first attempt to derive all the relevant information with respect to the structure of production of an industry using knowledge of only a profit function. Using estimates of a profit function for Canadian agriculture, a procedure to separate substitution and expansion effects for both inputs and outputs was implemented. Information concerning net input and output substitution and complementarity possibilities were obtained. The most important empirical results suggest that the hypothesis of nonjoint production of crop and animal outputs in Canadian agriculture cannot be rejected, and that hired and operator labor are complements rather than substitutes. American journal of agricultural economics. Aug 1984. v. 66 (3). p. 358-367. Includes 15 references. (NAL Call No.: 280.8 J822).

0189

Estimating the number of hired farmworkers covered by Social Security.
 Kestenbaum, B.M. Washington, The Service. Agricultural economics research - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Apr 1978. v. 30 (2). p. 39-40. Includes ref. (NAL Call No.: 1 EC7AGR).

0190

Factor endowments, heterogeneous labor and North-South migration.
 SECJA. Dunlevy, J.A. Chapel Hill, NC : Southern Economic Association. Extract: The purpose of the present paper is to make explicitly a sufficient set of conditions that will support a factor endowment based migration model and to evaluate the advantages and weaknesses of that model. The resultant model is consistent both with the standard human capital model of migration and with the more mechanical gravity model; it is also consistent with the Heckscher-Dhlin model of interregional trade. The sufficient assumptions impose stringent, but not unreasonable, restrictions on the form of the underlying production function. The model's predictions are tested using a data set similar to those used in the above-noted studies. The model, however, is capable of yielding only qualitative, rather than quantitative, predictions. Therefore, there is some concern regarding the empirical identifiability of the model. Southern economic journal. Oct 1985. v. 52 (2). p. 446-459. Includes 17 references. (NAL Call No.: DNAL

280.8 SD84).

0191

Facts for California agricultural employees about Agricultural Labor Relations Act (labor relations on the job), Unemployment Insurance (when out of a job).
 Martin, M.E. CA. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. July 1980. July 1980. (21159). 3 p. (NAL Call No.: S544.3.C2C3).

0192

Farm adjustment potentials in the Northern Brown Loam Area of Mississippi.
 Abdo, G. Eddleman, B.; Reinschmidt, L. Mississippi State, The Station. Extract: The objectives of this research were: (1) to determine the impact of farm and off-farm employment on enterprise combinations and on the minimum amount of land required for specified levels of net farm income to farm operators with full equity in land and livestock. Agricultural economics research report - Mississippi Agricultural and Forestry Experiment Station. Aug 1982. Aug 1982. (138). 38 p. 19 ref. (NAL Call No.: 917031(AGE)).

0193

Farm labor issues and policies: discussion.
 Martin, P.L. Mines, R. Ames, Iowa, American Agricultural Economics Association. American journal of agricultural economics. Dec 1982. v. 64 (5). p. 1007-1008. (NAL Call No.: 280.8 J822).

0194

Farm labor issues in California.
 Thomas, W.J. Jr. Washington, The Service. ESCS - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Aug 1979. Available from NTIS - order no. PB 298-914. Aug 1979. (65). p. 45-50. (NAL Call No.: aHD1751.U56).

0195

The farm labor market.
 Martin, P.L. Mamer, J. New York, The Academy of Political Science. Proceedings of the Academy of Political Science. 1982. v. 34 (3). p. 223-234. 2 ref. (NAL Call No.: 920969(AGE)).

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0196

Farm people and social security : farmers and farm workers would pay into an insurance trust fund for monthly disability, retirement, and survivors insurance benefits / (written by E.J. Niederfrank).
Niederfrank, Evelon Joy, 1904. (Washington, D.C.?) U.S. Dept. of Agriculture 1949. 17 leaves : ill., 1 map ; 27 cm. - Includes bibliographical references. (NAL Call No.: MLCM 83/1449).

0197

The farm: source of many jobs.
Edmondson, W. Schluter, G. Washington, D.C. : The Service. National food review NFR - United States Dept. of Agriculture, Economic Research Service. 1984. (27). p. 18-19. (NAL Call No.: DNAL AGE aHD9001.N275).

0198

Farm women: contribution to farm and family.
Salant, P. Mississippi State : The Station. Extract: This study describes labor force participation by farm women in the Sand-Clay Hills region of Mississippi and Tennessee. Over half of the women in the 29-county study site were employed outside their homes in 1980, either on- or off-farm. Three fourths of those reporting employment worked off-farm, most frequently in the manufacturing and service sectors. They were most likely to join the labor force between the ages of 35 and 54, after their children had begun school. Earnings from off-farm employment contributed significantly to total household income. Agricultural economics research report - Mississippi Agricultural and Forestry Experiment Station. Mar 1983. Mar 1983. (140). 36 p. Includes 12 references. (NAL Call No.: 917031(AGE)).

0199

Flue-cured tobacco mechanization and labor impacts of alternative production levels / by Frederic L. Hoff ... et al. . -.
Hoff, Frederic L. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, 1977. vi, 24 p. : ill., map - . Bibliography: p. 22. (NAL Call No.: DNAL Fiche S-81 no.368).

0200

Foreign workers in selected California crops (Migrant laborers from Mexico, seasonal work forces by crop).
Mines, R.CAGRA. Martin, P.L. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 6-8. ill. (NAL Call No.: 100 C12CAG).

0201

The gains from trade and the Stolper-Samuelson theorem: a welfare analysis.
La France, J. Reardon, T.; Schmitz, A. Berkeley, The Foundation. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. May 1981. May 1981. (166). 15 p. 5 ref. (NAL Call No.: 916970(AGE)).

0202

Gains in productivity of farm labor by Reuben W. Hecht and Glen T. Barton.
Hecht, Reuben W. (Reuben William). Washington, D.C. U.S. Dept. of Agriculture 1951. 121 p. : ill. - Bibliography: p. 62-63. (NAL Call No.: Fiche S-69 no.1020).

0203

The general equilibrium effects of a minimum wage on training.

Perloff, J.M. Berkeley, The Foundation. Extract: The general equilibrium effects on training of an increase in a minimum wage depend upon workers' attitudes toward risk, the educational production function, and other factors. This paper uses five two- and three-sector models of minimum wage economies with incomplete coverage to examine these effects. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. June 1981. June 1981. (180). 23 p. 8 ref. (NAL Call No.: 916970(AGE)).

0204

Hired farmworkers: background and trends for the eighties.

Smith, L.W. Coltrane, R. Washington, The Service. Extract: This report examines historic and current trends in farm employment in the United States, focusing on the numbers and characteristics of hired farmworkers and migratory labor. Factors affecting the size and composition of the farm work force are identified, and probable farm employment trends in the eighties are examined. Rural development research report - U.S. Dept. of Agriculture, Economic Research Service. Sept 1981. Sept 1981. (32). 31 p. 19 ref. (NAL Call No.: aHT392.A53).

0205

Hired workers on California farms (Statistics). Martin, P.L.CAGRA. Mamer, J.W. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept/Oct 1982. v. 36 (9/10). p. 21-23. 3 ref. (NAL Call No.: 100 C12CAG).

0206

Hiring decisions, labor flows, and short-run productivity.

Blakemore, A.E. Hoffman, D.L. Chapel Hill, NC : Southern Economic Association. Southern economic journal. Apr 1984. v. 50 (4). p. 993-1004. Includes 14 references. (NAL Call No.: 280.8 S084).

0207

Historical forces that have shaped world agriculture: a structuralist perspective.

de Janvry, A. Berkeley : The Station. Extract: There are three fundamental processes that can be singled out among the multiplicity of forces that have shaped world agriculture. They are (1) the commodification of agriculture, (2) the integration of farming into and its submission to the agribusiness chain, and (3) the internationalization of capital and the place of agriculture in the international division of labor. The author reviewed the key aspects of each of these three processes and derived from them the patterns that the development of capitalism in agriculture currently assumes. From this, the author extracted a number of key contradictions which characterize the current status of world agriculture. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Oct 1982. Oct 1982. (242). 22 p. Includes 39 references. (NAL Call No.: 916970(AGE)).

0208

Historical perspective on Delaware's unemployment insurance fund - a graphical analysis of relevant statistics.

Elterich, J. Wellmaker, G. Newark, The Department. A. E. pamphlet - University of Delaware, Dept. of Agricultural Economics. Oct 1981. Study for Delaware Department of Labor on unemployment insurance fund financing. Oct 1981. (73). 37 p. (NAL Call No.: 281.9 D37).

0209

Home economic conditions and the decision to migrate: new evidence for the U.S. labor force.

Schiottmann, A.M. SECJA. Herzog, H.W. Jr. Chapel Hill, Southern Economic Association. Extract: In this paper, several factors relating to the design of the research population often suggested by the literature but rarely incorporated due to data limitations are explicitly recognized. The conjecture that home economic conditions are insignificant determinants of the decision to migrate is not supported by our empirical results. Southern economic journal. Apr 1982. v. 48 (4). p. 950-961. Includes 25 references. (NAL Call No.: 280.8 S084).

0210

Hours restrictions and labor supply /William T. Dickens, Shelly J. Lundberg. -.

Dickens, William T. Cambridge, Mass. (1050 Massachusetts Avenue, Cambridge 02138) : National Bureau of Economic Research, 1985. "June 1985." 35, 4 p. : ill. ; 28 cm. - Bibliography: p. 31-32. (NAL Call No.: DNAL HB1.A2N3 no. 1638).

0211

Human capital needs of black Land-Grant Institutions.

Parks, A.L. Robbins, R.D. Experiment, Ga. : The Association. Extract: The purpose of this paper is to address some of the problems of human capital shortages within the agricultural sector, within the agricultural economics profession, and within the historically black land-grant institutions. Much of this paper is devoted to addressing some of the concern about the increasing shortages of agricultural expertise. A considerable amount of time is devoted to the labor market conditions for agricultural economists and finally, attention is given to the theoretical issues relating to the segmented labor markets of black agricultural economists and the black land-grant institutions. Southern journal of agricultural economics - Southern Agricultural Economics Association. Invited papers presented at the annual meeting of the Southern Agricultural Economics Association, Biloxi, Mississippi, February 3-6, 1985. July 1985. v. 17 (1). p. 61-69. Includes 38 references. (NAL Call No.: DNAL AGE HD101.S6).

0212

Illegal immigration: the guestworker option.

Martin, P.L. Sehgal, E.B. Cambridge, Mass., John Wiley & Sons. Public policy - J.F. Kennedy School of Government, Harvard College. Spring 1980. Second series title: Giannini Foundation Paper 561. v. 28 (2). p. 207-229. Includes ref. (NAL Call No.: 280.9 H263).

0213

Immigration and agricultural labor policies (USA).

Glover, R.W. Oak Brook, Ill. : Farm Foundation. Increasing understanding of public problems and policies. 1983. 1983. p. 144-155. (NAL Call No.: 275.29 F22).

0214

Immigration and agricultural labor policy (USA).

Covey, C.D. Oak Brook, Ill. : Farm Foundation. Increasing understanding of public problems and policies. 1983. 1983. p. 142-143. (NAL Call No.: 275.29 F22).

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0215

Immigration reform and California agriculture (Illegal aliens, farm labor, legislation, statistics).

Martin, P.L. CAGRA. Mines, R. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1983. v. 37 (1/2). p. 14-15. ill. (NAL Call No.: 100 C12CAG).

0216

Impact of labor laws and regulations on agricultural labor markets.

Erven, B.L. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 477-512. Includes 1 ref. (NAL Call No.: HD1525.S4).

0217

Indirect farm labor and management costs Kenneth R. Krause. -.

Krause, Kenneth R. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, 1982. vi, 65 p. -. Includes bibliographies. (NAL Call No.: DNAL Fiche S-81 no.496).

0218

Induced innovations and farm mechanization.

Kislev, Y. Peterson, W. Lexington, Ky., American Agricultural Economics Association. Extract: This note discusses the newly emerging tradition of induced innovation and its relation to the alternative explanations of machine-labor substitution in agriculture. American journal of agricultural economics. Aug 1981. v. 63 (3). p. 562-565. 8 ref. (NAL Call No.: 280.8 J822).

0219

International migration : the search for work / Kathleen Newland.

Newland, Kathleen. (Washington) Worldwatch Institute 1979. 31 p. ; 22 cm. -. Includes bibliographical references. (NAL Call No.: HD6300.N48).

0220

International trade and agricultural labor markets: discussion.

Hirsch, H.G. Ames, Iowa, American Agricultural Economics Association. American journal of agricultural economics. May 1982. v. 64 (2). p. 362-363. (NAL Call No.: 280.8 J822).

0221

International trade and agricultural labor markets: discussion.

Carter, C.A. Ames, Iowa, American Agricultural Economics Association. American journal of agricultural economics. May 1982. v. 64 (2). p. 364-366. 3 ref. (NAL Call No.: 280.8 J822).

0222

International trade and agricultural labor markets: farm policy as quasi-adjustment policy.

Johnson, D.G. Ames, Iowa, American Agricultural Economics Association. Extract: This paper assumes that an important objective of agricultural policy, including international trade policy for agricultural products, is to increase the incomes of the farm population. Presumably if this objective is achieved, the decline in the farm labor force and population would be slowed down. The method or technique that is used to influence positively the number of persons making their livelihood from farming works by increasing the demand for resources that are used in agriculture. American journal of agricultural economics. May 1982. v. 64 (2). p. 355-361. 12 ref. (NAL Call No.: 280.8 J822).

0223

International trade in labor versus commodities: U.S.-Mexican agriculture.

Huffman, W.E. Ames, Iowa, American Agricultural Economics Association. Extract: The objective of this paper is to provide an international trade perspective for the illegal immigration issue. In section one, secular changes in illegal immigration rates are presented and discussed. Section two presents a trade perspective, including the product-factor price equalization theorem: patterns of trade between the United States, Mexico, and Canada; evidence from a study of U.S.-Mexican trade in winter tomatoes and agricultural labor; and expected distribution of gains and losses from future Mexican immigration. Conclusions and policy implications are presented in the final section. American journal of agricultural economics. Dec 1982. v. 64 (5). p. 989-998. Includes 38 references. (NAL Call No.: 280.8 J822).

0224

An intertemporal approach to seasonal agricultural labor markets (Mathematical models).

Spreen, T.H. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 285-309. ill. Includes 9 ref. (NAL Call No.: HD1525.S4).

0225

Introduction to the seasonal farm labor problem (Migratory labor, Bracero program).
 Holt, J.S. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 1-36. Includes 4 ref. (NAL Call No.: HD1525.S4).

0226

Labor costs: learning from others' mistakes.
 Herman, J. San Francisco, California Farmer Publishing Co. California farmer. Mar 21, 1981. v. 254 (6). p. 33-35. (NAL Call No.: S1.C185).

0227

Labor, credit and water loom as major economic threats (Avocado industry).
 Nersesian, J. Vista, Calif., Rancher Publications. Avocado grower. Sept 1980. v. 4 (9). p. 28-29. (NAL Call No.: SB379.A9A9).

0228

Labor for the picking: the New Deal in the South.
 Whatley, W.C. Wilmington, Del. : Economic History Association at North Carolina State University. Extract: During the Great Depression of the 1930s southern landlords began to replace sharetenants and mules with wage laborers and large-scale preharvest machinery. Informed observers in the 1920s did not expect this to happen until the advent of the mechanical cotton picker, which came after World War I. This paper presents evidence supporting the claim that the AAA policies of the 1930s, and the economic depression they were designed to cure, induced this tenant displacement by increasing the asset value of land rights without securing tenants a share right, and by relaxing the harvest labor constraint that had previously impeded mechanization. The Journal of economic history. Dec 1983. v. 43 (4). p. 905-929. Includes references. (NAL Call No.: 277.8 J822).

0229

Labor force characteristics of nonmetropolitan women.
 O'Leary, J.M. Beltsville, Md., Associates of the National Agricultural Library, Inc. Associates NAL today. Sept 1977. v. 2 (2). p. 22-27. ill. ref. (NAL Call No.: Z733.N3A72).

0230

Labor legislation and its effects (Agricultural workers, USA).
 Karalekas, S. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 49-53. (NAL Call No.: SB371.N3).

0231

Labor mobility in Hawaii, 1960, 1965, 1970 : a study of the OASDI-covered work force / Robert N. Anderson and C. Jack Gilchrist.
 Anderson, Robert N. (Honolulu) Hawaii Agricultural Experiment Station, College of Tropical Agriculture and Human Resources, University of Hawaii (1979). Cover title. 48 p. : 23 cm. - Bibliography: p. 48. (NAL Call No.: 100 H313P no.217).

0232

Labor productivity of apple harvest workers.
 Fisher, D.U. Amherst, The Council. Extract: The objectives of this study were to identify the differences in productivity of the three main sources of harvest labor, and to examine productivity changes over six seasons (1970-1975). Two sets of dependent variables were examined - productivity per worker, both hourly and per season - with three input variables measuring the amount of time spent harvesting. The explanatory variables used were: labor source variables, a harvest size variable, and grower variables. Identification of the relative productivity of the labor sources and the ways in which the relationships have changed over six seasons, should indicate the size of the adjustments necessary to maintain harvesting capacity, or to replace the Jamaican or migrant labor sources if such replacement becomes necessary. Estimates of the trends in productivity should suggest their importance, as well as the timing of future adjustments in the harvest labor force. Journal - Northeastern Agricultural Economics Council. Oct 1978. v. 7 (2). p. 43-46. 9 ref. (NAL Call No.: HD1773.A2N6).

0233

Labor strikes and grower returns: the case of lettuce.
 Carter, C.A. Hueth, D.L.; Mamer, J.; Schmitz, A. Berkeley, The Foundation. Extract: The analysis in this paper indicates that the Imperial Valley lettuce strike resulted in a substantial increase in profits for producers in aggregate even though some producers may have suffered losses. A relatively large reduction in industry output is required before producers in aggregate are made worse off than without a strike and hence would be willing to bargain with the union as a group. In this connection, some comparisons are made between the effectiveness of a strike versus a boycott in enhancing the well-being of union lettuce

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workers. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Feb 1980. Feb 1980. (83). 27 p. 12 ref. (NAL Call No.: 916970(AGE)).

0234

Labor strikes and the price of lettuce.

Carter, C.A. Hueth, D.L.; Mamer, J.W.; Schmitz, A. College Station, Tex., Western Agricultural Economics Association. Extract: This paper examines the economic impact of the 1979 labor strike against lettuce producer-shippers in the Imperial Valley of California. The theory presented suggests that formidable problems are encountered by agricultural labor unions in obtaining higher wages for farm workers. During the 1979 strike, ironically, the returns to many of the lettuce producers in the Imperial Valley increased substantially. Western journal of agricultural economics. July 1981. v. 6 (1). p. 1-14. 17 ref. (NAL Call No.: HD1750.W4).

0235

Labor supply uncertainty and technology adoption.

Zilberman, D. Just, R.E. Berkeley, The Station. Extract: This paper will attempt to examine the effects of labor supply uncertainties on the technology choices of farmers. This will be done by investigating the properties of an abstract theoretical model, the specification of which includes the essential features of the problem under consideration. By eliminating many details of specific agricultural cases which are seemingly inconsequential in determining qualitative or directional changes, it becomes possible to examine the impact of unstable labor supply analytically. That is, if the details which are eliminated are truly inconsequential in determining the directional impacts of changes in labor supply uncertainty in any particular agricultural problem, then the results of this paper are applicable. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Apr 1982. Apr 1982. (207). 32 p. 9 ref. (NAL Call No.: 916970(AGE)).

0236

Labor supply uncertainty and technology adoption (Mathematical models, farm mechanization, risk aversion).

Zilberman, D. Just, R.E. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 247-276. ill. Includes 6 ref. (NAL Call No.: HD1525.S4).

0237

Labor trends affecting agriculture.

CAGRA. Mamer, J.W. Martin, P.L. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1985. v. 39 (1/2). p. 12-14. (NAL Call No.: DNAL 100 C12CAG).

0238

Lettuce harvest mechanization.

Lester, J. (comp.). Davis, Calif., The Service. Economic and social issues - California University, Berkeley, Cooperative Extension Service. Apr/May 1979. Apr/May 1979. 4 p. 4 ref. (NAL Call No.: HD1775.C2C32).

0239

Man and machine in agriculture.

Martin, P.L. Johnson, S.S. Davis, Calif., The Service. Economic and social issues - California University, Berkeley, Cooperative Extension Service. Oct/Nov 1978. Oct/Nov 1978. 3 p. (NAL Call No.: HD1775.C2C32).

0240

Measuring agricultural productivity: a new look.

Ball, V.E. Washington, D.C. : The Service. Extract: This paper presents revised procedures for calculating total factor productivity and measuring productivity growth in U.S. agriculture over the postwar years. Our estimates reflect (1) a disaggregated treatment of outputs and inputs and (2) indexing procedures that do not impose a priori restrictions on the structure of production. We find that productivity grew at the average annual rate of 1.75 percent during the 1948-79 period, compared with the 1.70 percent per year estimated by the U.S. Department of Agriculture. The similar estimates of productivity growth overshadow some important differences in measurement of individual inputs. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Available from NTIS, order no. PB84-199280.~ Includes statistical data. May 1984. (AGES840330). 22 p. Includes 28 references. (NAL Call No.: DNAL AGE 916762(AGE)).

0241

The migrant farm worker population in Wisconsin.

Richards, M. Slesinger, D.P. Madison, Wis. : The Research Division. Publication - Cooperative Extension Programs. University of Wisconsin - Extension. Apr 1984. (R3257). 20 p. ill., maps. Includes 9 references. (NAL Call No.: DNAL S544.3.W6W53).

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0242

Migrant farm workers : a caste of despair / Ronald L. Goldfarb.
Goldfarb, Ronald L. Ames Iowa State University Press 1981. Includes index. xvi, 237 p. : ill., map ; 22 cm. Bibliography: p. 221-232. (NAL Call No.: HD1525.G64 1981).

0243

Migration and employment change: some new evidence and new considerations.
Stevens, J.B. Owen, L.P. College Station, Tex. : Western Agricultural Economics Association.
Extract: As an explanation of regional economic growth, do "people follow jobs" or do "jobs follow people"? The current wisdom in the regional economics literature is that migration and employment change are jointly determined, but that the "jobs follow people" effect is the stronger of the two. Our evidence for selected counties in the Pacific Northwest from 1965 to 1970 does not support that argument. The problem may become increasingly difficult to model if the desire for non-market goods, rather than income gain, continues to evolve as a major reason for migration. Western journal of agricultural economics. Dec 1982. v. 7 (2). p. 155-162. Includes 18 references. (NAL Call No.: HD1750.W4).

0244

Migration in farm labor markets (Seasonal, mathematical models, earnings).
Emerson, R.D. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 129-167. ill. Includes 17 ref. (NAL Call No.: HD1525.S4).

0245

Migratory labor and agriculture (Florida).
Emerson, R.D. Gainesville, Fla. : The Institute. Florida food and resource economics - Institute of Food and Agricultural Sciences, University of Florida, Florida Cooperative Extension Service. Jan/Feb 1984. Jan/Feb 1984. (56). 4 p. ill. (NAL Call No.: S544.3.F6F55).

0246

Minnesota farmer-laborism : the third-party alternative / by Millard L. Gieske.
Gieske, Millard L. Minneapolis University of Minnesota Press c1979. ix, 389 p. : ill. ; 24 cm. Includes bibliographies and index. (NAL Call No.: JK2391.D4G53).

0247

New York economic handbook, 1980, agricultural situation and outlook.
New York State College of Agriculture and Life Sciences ~ Department of Agricultural Economics ~ Extension Staff. Ithaca, The Department. A.E. Ext. - Department of Agricultural Economics, New York State College of Agriculture and Life Sciences. Dec 1979. Predominantly tables. Dec 1979. (79-33). 137 p. (NAL Call No.: 281.9 C81AE).

0248

New York economic handbook, 1981, agricultural situation and outlook.
New York State College of Agriculture and Life Sciences ~ Department of Agricultural Economics ~ Extension Staff. Ithaca, The Department. A.E. Ext. - Department of Agricultural Economics, New York State College of Agriculture and Life Sciences. Dec 1980. Predominantly tables. Dec 1980. (80-29). 146 p. (NAL Call No.: 281.9 C81AE).

0249

New York economic handbook, 1982, agricultural situation and outlook.
New York State College of Agriculture and Life Sciences ~ Department of Agricultural Economics ~ Extension Staff. Ithaca, The Department. Extract: This publication contains information pertaining to the general economic situation and New York agriculture. It is prepared primarily for the use of professional agricultural workers in New York State. A.E. Ext. - Department of Agricultural Economics, New York State College of Agriculture and Life Sciences. Dec 1981. Predominantly tables. Dec 1981. (81-28). 136 p. (NAL Call No.: 281.9 C81AE).

0250

New York economic handbook 1983, agricultural situation and outlook.
Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. Dec 1982. Predominantly tables. Dec 1982. (82-37). 123 p. Includes references. (NAL Call No.: 281.9 C81AE).

0251

New York economic handbook, 1984; agricultural situation and outlook.
Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. Dec 1983. Predominantly tables. Dec 1983. (83-29). 116 p. (NAL Call No.: 281.9 C81AE).

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0252

Night work as a labor market phenomenon: Southern textiles in the interwar period (Cotton mills, mathematical models, wages, United States).

Shiells, M. Wright, G. New York : Academic Press. Explorations in economic history. Oct 1983. v. 20 (4). p. 331-350. Includes references. (NAL Call No.: HC10.E85).

0253

The Northeast : two decades of slow employment growth / by Theodore E. Fuller.

Fuller, Theodore E. Ithaca, N.Y. Prepared for the Northeast Regional Center for Rural Development, Cornell University 1982. May 1982. ii, 59 p. : ill., col. maps ; 28 cm. - . Bibliography: p. 54. (NAL Call No.: HN90.C6N6 no.31).

0254

Notes on a sectoral model of the agricultural labor market.

Lyson, T.A. Provo, Utah, Rural Sociological Society. Rural sociology. Summer 1982. v. 47 (2). p. 317-332. 26 ref. (NAL Call No.: 281.28 R88).

0255

Of men and machines: technological change and people in agriculture. II. Changes in hired farm labor and in rural communities.

Scheuring, A.F. CA. Thompson, D.E. Berkeley, The Station. California agriculture. California. Agricultural Experiment Station. Feb 1980. v. 34 (2). p. 7-9. ill. (NAL Call No.: 100 C12CAG).

0256

The off-farm work behavior of farm operators. Simpson, W. Kapitany, M. Ames, Iowa : American Agricultural Economics Association. Extract: Two formal models of off-farm labor supply are developed and tested by multivariate logit regression using the 1978 Agricultural Enumerative Survey for the Canadian Province of Saskatchewan. The first model is a conventional utility-maximizing model while the second is a target-income model where the target depends on the financial obligations of starting a farm. The models differ in their predictions only when larger farms are assumed to have greater impact on target income than farm labor productivity in the second model. The empirical results reject this additional assumption and generally support the utility-maximizing model for new and experienced farmers. American journal of agricultural economics. Nov 1983. v. 65 (4). p. 801-805. Includes 12 references. (NAL Call No.: 280.8 J822).

0257

On employer-specific information and internal labor markets.

SECJA. Barron, J.M. Loewenstein, M.A. Chapel Hill, NC : Southern Economic Association. Extract: This paper analyzes the employment relations that arise when employers' information concerning new workers' abilities is incomplete until after a period of employment. The acquisition of such employer-specific information is shown to lead to what has been referred to in the literature as "internal labor markets". Internal labor markets, as identified by Dunlop, are "the complex of rules which determine the movement of workers among job classifications within administrative units...these movements may be transfers, promotions, demotions, or layoffs to the exterior labor markets.". Southern economic journal. Oct 1985. v. 52 (2). p. 431-445. Includes 22 references. (NAL Call No.: DNAL 280.8 S084).

0258

Overhead costs from farm cost accounts: 28 farms-1981, New York State.

Snyder, D.P. Ithaca, N.Y., The Station. A.E. Res. - Department of Agricultural Economics, Cornell University Agricultural Experiment Station. Oct 1982. Predominantly tables. Oct 1982. (82-33). 41 p. (NAL Call No.: 281.9 C81A).

0259

Past, present and future of Delaware's Unemployment Insurance Fund.

Elterich, G.J. Wellmaker, G. Newark, The Department. Extract: We will briefly review the goals of the Delaware Unemployment Insurance (UI) system and examine factors behind the current insolvency. We will make comparisons of some UI statistics among the states of the Northeastern U.S. It will be argued that the insolvency is largely self-imposed since maximum benefits have been effectively indexed to inflation, while contributions have not. In addition, enormous subsidies have been given to certain industries, particularly automobile manufacturing and construction. Finally, we will discuss recent corrective actions by the legislature and suggest additional actions that may be required. A. E. pamphlet - University of Delaware, Dept. of Agricultural Economics. Feb 1982. Study for Delaware Department of Labor on unemployment insurance fund financing. Feb 1982. (75). 26 p. Includes ref. (NAL Call No.: 281.9 D37).

0260

Patterns of cotton agriculture in post-bellum Georgia.
 Temin, P. Wilmington, Del. : Economic History Association at North Carolina State University. Extract: This paper reexamines the well-known increase in cotton production in the post-bellum American south, revealing a rather less well understood pattern. The shift to cotton was confined to the Piedmont area of Georgia and South Carolina; it was not a phenomenon of the entire South. The changes in cotton production between 1860 and 1880 followed patterns quite different from those shown in an analysis of 1880 alone. And the 1880 pattern is best explained by the racial composition of the inhabitants, as noted originally by DeCanio, not the tenure variables emphasized in much of the existing literature. *The Journal of economic history*. Sept 1983. v. 43 (3). p. 661-674. Includes 28 references. (NAL Call No.: 277.8 J822).

0261

Patterns of migration to the U.S. and rural development in Mexico: a case study.
 Mines, R. de Janvry, A. Berkeley : The Station. Extract: In order to observe the microeconomic impacts of this migratory process on both the emitting Mexican rural communities and the receiving U.S. labor markets, one migratory community, Las Animas, in the state of Zacatecas, was chosen for close scrutiny. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. July 1983. July 1983. (271). 33 p. Includes 19 references. (NAL Call No.: 916970(AGE)).

0262

Patterns of proletarianization in agriculture: an international comparison.
 de Janvry, A. Vandeman, A. Berkeley : The Station. Extract: The authors examine four patterns of proletarianization in California, India, Chile, and Egypt. The pattern in each case emerges from a different combination of forces--some of which are unique to the particular region or country and others which are generally common to the development of capitalism in agriculture. These forces constitute the structural determinants of proletarianization--in both its qualitative and quantitative aspects--which are the focus of this paper. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. July 1983. (275). 38 p. Includes 39 references. (NAL Call No.: 916970(AGE)).

0263

People and jobs for Lucie County : a survey of the Lucie County labor force / Keith A. Carter and David E. Gray.

Carter, Keith A. Gainesville, Fla. Center for Community and Rural Development, Institute of Food and Agricultural Sciences, University of Florida (1980?). iv, 71 p. : ill., forms : 28 cm. Bibliography: p. 56-57. (NAL Call No.: MLCM 83/1673).

0264

People and jobs for Washington County : a survey of the Washington County labor force / Keith A. Carter and David E. Gray.

Carter, Keith A. Gainesville, Fla. Center for Community and Rural Development, Institute of Food and Agricultural Sciences, University of Florida (1979?). iv, 73 p. : ill., forms : 28 cm. (NAL Call No.: MLCM 83/1627).

0265

The political economy of technological change: mechanization of tomato harvesting in California.

de Janvry, A. Le Veen, P.; Runsten, D. Berkeley : The Station. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. July 1981. July 1981. (177). 38 p. Includes 31 references. (NAL Call No.: 916970(AGE)).

0266

The potential for economic development in rural communities in the Northeast.

Goode, F.M. College Park, Md. : The Council. Extract: This paper suggests that the labor costs and market conditions that have allegedly been responsible for the movement of traditional manufacturing out of the Northeast may be changing. Thus, this movement will not be a "drag" on the future economic development of the Northeast. The potential "turnaround" in the Northeast is suggested by the recent economic performance in New England and by Pittsburgh's ability to attract firms in rapidly growing manufacturing sectors. *Journal - Northeastern Agricultural Economics Council*. Oct 1981. v. 10 (2). p. 21-28. Includes 12 references. (NAL Call No.: HD1773.A2N6).

0267

Productivity of farmers at various ages.

Tauer, L.W. Fargo : North Dakota State University. Extract: Farm production functions estimated for six different age groups of farmers suggest that farmers of different ages operate with slightly different technologies and use various inputs at different efficiencies. The greater the age differential the greater is the difference in production

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functions. Middle-aged farmers appear to be the most productive. *North Central journal of agricultural economics*. Jan 1984. v. 6 (1). p. 81-87. Includes 21 references. (NAL Call No.: HD1773.A3N6).

0268

Programs in agricultural supplies and services for three million workers: have we made any progress.

Lee, J.S. Henry, Ill., Agricultural Education Magazine, Inc. *The Agricultural education*. Apr 1981. v. 53 (10). p. 3-4. (NAL Call No.: 275.8 AG8).

0269

Public service employment: the impact on Washington State's nonmetropolitan labor markets.

Morlock, M.J. Washington, D.C., The Department. Technical bulletin - United States Dept. of Agriculture. Mar 1980. Mar 1980. (1619). 26 p. 12 ref. (NAL Call No.: 1 AG84TE).

0270

Reform, eradicate government regulations now (Seasonal Farm Labor Contractor Act, U.S.).

Eckel, K. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. 1981. 1981. (40th). p. 58-64. (NAL Call No.: SB371.N3).

0271

Relationship between size of farm and utilization of machinery, equipment and labor on Nebraska corn-livestock farms by Orlin J. Scoville.

Scoville, Orlin J. (Orlin James), 1911. Washington, D.C. U.S. Dept. of Agriculture 1951. 71 p. : ill. - Bibliography: p. 52-55. (NAL Call No.: Fiche S-69 no.1037).

0272

Report to the unemployment compensation review committee.

Elterich, J. Powell, J. Newark, The Department. Extract: This study is concerned with: 1) an historical analysis of the major subsidized and subsidizing industries (by 2-digit SIC codes) as far as Delaware's Unemployment Insurance Trust Fund (UI fund) is concerned; 2) a simulation of the impact on the UI fund and selected industries in Delaware by: a) increased taxable wage bases, b) increased tax rates, and c) flexible taxable wage bases; and 3) establishing average tax rates by industry classification, to allocate the cost of the UI more equitably to new users of the fund. A. E. pamphlet - University of Delaware, Dept. of

Agricultural Economics. Aug 1981. Study for Delaware Department of Labor on unemployment insurance fund financing. Aug 1981. (72). 29 p. (NAL Call No.: 281.9 D37).

0273

Retention of metropolitan-to-nonmetropolitan labor-force migrants.

Carpenter, E.H. New York, Academic Press, 1980. New directions in urban-rural migration: the population turnaround in rural America, (edited by) David L. Brown, John M. Wardwell. p. 213-227. 15 ref. (NAL Call No.: HB2385.N48).

0274

Risk and variability in Indiana agriculture.

Patrick, G.F. West Lafayette, The Station. Extract: This study measures the variability in prices received by farmers, yields, input costs, returns above direct costs and labor income per operator in the 1960 to 1978 period. Station bulletin - Dept. of Agricultural Economics, Agricultural Experiment Station, Purdue University. July 1979. July 1979. (234). 27 p. (NAL Call No.: HD1775.I6I5).

0275

Rural jobs at risk.

Van Chantfort, E. Washington : The Service. Farmlife - United States Dept. of Agriculture, Economic Research Service. Mar 1983. v. 4 (2). p. 9. (NAL Call No.: aHD1401.A2U52).

0276

Seasonal farm labor and U.S. farm policy.

Gardner, B.L. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 567-597. (NAL Call No.: HD1525.S4).

0277

Seasonality of farm labor use patterns in the United States (Attributes of farmworkers and employers, regional and commodity-specific seasonal labor use patterns).

Fritsch, C.F. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 77-118. ill. Includes 3 ref. (NAL Call No.: HD1525.S4).

0278

Seeking solutions to farm labor problems.
 Whitener, L. Jackson, W.; Pollack, S. Washington, D.C. : The Service. Farmland - United States Dept. of Agriculture, Economic Research Service. Feb 1984. v. 5 (2). p. 15-17. (NAL Call No.: DNAL AGE aHD1401.A2U52).

0279

Sharply fewer counties depend on farming.
 Hoppe, R.A. Washington, The Service. Abstract: This article discusses counties in which farming is a leading source of income in that it produced 20 percent or more of proprietors' and labor income. ESS - U.S. Dept. of Agriculture, Economic Research Service. July 1981. Highlights of ESS staff report, "Agricultural counties: their location, farms, and economies (AGESS810213 and NTIS PB81-207-862). July 1981. (11). 4 p. maps. (NAL Call No.: aHD1751.U56).

0280

Some analytical approaches for human resource issues of seasonal farm labor (Demand, supply, working conditions).
 Huffman, W.E. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 37-75. ill. Includes 17 ref. (NAL Call No.: HD1525.S4).

0281

Some new work for ex-dealers (Agricultural machinery business, unemployed workers, United States).
 Nesbitt, S. Overland, Kan. : Intertec Publishing Corporation. Implement & tractor. Feb 1984. v. 99 (3). p. 13-14. (NAL Call No.: 58.8 W41).

0282

South Carolina crop statistics, state and county data: 1975-1979 revised, 1980 preliminary.
 South Carolina Crop and Livestock Reporting Service. Clemson, The Station. Extract: The agricultural statistics in this publication include revised crop statistics for acreage, yield, production and value of production at the state and county level for 1975-1979 and preliminary estimates for 1980. Regular Census revisions in state data have been completed and are reflected in the revised data. Also included are data on disposition of crops, number of farms, land in farms, commercial fertilizer, farm labor, vegetable statistics and quarterly grain stock estimates, both on

and off farms. Supercedes AE 405 and 413. AE - South Carolina Crop and Livestock Reporting Service, Dept. of Agricultural Economics and Rural Sociology, S.C. Agricultural Experiment Station, Clemson University. June 1981. Predominantly tables. June 1981. (AE 417). 42 p. (NAL Call No.: 281.9 C59).

0283

South Carolina crop statistics, state and county data: 1980 revised, 1981 preliminary.
 South Carolina Crop and Livestock Reporting Service. Clemson, The Station. Extract: The agricultural statistics in this publication include revised crop statistics for acreage, yield, production and value of production at the state and county level for 1980 and preliminary estimates for 1981. Also included are data on disposition of crops, number of farms, land in farms, commercial fertilizer, farm labor, vegetable statistics, and quarterly grain stock estimates, both on and off farms. AE - South Carolina Crop and Livestock Reporting Service, Dept. of Agricultural Economics and Rural Sociology, S.C. Agricultural Experiment Station, Clemson University. June 1982. Predominantly tables. June 1982. (421). 38 p. (NAL Call No.: 281.9 C59).

0284

Spatial and socioeconomic factors influencing labor force participation rates.
 Beck, R. Jansma, J.D. College Park, Md. : The Council. Extract: The objective of this paper is to report on research designed to investigate the relationships between labor availability and the level and distribution of economic activity in a rural area. The specific relationship being examined is the degree to which the labor force participation rate of the employable male population in a specific rural area is dependent on the access to employment opportunities and the socioeconomic characteristics of the residents of the area. Journal - Northeastern Agricultural Economics Council. Fall 1982. v. 11 (2). p. 61-69. Includes 12 references. (NAL Call No.: HD1773.A2N6).

0285

Status of harvest mechanization of the fruit and nut crops in the United States.
 Johnson, S.S. Zahara, M. Washington, D.C., The Service. Extract: The study examines the status of harvest mechanization of the major fruit and tree nut crops in the United States. Mechanization has progressed further with fruit crops for processing (38 percent machine harvested) than with fruits for the fresh market (less than 1 percent machine harvested). More than 90 percent of the tree nut crops are machine harvested. The effect of machine introduction on labor use is indicated by labor-displacement ratios: these range from 3:1

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to 33:1 for fruit, and from 5:1 to 12:1 for nuts. A set of predictions of mechanization made in 1968 was generally over-optimistic, which indicates the difficulty of predicting technological change. The Fruit situation TFS - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Mar 1980. Mar 1980. (214). p. 51-55. 14 ref. (NAL Call No.: 1.9 EC752F TFS).

0286

Strikes: a political economy approach.
Wardell, M.L. Vaught, C.; Edwards, J.N. Austin, University of Texas Press. Extract: Strikes are a frequent occurrence in advanced industrial-capitalist societies. Most analytical attention directed toward strikes addresses their causes or their institutionalized nature. In contrast, we concentrate on how organizations mobilize resources within a political-economic network either to maintain or to absorb strikes. *Social science quarterly*. Sept 1982. v. 63 (3). p. 409-427. Includes 58 references. (NAL Call No.: H1.S65).

0287

Supply, demand, and technology in a multiproduct industry: Texas field crops.
Shumway, C.R. Ames, Iowa : American Agricultural Economics Association. Extract: Technology, supply, and demand relationships among six Texas field crops and three variable inputs are investigated using a dual approach. Evidence of nonjoint production is found for wheat but not for other crops. Cotton, sorghum, and corn are homothetically separable. No larger groups of outputs nor any input groups satisfy the sufficient dual conditions for consistent aggregation and two-stage choice. Production is homothetic in outputs, fertilizer, and hired labor. Product supply and input demand equations are estimated. Estimates are inconsistent with expectations of the competitive model. The normalized profit function Hessian is not positive definite, and parameter symmetry is rejected. *American journal of agricultural economics*. Nov 1983. v. 65 (4). p. 748-760. Includes 37 references. (NAL Call No.: 280.8 J822).

0288

The supply of and demand for Mexican labor in California agriculture: a binational issue.
Mines, R. Washington, D.C. : The Service. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Available from NTIS, order no. PB84-213701. This paper was presented at the "Consortium on Trade Research," December 15-17. 1983. Tucson, Arizona. July 1984. (AGES-840607). p. 15. (NAL Call No.: DNAL AGE 916762(AGE)).

0289

Technological change and the relative share of labor: the case of tobacco production in the U.S.
Ganguly, P. Lexington, Ky., Southern Agricultural Economics Assoc. Extract: The objectives of this article are (1) to estimate the changes in labor's relative share in U.S. tobacco production for the period 1949-1976, (2) to estimate the elasticity of factor substitution, (3) to estimate the bias of technological change, and (4) to compare these findings with those of similar studies. *Southern journal of agricultural economics*. Dec 1980. v. 12 (2). p. 105-110. 18 ref. (NAL Call No.: HD101.S6).

0290

A translog cost function analysis of U.S. agriculture, 1939-77.
Ray, S.C. Lexington, Ky., American Agricultural Economics Association. Extract: The translog cost function provides a convenient framework for analyzing U.S. agricultural production in a multioutput context. Treating crops and livestock as two distinct outputs, this study utilizes standard results of neoclassical duality theory to obtain measures of pairwise elasticities of substitution between inputs, price elasticities of factor demands, and the rate of Hicks-neutral technical change. Results obtained from joint GLS estimation of parameters of cost and share equations indicate a declining trend in the degree of substitutability between capital and labor. Price elasticity of demand for all inputs increased over time. The measured rate of technical change was 1.8% per year. *American journal of agricultural economics*. Aug 1982. v. 64 (3). p. 490-498. 24 ref. (NAL Call No.: 280.8 J822).

0291

U.S. agricultural labor policy.
Quinn, P.H. Washington : U.S. Government Printing Office. Proceedings - Agricultural Outlook Conference, U.S. Department of Agriculture. Presented at the Outlook '85 Conference, December 3-5, 1984, Washington, D.C. 1984. p. 661-668. (NAL Call No.: DNAL 1.90 C20U8).

0292

U.S. agriculture in an interdependent world economy: policy alternatives for the 1980s
(Dependence on market forces, monetary and fiscal policies, exchange rate policy, labor market policy, general trade policy).
Schuh, G.E. Washington, D.C., American Engineering Institute. Food and agricultural policy for the 1980s. 1980 (pub. 1981). Presented at a conference held October 2-3, 1980, in Washington, D.C. 1980 (pub. 1981). p. 157-182. ill. Includes ref. (NAL Call No.:

HD1755.F66).

0298

Women's employment issues: discussion.

Huffman, W.E. Ames, Iowa : American Agricultural Economics Association. American journal of agricultural economics. Dec 1983. v. 65 (5). p. 1058-1059. Includes 6 references. (NAL Call No.: 280.8 J822).

0293

Unemployment insurance and agricultural labor supply.

Emerson, R.D. Arcia, G.J. Gainesville, Fla., The Department. Staff paper - University of Florida, Food and Resource Economics Department. July 1979. July 1979. (126). 12 p. 10 ref. (NAL Call No.: 917032(AGE)).

0294

Unstructured labor markets and alternative labor market forms (Harvest labor markets, farm employment).

Glover, R.W. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 317-347. Includes 9 ref. (NAL Call No.: HD1525.S4).

0299

1980 agricultural statistics for Arkansas.

United States - Crop Reporting Service. Fayetteville, Ark., The Station. Extract: This bulletin summarizes more than 52 crop and livestock estimates published in 1980. Report series - Arkansas Agricultural Experiment Station. July 1981. Predominantly tables. July 1981. (262). 44 p. maps. Includes ref. (NAL Call No.: 100 AR42R).

0295

Wages of agricultural labor in the United States by Louis J. Ducoff.

Ducoff, Louis J. (Louis Jay). 1909. Washington, D.C. U.S. Dept. of Agriculture 1945. 127 p. : ill., maps - . Includes bibliographical references. (NAL Call No.: Fiche S-69 no.895).

0296

Wages, productivity, and prices: defining the structure of food price inflation.

Lee, D.R. Ithaca, N.Y. : The Station. Extract: This paper builds on studies of food price inflation in describing aspects of the underlying structure of U.S. food price inflation, based on the interrelationships of wages, productivity, and prices in U.S. food manufacturing. Cornell agricultural economics staff paper - Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station. July 1983. July 1983. (83-15). 14 p. Includes 25 references. (NAL Call No.: HD1407.C6).

0297

Western perspective on agricultural labor issues.

Stark, T.W. Washington : U.S. Government Printing Office. Proceedings - Agricultural Outlook Conference, U.S. Department of Agriculture. Presented at the Outlook '85 Conference, December 3-5, 1984, Washington, D.C. 1984. p. 656-660. (NAL Call No.: DNAL 1.90 C20U8).

LAND ECONOMICS

0300

Agricultural counties: their location, farms, and economies.

Hoppe, R.A. Washington, D.C., The Service.

Abstract: Rural people no longer rely primarily on agriculture for their livelihood. The number of agricultural counties receiving at least 20 percent of their total labor and proprietors' income from farming declined from 2,016 in 1950 to 684 in the midseventies. This report documents the decline in counties dependent on agriculture and identifies counties where farming still provides a large portion of income and employment. Counties still depending on agriculture have unique farm and economic characteristics. This report also examines the structure of agriculture in its changing local environment. ESS staff report - U.S. Dept. of Agriculture, Economics and Statistics Service. Feb 1981. Feb 1981. (AGESS810213). 48 p. maps. 18 ref.

0301

Agricultural land use systems: an economic approach to rural land use inventory.

JSWCA3. Huffman, E. Dumanski, J. Ankeny, Iowa : Soil Conservation Society of America. Extract: A new procedure has been developed to integrate data on agricultural land, labor, capital, management, and technology. Maps, together with supporting data, present a comprehensive spatial characterization of production and cropping practices for a given area. The maps are intended to meet local needs of agricultural development, economic impact assessment, and land evaluation studies.

Journal of soil and water conservation.

Includes statistical data. May/June 1985. v. 40 (3). p. 302-306. Includes 11 references. (NAL Call No.: DNAL 56.8 J822).

0302

Analysis of labor availability in 1979 on Indiana farms of differing size & type.

Edelman, M.A. McKinzie, L.; Baker, T.G. West Lafayette, The Station. Extract: Primary survey data from 199 farms selected randomly within five counties dispersed across Indiana are analyzed to determine characteristics of farm labor during 1979. Analysis of variance is used to determine the statistical significance of differences in labor availability found in the sample. The data are intended to be of use primarily in farm management research wherein information on labor availability is required. Station bulletin - Dept. of Agricultural Economics, Agricultural Experiment Station, Purdue University. July 1981. July 1981. (338). 16 p. 3 ref. (NAL Call No.: HD1775.I615).

0303

Assessing the potential for conservation tillage: a case study in the Maple Creek watershed.

Casper, H.R. Erickson, M.W.; Hoover, H.

Washington, D.C. : The Service. Extract: A case study of the selected areas shows about 95 percent of the soils are suitable for all forms of conservation tillage. Critical erosion areas are lands of 12 to 13 percent slope. These lands comprise one-fourth of the land but contribute over half the total sediment. Preharvest costs are shown for four tillage methods. Labor, energy and other inputs for reduced, no-till and conventional tillage are compared for nonirrigated corn production. Major obstacles to adoption prior to the project were low perceptions of major erosion problems and low cost-share rates. Most operators were using some non-cost shared practices. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Jan 1983. Available from NTIS, order no PB83-209296. Jan 1983. (AGES821231). 34 p. Includes 11 references. (NAL Call No.: 916762(AGE)).

0304

Economies of size and the 160-acre limitation: fact and fancy.

Martin, W.E. Lexington, Ky., American Agricultural Economics Association. Extract: In August 1976, the U.S. District Court for the District of Columbia in the case of National Land for People, Inc. v. Bureau of Reclamation et al., ordered the Department of the Interior to initiate rulemaking proceedings with respect to the criteria and procedures to be used in approving the sales of excess lands under the 1902 Reclamation Law. These terms and conditions are quite restrictive. The major beneficiaries of the law will not be landless farm workers. They will be Bureau personnel and the large corps of lawyers required for the inevitable court challenges. American journal of agricultural economics. Dec 1978. v. 60 (5). p. 923-928. 18 ref. (NAL Call No.: 280.8 J822).

0305

Enforcing the Reclamation Act and rural development in California.

LeVeen, E.P. Berkeley, The Foundation. Extract: The relationship between farm size and the organization and nature of the rural economy and society are investigated with reference to the possible impact of imposing acreage and residency requirements. The analysis is developed using the example of Fresno County, California. Two sets of Fresno County Census tracts - one representing the kind of agriculture likely to prevail under the imposition of the Reclamation Act and the other representing the industrial system currently dominating - are compared. It is concluded that imposing the Reclamation Act would have important beneficial impacts on the rural community. However, it is also argued that

these benefits will not extend to the rural poor--the seasonal, hired labor force. Alternative scenarios for enforcing the law are examined to illustrate how the original goals of the Reclamation Act might be obtained. Working paper - Giannini Foundation of Agricultural Economics, Department of Agricultural and Resource Economics, California Agricultural Experiment Station. Sept 1978. Sept 1978. (55, rev.). 44 p. Bibliography p. 38-44. (NAL Call No.: 916970(AGE)).

0306

Farm size economies in northwest central North Dakota.

Johnson, R.G. Ditarlan, E.C. Fargo, N.D. : The Station. Extract: A reduction in farm numbers and an accompanying increase in average farm size have been occurring since the 1930's. These changes have occurred largely because farm mechanization has increased the size of farm which is most efficient to operate. The relationship between farm size and production costs for a small grain producing area in North Dakota is examined in this study. North Dakota farm research - North Dakota, Agricultural Experiment Station. Sept/Dct 1982. v. 40 (2). p. 14-17. Includes 7 references. (NAL Call No.: 100 N813B).

0307

The microdynamics of farm structural change in North America: the Canadian experience and Canada-U.S.A. comparisons.

Ehrensaft, P. LaRamee, P.; Bollman, R.D.; Buttel, F.H. Ames, Iowa : American Agricultural Economics Association. Extract: The objectives of this paper are (a) to analyze the microdynamics of structural change for important issues in the agricultural sector; (b) to present a brief comparison of Canadian and U.S. agricultural structure to open a discussion on the question: Are the Canadian conclusions applicable to the United States? and (c) to indicate the usefulness of the Statistics Canada longitudinal microdata base for understanding the process of structural change. American journal of agricultural economics. This paper was presented at the "Annual Meeting at the American Agricultural Economics Association," held Aug. 5/8, 1984, Ithaca, N.Y. Dec 1984. v. 66 (5). p. 823-828. Includes 8 references. (NAL Call No.: DNAL 280.8 J822).

0308

Regional labor markets and the household migration decision.

Krumm, R.J. JRESA. Amherst, Mass. : Regional Science Research Institute. Journal of regional science. Aug 1983. v. 23 (3). p. 361-376. Includes 11 references. (NAL Call No.: H1.A3J6).

0309

Rural industrialization and its impact on the agricultural community: a review of the literature.

Salant, P. Munoz, R.D. Washington, D.C., The Service. Extract: This report examines literature concerning (1) the link between farm scale and community welfare, and (2) the economic interface between agriculture and rural industrialization. Several farm region case studies conclude that employment and social services are more varied where smaller, family farms prevail, in other words, where agriculture is less "industrial". Other studies, undertaken in rural areas where industry has located, indicate that part-time farmers may benefit from greater employment opportunities if their skill levels match industry's demand. ESS staff report - United States Dept. of Agriculture, Economics and Statistics Service. Apr 1981. Literature review. Available from NTIS. Apr 1981. (AGESS810316). 14 p. 25 ref. (NAL Call No.: 916762(AGE)).

0310

Socio-economic characteristics and income opportunities of small farms in selected areas of Louisiana.

Huffman, D.C. Donald, S.L. Baton Rouge, La., The Station. Extract: The general objective of the study was to determine the combination of farm enterprises and off-farm employment that would maximize family income. Crop and production enterprises, hiring of services, and off-farm employment activities were included in the linear programming model. Restrictions included land, labor, farm enterprises, and off-farm employment opportunities. Results suggest that operators of small farms can improve family incomes by changing enterprise mix. Moreover, socio-economic, physical, and attitudinal characteristics of farm operators and their families should be considered in any program designed to improve income levels for operators of small farms. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. June 1981. June 1981. (580). 137 p. Includes ref. (NAL Call No.: 100 L935).

0311

Tenancy choice in a competitive framework with transactions costs.

JLPEA. Alston, L.J. Datta, S.K.; Nugent, J.B. Chicago, Ill. : University of Chicago Press. Extract: The choice between wage labor and sharecrop contracts is analyzed in a model that avoids both the pitfalls of previous models--inefficiency of sharecropping and indeterminacy--by introducing transactions costs with appropriate nonlinearities. Plantation data from the American South provide empirical support for the hypothesized nonlinearity in transactions costs and simultaneous determination of direct

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supervision and contractual choice. Journal of political economy. Dec 1984. v. 92 (6). p. 1121-1133. Includes 29 references. (NAL Call No.: DNAL 280.8 J82).

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0312

Agricultural production and the American ethos.
Goldschmidt, W. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 406-422. Includes references. (NAL Call No.: DNAL S401.A45).

0313

Aliens, immigration and commodity trade: conflicts between consumers and workers.
Huffman, W.E. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 348-386. ill. Includes references. (NAL Call No.: DNAL S401.A45).

0314

An analysis of the demand for inputs in cotton production at the Southeast Georgia Branch Station (Emphasis on labor, machinery, fertilizer, pesticides and seed, mathematical models).
Bishop, K.C. Saunders, F.B.; Wetzstein, M.E.; Perry, C.E. Athens, Ga. : The Stations. Research bulletin - University of Georgia, Experiment Stations. June 1984. June 1984. (312). 26 p. Includes 33 references. (NAL Call No.: S51.E2).

0315

An analysis of the demand for inputs in peanut production at the Southwest Georgia Branch Station (Emphasis on labor, machinery, fertilizer, pesticides and seed, mathematical models).

Bishop, K.C. Saunders, F.B.; Wetzstein, M.E.; Moss, R.B. Athens, Ga. : The Stations. Research bulletin - University of Georgia, Experiment Stations. June 1984. June 1984. (310). 26 p. Includes 30 references. (NAL Call No.: S51.E2).

0316

Changing patterns in California's harvest labor force.
CAGRA. Martin, P.L. Kaslow, H.; Egan, D. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept 1984. v. 38 (9). p. 6-8. ill. (NAL Call No.: DNAL 100 C12CAG).

0317

Costs of picking and packing peaches in South Carolina.
Holmes, M.E. Bauer, L.L.; King, G.A. Jr. Clemson, S.C., The Station. Extract: The costs of picking and packing peaches were estimated for three sizes of operations; large, packing 200,000 3/4 bushel units per year; medium, packing 113,000 units; and small, packing 52,000 units. The most significant costs are attributed to depreciation and maintenance on buildings and equipment, the marketing costs for packing materials and brokerage fees, interest on operating capital, interest on investment, and labor. The estimated annual costs for picking and packing peaches in South Carolina during 1979 were \$3.87 per 3/4 bushel for large size operation, \$4.17 for medium size, and \$4.43 for the small size. Bulletin - South Carolina Agricultural Experiment Station. Sept 1980. Sept 1980. (630). 10 p. (NAL Call No.: 100 S08 (1)).

0318

Cotton production under risk: an analysis of input effects on yield variability and factor demand.
Farnsworth, R.L. Moffitt, L.J. College Station, Tex., Western Agricultural Economics Association. Extract: The risk flexible production model developed by Just and Pope is estimated for the case of cotton in California's San Joaquin Valley and the implications of the model for factor demand are examined. Results indicate risk-reducing roles for farm machinery, labor, and fertilizer in contrast to restrictions imposed by traditional stochastic production specifications. Qualitative assessment of estimated risk effects on factor employment under risk aversion are evaluated by comparison to the risk-neutral solution. Western journal of agricultural economics. Dec 1981. v. 6 (2). p. 155-163. 10 ref. (NAL Call No.: HD1750.W4).

0319

The dynamics of beef cattle production: model formulation, application and an example.
Apland, J. West Lafayette, Ind. : Purdue University. Extract: The beef cattle feeding problem is cast in the context of a multistage production process using mathematical programming. By defining discrete stages of growth, the model is able to account for changes in nutrient requirements through time. Time-related costs such as interest and labor may be incorporated in the formulation. Estimated equations from the 1984 Nutrient Requirements for Beef Cattle published by the National Research Council are used. The mathematical program is nonlinear in the objective due to interest cost calculations and in the constraints due to the functional forms of nutrient requirement equations. North Central journal of agricultural economics. July 1985. v. 7 (2). p. 21-32. Includes 14 references. (NAL Call No.: DNAL HD1773.A3N6).

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0320

Economic profiles for corn, hay and pasture; 1982 and five year average 1978-82.
Knoblauch, W.A. Lazarus, W.F.; Milligan, R.A. Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. Nov 1983. Nov 1983. (83-31). 43 p. Includes 15 references. (NAL Call No.: 281.9 C81AE).

0321

Ethical issues and farm labor: the contribution of economic analysis.
Sumner, D.A. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 337-347. Includes references. (NAL Call No.: DNAL S401.A45).

0322

Mechanical harvesting and the California tomato industry: a simulation analysis.
Brandt, J.A. French, B.C. Ames, Iowa, American Agricultural Economics Association. Extract: Simulation analysis based on an econometric model was used to compare processing-tomato industry performance with and without the development of mechanical harvesting and under differing wage scales. Expanded production under mechanical harvesting increased requirements for preharvest, seasonal and off-season cannery, and assembly labor relative to continued hand harvest. This offset much, but not all, of the reduction in seasonal harvest labor. Employment shifted more toward jobs of higher skill and pay. Product prices were lower. Economic surplus measures suggest consumers have been the primary long-run benefactors of mechanical harvest adoption. American journal of agricultural economics. May 1983. v. 65 (2). p. 265-272. Includes 11 references. (NAL Call No.: 280.8 J822).

0323

Overhead costs from farm cost accounts: 27 farms - 1980 New York State.
Snyder, D.P. Ithaca, N.Y., The Station. A.E. Res. - Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station. Nov 1981. Nov 1981. (81-22). 50 p. (NAL Call No.: 281.9 C81A).

0324

The production structure of Pennsylvania dairy farms.
Grisley, W. Gitu, K.W. Amherst, Mass. : Northeastern Agricultural and Resource Economics Association. Extract: The production structure of a selected cross-section sample of family owner-operated dairy farms is investigated using a translog variable cost function. Elasticities of scale, input substitution, and input own- and cross-price elasticities are estimated. At the sample mean herd size of 67 cows producing at 15,173 pounds of milk per cow, the elasticity of scale parameter was 1.00, implying constant returns to scale. The elasticities of substitution between feeds and hired labor and the own-and cross-price elasticities were inelastic. Northeastern journal of agricultural and resource economics. Includes statistical data. Oct 1984. v. 13 (2). p. 244-253. Includes 25 references. (NAL Call No.: DNAL AGE HD1773.A2N6).

0325

Projected cost & returns - rice & soybeans, Southwest Louisiana, 1982.
Musick, J. Baton Rouge, La., The Station. Extract: Returns shown in these budgets are returns to land, management, risk and overhead for owner-operator situations and returns to management, risk and overhead for tenant-operator situations. As used here, overhead refers to the cost of those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assignable to a specific enterprise. Overhead and labor costs associated with pick up truck operations and farm machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Predominantly tables. Jan 1982. (587). 40 p. Includes ref. (NAL Call No.: 100 L935).

0326

Projected cost & returns, cotton - soybeans - corn - rice, Northeast Louisiana, 1982.
Paxton, K. Musick, J. Baton Rouge, La., The Station. Extract: Returns shown in these budgets are returns to land, management, risk and overhead for owner-operators and returns to management, risk and overhead for tenant operators. As used here, overhead refers to those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with pick up truck use and farm shop machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Predominantly tables. Jan 1982. (588). 82 p. Includes ref. (NAL Call No.:

100 L935).

0327

Projected cost & returns for beef cattle, dairy production, & forage crops in Louisiana 1982.
 Huffman, D. Boucher, R. Baton Rouge, La., The Station. Extract: This report has been prepared to provide estimates of production practices, costs and returns for 1982. Returns shown in these budgets are returns to land, management, risk and overhead for owner-operators. As used here, overhead refers to those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with pickup truck use and farm shop machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Predominantly tables. Jan 1982. (586). 51 p. 3 ref. (NAL Call No.: 100 L935).

0328

Projected costs and returns, cotton - soybeans - corn, Red River & Central areas, Louisiana, 1982.
 Paxton, K.W. Lavergne, D.R. Baton Rouge, La., The Station. Extract: Returns shown in these budgets are returns to land, management, risk and overhead for both owner-tenant-operators. As used here, overhead refers to those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with pick up truck use and farm shop machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Jan 1982. (589). 53 p. Includes ref. (NAL Call No.: 100 L935).

0329

Status of family and hired labor use in stripping burley tobacco leaf in Kentucky.
 Hallaron, J.L. Shuffett, D.M.; Bradford, G.; Rudd, R.W. Lexington, The Station. Staff paper - University of Kentucky, Dept. of Agricultural Economics. Jan 1979. Jan 1979. (80). 31 p. 4 ref. (NAL Call No.: 917112(AGE)).

0330

Tillage & herbicide application costs of weed control.
 Fogle, V. Bozeman, Mont. : The Service. Montguide MT : Agriculture - Montana State University, Cooperative Extension Service. Feb 1983. (8312). 2 p. (NAL Call No.: DNAL S544.3.M9M65).

0331

Traditional grower/labor contractor set-up changed by federal laws and court decisions (Farm Labor Contractor Registration Act, Farm labors, California, Arizona, United States).
 Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Sept 1984. v. 69 (11). p. 256-257. (NAL Call No.: 80 C125).

0332

United States fruit and vegetable harvest mechanization and labor use projections to 1990.
 HJHSA. Johnson, S.S. Zahara, M. Alexandria, Va. : American Society for Horticultural Science. HortScience. Feb 1985. v. 20 (1). p. 23-28. Includes 27 references. (NAL Call No.: DNAL SB1.H6).

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0333

Adaptive agricultural equipment workshops in Michigan (Farm workers with physical disabilities).

Doss, H.J. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1984. Paper presented at the 1984 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1984. (fiche no. 84-5008). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

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Affective work competencies of agriculture workers as compared by age (Relevant to education, Missouri).

Petty, G.C. Stewart, B.R. Mississippi State : The Association. The Journal of the American Association of Teacher Educators in Agriculture. Winter 1983. v. 24 (4). p. 51-58. Includes references. (NAL Call No.: S530.A4).

0335

Agricultural labor needs in the 1980s.

Smith, L.W. Coltrane, R. Washington, The Service. Abstract: The changing structure of agriculture has had important effects on labor use and the composition of the farm work force. The number of family workers has consistently declined since the early 1900s, but hired farm employment stabilized during the 1970s after years of decline. Data indicate that there are two distinct groups of hired farmworkers--those who are engaged in farmwork on a casual or seasonal basis and those who are more dependent on hired farmwork for their livelihood and family support. Some policy issues relate to both groups, but the primary target for farmworker policy should be the group most dependent on agriculture for family income. ESS staff report - U.S. Dept. of Agriculture, Economics and Statistics Service. Jan 1981. Jan 1981. (AGESS810113). 22 p. charts. 17 ref. (NAL Call No.: 916762(AGE)).

0336

The agricultural mechanization controversy.

SCIEA. Martin, P.L. Olmstead, A.L. Washington, D.C. : American Association for the Advancement of Science. Science. Feb 8, 1985. v. 227 (4687). p. 601-606. Includes references. (NAL Call No.: DNAL 470 SCI2).

0337

Analysis of labor availability in 1979 on Indiana farms of differing size & type.

Edelman, M.A. McKinzie, L.; Baker, T.G. West Lafayette, The Station. Extract: Primary survey data from 199 farms selected randomly within five counties dispersed across Indiana are analyzed to determine characteristics of farm labor during 1979. Analysis of variance is used to determine the statistical significance of differences in labor availability found in the sample. The data are intended to be of use primarily in farm management research wherein information on labor availability is required. Station bulletin - Dept. of Agricultural Economics, Agricultural Experiment Station, Purdue University. July 1981. July 1981. (338). 16 p. 3 ref. (NAL Call No.: HD1775.1615).

0338

Are employees hired by choice or by chance? (Employee selection, selection criteria and job performance criteria for nursery workers, guidelines).

Rosenberg, H.R. Chicago, Ill. : American Nurseryman Publishing Co. American nurseryman. Apr 1, 1984. v. 159 (7). p. 101-105. ill. (NAL Call No.: 80 AM371).

0339

Arkansas commercial egg budgets, 1982-83.

Estimated costs and returns at specified cost levels (Investment requirements, includes buildings, equipment, labor, cash flow). Halbrook, W. Barton, L.; Fryar, E.; Lankford, L. Fayetteville : The Station. Special report - Agricultural Experiment Station, Cooperative Extension Service, University of Arkansas. Jan 1982. Jan 1982. (108). 40 p. ill. (NAL Call No.: 100 AR42SP).

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The benefits of a farm safety program.

CAGRA. Bayer, D.L. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1984. v. 38 (1/2). p. 26-27. (NAL Call No.: DNAL 100 C12CAG).

0341

Better use of man labor on the farms few suggestions for increasing man power by using bigger teams and more machines /H.R. Tolley, A.P. Yerkes. -.

Tolley, H. R. 1889-1958. Washington, D.C. : U.S. Dept. of Agriculture, 1918. 15 p. : ill. -. (NAL Call No.: DNAL Fiche S-70 no.989).

0342

Breaking tradition: new profile of the unemployed.

Nilsen, S. Washington, D.C. : The Service. Farmline - United States Dept. of Agriculture, Economic Research Service. Oct/Nov 1983. v. 4 (8). p. 12-13. (NAL Call No.: DNAL AGE aHD.1401.A2U52).

0343

Broilers, hatching eggs give greatest return on labor, capital.

Lance, C. Sea Isle City, N.J. Extract: This article on broiler and broiler hatching egg production is part of a study made to compare economic differences among alternative contract poultry enterprises during a given time period. The study indicates that higher labor returns on investment come from hatching eggs and highest returns for owner labor are produced in broiler growing operations. This holds true for operations with investments of \$200,000 and less, but returns to labor from large automated table egg operations are higher due to improved labor efficiency from automated egg packing equipment and economies of size. Poultry digest. May 1981. v. 40 (471). p. 248-258. (NAL Call No.: 47.8 N219).

0344

A budgeting system for controlling labor costs (Nurseries).

Marchant, B. Chicago, Ill., American Nurseryman Publishing Co. American nurseryman. Sept 1, 1982. v. 156 (5). p. 92-95. (NAL Call No.: 80 AM371).

0345

Burley tobacco farming characteristics and potential for change.

Grise, V.N. Shugars, O.K. Washington, D.C., The Department. Agricultural economic report - United States Dept. of Agriculture. Sept 1980. Sept 1980. (460). 41 p. map. 6 ref. (NAL Call No.: A281.9 AG8A).

0346

California hired farm labor and law: Basic information on wages and agriculture.

Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21083). 2 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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California hired farm labor and law: Minimum wage and payment of wages.

Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21073). 24 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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California hired farm labor and law: Overview of workers' compensation.

Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21082). 7 p. 111. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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California hired farm labor and law: Payroll tax obligations of agricultural employees.

Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21080). 6 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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Characteristics of farmer cattle feeding.

Van Arsdall, R.N. Nelson, K.E. Washington, D.C. : The Department. Extract: Fed cattle production grew by one-third during 1964-80. Meanwhile, the number of farmer cattle feeder operations fell by about half to only 113,000 as commercial feedlot enterprises effectively used capital, labor, and marketing to seize over 70 percent of the market. The drop in number of individual farmers who feed cattle should continue in the eighties. Overall, feedlots operated by farmers are becoming fewer but larger as numbers decline east of the Mississippi River, and as cattle feeder establish more farms in the western Corn Belt and southern High Plains. Agricultural economic report - United States Dept. of Agriculture. Aug 1983. Available from NTIS, order no. PB83-257469. Aug 1983. (503). 41 p. Includes 15 references. (NAL Call No.: A281.9 AG8A).

0351

Classification of women as farmers: economic implications (Farm management aspects, workers, United States).

Scholl, K.K.XAEEA. Beltsville : The Service. Family economics review - U.S. Department of Agriculture, Agricultural Research Service. Oct 1983. Includes statistical data. Oct 1983. (4). p. 8-17. Includes references. (NAL Call No.:

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aTX326.A1U5).

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Comparison of alternative functional forms with application to agricultural input data.
Chalfant, J.A. Berkeley, Calif. : The Station. Extract: This paper considers generalizations of the common flexible functional forms for cost functions. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Dec 1983. (289). 13 p. Includes 12 references. (NAL Call No.: DNAL AGE 916970(AGE)).

0353

A corn-belt farming system which saves harvest labor by hogging down crops by J.A. Drake . -.
Drake, J. A. Washington, D.C. : U.S. Dept. of Agriculture, 1917. 14 p. : ill. - (NAL Call No.: DNAL Fiche S-70 no.614 1917).

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Corn production practices in selected states, 1978.
Lagrone, W.F. Krenz, R.D. Lincoln, The Department. Extract: In the 1979 survey, corn producers were personally contacted in Alabama, Colorado, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Pennsylvania, South Carolina, Tennessee, Texas, and Wisconsin. Farmers in these states were surveyed to obtain information on seeding, labor hired, machinery use, and other practices in corn for grain production for the 1978 crop year. Report - University of Nebraska, Agricultural Experiment Station, Dept. of Agricultural Economics. Aug 1980. Aug 1980. (108). 51 p. Includes ref. (NAL Call No.: 281.9 N27).

0355

Cost estimates of alternative wheat production systems for Garfield County (Oklahoma).
Epplin, F.M. Tice, T.F.; Handke, S.J.; Peepo, T.F.; Krenzer, E.G. Jr. Stillwater, Okla. : The Station. Extract: This report presents estimates of costs and resource requirements for alternative wheat production systems. Bulletin B - Oklahoma Agricultural Experiment Station. Aug 1983. Aug 1983. (B-766). 45 p. Includes 14 references. (NAL Call No.: 100 OK4 (1)).

0356

Costs and returns for dairying today.
Fausett, Marvin R. Barnaby, G. A. & KSU farm management guides. 1981. This publication discusses the resources required for a dairy enterprise. Document available from: Kansas State University, Distribution Center, Umberger

Hall, Manhattan, Kansas 66506. 4 p. (NAL Call No.: Not available at NAL.).(NAL Call No.: MF-272).

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Costs of asparagus production in western Michigan.

MUCBA. Kelsy, M. Bradford, L.; Strong, E. East Lansing, Mich. : The Service. Extension bulletin E - Cooperative Extension Service, Michigan State University. Includes statistical data. Jan 1985. (1327, rev.). 6 p. (NAL Call No.: DNAL 275.29 M58B).

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Costs of peach production in western Michigan.
MUCBA. Kelsy, M. Bradford, L. East Lansing, Mich. : The Service. Extension bulletin E - Cooperative Extension Service, Michigan State University. Includes statistical data. Jan 1985. (1016,rev). 4 p. (NAL Call No.: DNAL 275.29 M58B).

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Costs of producing burley tobacco: 1981 and 1982 and projected 1983.

Grise, V.N. Washington, D.C. : The Service. Extract: Variable and total costs per acre of producing and selling burley tobacco rose 4 percent in 1982, and both are expected to increase again this year. Much of this year's increase in costs will result from the big hike expected in the no-net-cost assessment. Prices of petroleum-based inputs and wage rates are forecast to change little. These estimates are based on information from a 1977 survey of 790 burley tobacco producers in the Bluegrass and south-central areas of Kentucky and north-central and eastern Tennessee. The information has been updated with input prices for 1981 and 1982 and projected input prices for 1983. Technology and the input mix for 1981-83 are assumed the same as for 1976, except for market-preparation labor and fungicide use. Tobacco outlook and situation TS - United States Dept. of Agriculture, Economic Research Service. June 1983. June 1983. (184). p. 27-28. (NAL Call No.: 1.9 EC752F TS).

0360

Costs of watermelon handling from grower to retailer.

XMRRB. Mongelli, R.C. Anthony, J.P. Jr.; Kindya, W.G.; Perry, A. Washington, D.C. : The Department. Marketing research report - United States, Dept. of Agriculture. June 1984. (1141). 18 p. ill. Includes references. (NAL Call No.: DNAL 1 AG84MR).

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0361

Costs, returns for contract egg producers in Georgia.

Lance, C. Sea Isle City, N.J. Extract: This article is part of a study made to compare economic differences among alternative contract poultry enterprises during a given time period. The purpose of the study was to provide prospective producers with information on capital investment, labor requirements and operating costs for a comparison of returns from alternative poultry enterprises. The highest labor return per unit of capital invested from contract poultry facilities within the investment range of \$56,000 to \$167,000 was obtained from broiler hatching egg operations of 7,600 to 23,000 hens. Poultry digest. Feb 1981. v. 40 (468). p. 94-105. (NAL Call No.: 47.8 N219).

form for use in the systematic study of individual farm business operations. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. May 1983. May 1983. (83-14). 26 p. (NAL Call No.: 281.9 C81AE).

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Dairy farm business summary: central New York region, 1983.

Knoblauch, W.A. Putnam, L.D. Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. May 1984. Predominantly tables ~Includes statistical data. May 1984. (84-20). 26 p. (NAL Call No.: 281.9 C81AE).

0362

Custom rates for farm operations (Labor costs).

Reed, A.D. Horel, L.A. (comps.). Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of California, California. University, Berkeley. Cooperative Extension. May 1979. May 1979. (2232). 13 p. (NAL Call No.: S544.3.C2C3).

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Dairy farm business summary: Central Plain region, 1983.

Knoblauch, W.A. Putnam, L.D. Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. May 1984. Includes statistical data. May 1984. (84-14). 26 p. (NAL Call No.: 281.9 C81AE).

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Custom rates for farm-ranch operations in Wyoming. Guides for 1983-84 (Contracting labor, equipment and power units for specific jobs).

Laramie, Wyo. : The Service. Bulletin - Wyoming University, Agricultural Extension Service. June 1983. June 1983. (703R). 14 p. ill. (NAL Call No.: 275.29 W99B).

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Dairy farm business summary: Columbia and Dutchess counties, 1983.

Smith, S.F. Putnam, L.D. Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. May 1984. Includes statistical data. May 1984. (84-15). 26 p. (NAL Call No.: 281.9 C81AE).

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Custom rates for farm work in Montana (Hiring labor and equipment to perform specified tasks).

Bucher, R.F. Bozeman, Mont. : The Service. Circular - Montana State University, Cooperative Extension Service. Mar 1984. Mar 1984. (242, rev.). 15 p. (NAL Call No.: 275.29 M76CI).

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Dairy farm business summary: eastern New York renter summary 1983.

Smith, S.F. Putnam, L.D. Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. May 1984. Predominantly tables. May 1984. (84-17). 12 p. (NAL Call No.: 281.9 C81AE).

0365

Dairy farm business summary: central New York region 1982.

Knoblauch, W.A. Ithaca, N.Y. : The Department. Extract: Primary objectives of the dairy farm business management program are to (1) assist farmers in developing and maintaining more complete farm business data for use in management decisions and (2) help farmers improve their management skills through appropriate use of farm record data and application of modern decision-making techniques. This report is prepared in workbook

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Dairy farm management business summary, New York, 1977.

Bratton, C.A. Ithaca, N.Y., The Station. A.E. Res. - Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station. July 1978. Predominantly tables. July 1978. (78-8). 51 p. (NAL Call No.: 281.9 C81A).

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0371

Determinants of farm mechanization in Kentucky: an econometric analysis.

Debertin, D.L. Pagoulatos, A.; Aoun, A. Fargo, N.D., North Dakota State University. Dept. of Agricultural Economics. Extract: This study identifies determinants of agricultural mechanization. A derived demand function for mechanization is used to formulate the estimation equation. The equation is estimated using county level cross sectional data from Kentucky. Results reveal that farm size, labor availability, age and education of farmers are related to agricultural mechanization levels. North Central journal of agricultural economics. July 1982. v. 4 (2). p. 73-80. 17 ref. (NAL Call No.: HD1773.A3N6).

0372

Dimensions of the internal stratification of smallholders: insights from North Carolina Piedmont counties.

RUSOA. Schulman, M.D. Garrett, P.; Luginbuhl, R. Lexington, Ky. : The University of Kentucky. Extract: This paper examines the dimensions of internal stratification in a regionally specific sample of smallholders selected from three North Carolina Piedmont counties. It differs from other smallholder samples in that most respondents are black, low income, and produce flue-cured tobacco. Nevertheless, data analysis reveals that the important dimensions of internal stratification are similar to those identified in previous research. Promax factor analysis shows that the major dimensions of internal stratification are scale of the farm enterprise, off-farm family labor, farm operator's age and education, and land tenure. Canonical discriminant analysis discloses the difference between smallholders who do and who do not own tobacco allotments. These results suggest the importance of incorporating both land tenure and choice of commodity into subsequent analyses of internal stratification among smallholders. Rural sociology. Summer 1985. v. 50 (2). p. 251-261. Includes 27 references. (NAL Call No.: DNAL 281.28 R88).

0373

Discussion (Cost of production estimates).

Mueller, A.G. Washington, The Service. ESCS - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. June 1979. Available from NTIS - order no. PB 296-649. June 1979. (56). p. 62-65. (NAL Call No.: aHD1751.U56).

0374

Econometric analysis of U.S. farm labor markets.

Wang, G.H.K. Heady, E.O. Ames, Iowa, The Center. Extract: This study tests whether previous empirical results still hold in a more recent sample period. Most previous estimates

were made by single-equation ordinary least-squares or generalized least squares methods. Some estimates used limited-information simultaneous equation procedures with the assumption of independent errors. However, little attention has been given to the choice of appropriate estimation procedures. Finally, to the best of our knowledge, no previous published works exist on the derivation and analysis of the dynamic properties of models for family farm labor and hired farm labor. In this study, we report empirical results of estimates obtained by alternative estimating procedures. We also report the dynamic properties of models for the two components of farm labor. CARD report - Iowa State University, Center for Agricultural and Rural Development. May 1980. May 1980. (91). 64 p. 41 ref. (NAL Call No.: 281.9 I093).

0375

Economic comparison of alternative burley tobacco harvesting practices by computer (Costs, equipment, labor).

Bridges, T.C. Wells, L.G.; Duncan, G.A.; Walker, J.N. St. Joseph, Mich., The Society. Transactions of the ASAE - American Society of Agricultural Engineers. July/Aug 1980. v. 23 (4). p. 805-809. ill. 9 ref. (NAL Call No.: 290.9 AM32T).

0376

Economic comparison of costs and returns for contract producers in broiler, broiler hatching egg, and table egg enterprises in Georgia.

Lance, G.C. Athens, Ga., The Stations. Extract: The primary objectives of this report are to: (1) present capital investment, labor requirements, and contract production costs and returns comparisons for (a) broilers, (b) broiler hatching eggs, (c) manual table egg production systems, and (d) automated table egg production systems; and (2) present a description of the production characteristics of alternative poultry enterprises to help prospective producers to determine the feasibility of coordinating contract poultry production with off-farm work and other farm enterprises. Research bulletin - University of Georgia, Experiment Stations. Mar 1981. Mar 1981. (263). 37 p. 9 ref. (NAL Call No.: 551.E2).

0377

Economic interrelationships in Texas field crop production.

Shumway, C.R. College Station, Tex. : The Department. Extract: Technology, supply and demand relationships among six Texas field crops and three variable inputs are investigated using a dual approach. Evidence of nonjoint production is found for wheat but not for other crops. Three commodities, cotton, sorghum and corn, are found to be homothetically separable. No larger groups of

outputs or any groups of inputs satisfy the sufficient conditions for consistent aggregation and two-stage choice. Departmental technical report - Texas Agricultural Experiment Station, Texas A & M University, Department of Agricultural Economics. Sept 1983. Sept 1983. (83-1). 36 p. Includes 38 references. (NAL Call No.: HD1775.T4T5).

0378

Economic profiles for corn, hay and pasture; 1982 and five year average 1978-82.
 Knoblauch, W.A. Lazarus, W.F.; Milligan, R.A. Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. Nov 1983. Nov 1983. (83-31). 43 p. Includes 15 references. (NAL Call No.: 281.9 C81AE).

0379

The economics of alternative milking systems for Washington dairy cows (Capital investment, annual operating costs, and labor needs).
 Wetzel, H.R. WA. Willett, G.S.; Stanton, B.F. Pullman, Wash., The Service. EM - Cooperative Extension Service, Washington State University. Washington State University. Cooperative Extension Service. Feb 1980. Feb 1980. (4535). 31 p. ill. 10 ref. (NAL Call No.: 275.29 W27MI).

0380

Economics of conservation tillage in Iowa.
 Jolly, R.W. JSWCA. Edwards, W.M.; Erbach, D.C. Ankeny, IA : Soil Conservation Society of America. Extract: Farm-level risks and returns were examined for corn and soybeans grown in rotation using three conservation tillage systems. A conventional moldboard plow system served as a benchmark. Potential economic incentives and barriers to adoption of conservation tillage were identified and measured. Short-run economic criteria favored conventional and full-width tillage systems. Higher residue systems were competitive after reallocation of labor and capital. Results indicate that short-run economic penalties may inhibit adoption of conservation tillage. Journal of soil and water conservation. May-June 1983. v. 38 (3). p. 291-294. Includes 5 references. (NAL Call No.: 56.8 J822).

0381

Economics of conservation tillage systems for winter wheat production in Oklahoma.
 Epplin, F.M. JSWCA. Tice, T.F.; Handke, S.J.; Peepert, T.F.; Krenzer, E.G. Jr. Ankeny, IA : Soil Conservation Society of America. Extract: Alternative conservation tillage systems that rely on herbicides rather than mechanical tillage for weed control in annual winter wheat

production in Oklahoma were investigated by an interdisciplinary team. The additional costs of the herbicides required for the experimental systems exceeded the value of the fuel and labor saved. However, most conservation tillage systems required less investment in machinery and some proved competitive with conventional systems on a total cost basis. Combination systems in which half the farm was conventionally tilled did not generate substantial savings in machinery investment. Journal of soil and water conservation. May-June 1983. v. 38 (3). p. 295-297. Includes 4 references. (NAL Call No.: 56.8 J822).

0382

Economics of no-till crop production.
 Swenson, A.L. Johnson, R.G. Fargo, N.D. : The Station. Extract: When proper management has been utilized, spring seeded small grain yields under no-till are similar to conventional tillage yields. Costs of no-till on continuous cropping are slightly higher than production with conventional tillage practices when reductions are made in the amount of machinery owned. The high herbicide expenditures of complete chemical fallow presently make it economically uncompetitive with mechanical fallow. Substantial cost and labor distribution advantages of raising winter wheat in untilled seedbeds make it an attractive alternative to conventional spring seedings. Seeding directly into stubble provides a more favorable environment for overwinter survival, enabling winter wheat production in areas previously considered too risky. North Dakota farm research - North Dakota, Agricultural Experiment Station. Jan/Feb 1982. v. 39 (4). p. 14-17. Includes 8 references. (NAL Call No.: 100 N813B).

0383

Economics of part-time farming.
 Wysong, J.W. College Park, Md. : The Council. Extract: Part-time farming in Maryland and the Northeast with full-time off-farm employment of one or more of the farm operators is competitive incomewise with many types and sizes of commercial farms. Individuals, families, and society in general will benefit in the future from the encouragement of fuller utilization of underutilized or unemployed rural resources to produce marketable agricultural output and subsistence types of food for household and local charitable purposes. Labor extensive types of crop and animal production activities have increased relatively and absolutely during the past decade on Maryland and Northeastern part-time farms. Journal - Northeastern Agricultural Economics Council. Oct 1981. v. 10 (2). p. 29-35. Includes 30 references. (NAL Call No.: HD1773.A2N6).

(FARM ORGANIZATION AND MANAGEMENT)

0384

Economies of size and the 160-acre limitation: fact and fancy.

Martin, W.E. Lexington, Ky., American Agricultural Economics Association. Extract: In August 1976, the U.S. District Court for the District of Columbia in the case of National Land for People, Inc. v. Bureau of Reclamation et al., ordered the Department of the Interior to initiate rulemaking proceedings with respect to the criteria and procedures to be used in approving the sales of excess lands under the 1902 Reclamation Law. These terms and conditions are quite restrictive. The major beneficiaries of the law will not be landless farm workers. They will be Bureau personnel and the large corps of lawyers required for the inevitable court challenges. American journal of agricultural economics. Dec 1978. v. 60 (5). p. 923-928. 18 ref. (NAL Call No.: 280.8 J822).

0385

Economy in propagation: using labor efficiently (Horticulture).

Baldwin, I. ANURA. Stanley, J. Chicago : American Nurseryman Publishing Co. American nurseryman. Mar 1, 1981. v. 153 (5). p. 18, 33-34. ill. (NAL Call No.: 80 AM371).

0386

The educational level of farm residents and workers.

Fratoe, F.A. Washington, D.C., The Service. Abstract: This report examines educational characteristics of the farm-related population, including nonmetro farm residents and workers by race and sex. Members of this population generally lag behind their nonfarm-related counterparts in all areas examined. Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Mar 1979. Available from NTIS order no. PB 293-384. Mar 1979. (8). 24 p. 29 ref. (NAL Call No.: aHT392.A53).

0387

The effect of mining on agricultural hired labor in the Northern Great Plains.

Adams, R.M. Menkhaus, D.J. Lexington, Ky., American Agricultural Economics Association. Extract: The descriptive evidence lends plausibility to the assertion that the mining industry is accelerating the transfer of labor from agriculture. The typical economic base in many of the rural areas experiencing energy expansion is livestock oriented with no industrial base other than mining. This simple economic structure and the isolation of energy extraction sites from more populous areas of the region suggest that mining employment (and rising wages) may indeed represent an opportunity cost of agricultural employment. American journal of agricultural economics. Nov 1980. v.62 (4). p. 748-752. 22 ref. (NAL Call

No.: 280.8 J822).

0388

Effects of changing milk and feed prices on management practices and incomes: New York dairy farms 1974-1978.

Young, M.L. Ithaca, N.Y., The Station. Extract: The purpose of this study was to observe and quantify the effects of changing milk and feed prices and the resulting milk-feed price ratios on labor and management incomes, concentrates fed per cow, concentrates fed per pound of milk produced, and other management practices. A secondary purpose was to observe the differences in these same variables by herd size, production level and management income level. A.E. Res. - Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station. May 1980. May 1980. (80-8). 36 p. (NAL Call No.: 281.9 C81A).

0389

Effects of energy development on secondary labor markets in North Dakota.

NDFRA. Halstead, J.M. Leistritz, F.L. Fargo, N.D. : The Station. North Dakota farm research - North Dakota, Agricultural Experiment Station. Sept/Oct 1984. v. 42 (2). p. 28-32. Includes references. (NAL Call No.: DNAL 100 N813B).

0390

Efficient production in propagation (Nursery business, labor cost reduction).

Drum, P. Wilde, J.; Schumacher, D.; Knosher, G. Boulder, Colo., The Society. Combined proceedings - International Plant Propagators' Society. 1979. v. 29. p. 280-284. (NAL Call No.: 451 P692).

0391

An empirical allocation of dairy farm partnership income to capital, labor, and management /by Loren Tauer. -.

Tauer, Loren. Ithaca, N.Y. : Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station, New York State College of Agriculture and Life Sciences, 1984. Cover title.~ "June 1984.". 10 p. ; 28 cm. - Bibliography: p. 10. (NAL Call No.: DNAL HD1407.C6 no.84-15).

0392

Employee compensation--when equal pay is not equal (Landscaping and nursery workers).

Hannebaum, L.G. ANURA. Chicago : American Nurseryman Publishing Co. American nurseryman. Dec 1, 1981. v. 154 (11). p. 13, 46, 48. (NAL Call No.: 80 AM371).

0393

Employer-employee relationships on hog farms (Labor management).

Mueller, A.G. Hollis, G.; Johnson, L.; Waldo, M. West Lafayette, Ind. : The Service, 1978/1984. Pork industry handbook / Purdue University, Cooperative Extension Service. PIH-88, June 1983. 2 p. (NAL Call No.: SF395.P62).

0394

Employment, wages, and benefits on California farms.

CAGRA. Johnston, G.W. Martin, P.L. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1984. v. 38 (1/2). p. 17-19. maps. (NAL Call No.: DNAL 100 C12CAG).

0395

Estimated costs of packing and selling fresh Florida citrus, 1980-81 season.

Hooks, R.C. Gainesville : The Stations. Extract: Packing costs increased during the 1980-81 season, with the greatest increases shown in other direct and indirect operating expense. Packing costs for two 4/5-bu. cartons of Florida oranges and grapefruit were estimated at \$3.65 and \$3.57, an increase of 24.8 and 23.3 percent above 1979-1980. Tangerine and tangelo packing costs for two 4/5-bu. cartons were estimated at \$5.18 and \$4.33, an increase of 38.5 percent for tangerines and 27.0 percent for tangelos. The 1980-81 estimates were based on accounting information obtained from 22 Florida packinghouses. Economic information report - University of Florida, Food and Resource Economics Department, Agricultural Experiment Stations. Mar 1984. Predominantly tables. Mar 1984. (195). 18 p. Includes 3 references. (NAL Call No.: HD9007.F6F6).

0396

Estimated costs of packing and selling fresh Florida citrus, 1981-82 season.

Hooks, R.C. Gainesville : The Stations. Extract: Packing cost changes for the 1981-82 season were mixed. Packing costs for two 4/5-bushel cartons of Florida oranges and grapefruit were estimated at \$3.80 and \$3.57, an increase of 4.2 percent for oranges and no change for grapefruit. Tangerine and tangelo packing costs for two 4/5 bushel cartons were estimated at \$4.31 and \$3.86, a decrease of 16.8 percent for tangerines and 10.9 percent for tangelos. The 1981-82 estimates were based on accounting information for 17 Florida packing houses. Economic information report - University of Florida, Food and Resource Economics Department, Agricultural Experiment Stations. Apr 1984. Apr 1984. (196). 18. Includes 3 references. (NAL Call No.: HD9007.F6F6).

0397

Estimating irrigation pumping and sprinkler system costs.

Willett, G.S. WUEXA. Dunford, R.W.; Wright, M.A. Pullman : The Service. Extract: This publication presents a procedure for identifying the costs of owning and operating sprinkler irrigation systems. The procedure can be used for either surface or underground water sources; but is limited to electrically-powered pumps. Alternatives include: 1) center pivot, 2) side-roll, 3) solid set, 4) permanent set, 5) traveling gun or boom, 6) stationary gun or boom, and 7) hand move systems. Depreciation, interest, property taxes, insurance, power, repairs and maintenance, moving costs, and labor costs are estimated for each. A worksheet is provided to simplify the procedure and an example illustrates its use. Extension Bulletin - Washington State University, Cooperative Extension Service. Sept 1982. Predominantly tables. Sept 1982. (1166). 18 p. (NAL Call No.: 275.29 W27P).

0398

Estimation of risk-income and labor-income trade-offs with conjoint analysis.

Patrick, G.F. Loehman, E.T.; Fernandez, A. Fargo : North Dakota State University. Extract: Conjoint analysis, a technique which assigns part-worths ("utilities") to prespecified levels of attributes to minimize differences between actual and predicted ranking of multiattribute alternatives, is used to derive trade-offs. Farmers ranked alternatives with specified levels of net income, risk of bankruptcy and hours worked per day. The risk-income and labor-income trade-offs were derived. Trade-offs vary widely among farmers and do not seem to be explained by common socio-economic variables. North Central journal of agricultural economics. July 1984. v. 6 (2). p. 151-156. Includes 20 references. (NAL Call No.: HD1773.A3N6).

0399

Factors affecting costs of producing milk in Georgia.

Carley, D.H. Athens, Ga., The Stations. Research bulletin - University of Georgia, Experiment Stations. Aug 1979. Aug 1979. (242). 29 p. 15 ref. (NAL Call No.: S51.E2).

0400

Facts for California agricultural employees about state disability insurance (off-the-job injuries); worker's compensation insurance (on-the-job injuries).

Martin, M.E. CA. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. July 1980. July 1980. (21158). 4 p. (NAL Call No.: S544.3.C2C3).

(FARM ORGANIZATION AND MANAGEMENT)

0401

The family's role in the Wisconsin family farm, (a sample study of Wisconsin farms 1950, 1960 and 1975).

Dorner, P. Marquardt, M. Madison, The Department. Agricultural economics staff paper - University of Wisconsin, Department of Agricultural Economics. Dec 1979. Dec 1979. (171). 41 p. Includes ref. (NAL Call No.: HD1401.W57).

0402

Farm flock sheep management systems.

Kruse, J.L. Gee, C.K.; Madsen, A.G. Fort Collins : The Station. Extract: This study assessed the profitability of different management systems for farm flock sheep enterprises. The analysis centers on lambing date, which determines feed costs through interrelationships among feed requirements, season of feed availability and seasonality of prices. It also affects fixed costs of facilities, labor requirements, market data and ultimately total enterprise profitability. Bulletin - Colorado State University Experiment Station. (1982). (1982). (589S). 11 p. (NAL Call No.: 100 C71S (1)).

0403

Farm households and the off-farm sector: results from Mississippi and Tennessee.

Salant, P. Mississippi State : The Station. Extract: This study describes off-farm employment and income among farm households in the Sand-Clay Hills region of North Mississippi and Southwest Tennessee. Over half of all farm operators and almost two-fifths of other family members age 16 and older in the 29-county study site worked off-farm in 1980. Off-farm employment was highly associated with smaller farms, and less labor-intensive enterprises. Income from nonfarm sources contributed significantly to total household income and, in 1980, played an important role in helping many farm families to escape poverty status, as well as to remain in farming. Agricultural economics research report - Mississippi Agricultural and Forestry Experiment Station. Jan 1984. Jan 1984. (143). 38 p. Includes 14 references. (NAL Call No.: 917031(AGE)).

0404

Farm labor--government regulations and legislation (USA).

Falk, E. Wenatchee. Proceedings - Washington State Horticultural Association. 1980. 1980. (76th). p. 84, 86, 88, 90. ill. (NAL Call No.: 81 W273).

0405

Farm labor in the United States.

Emerson, R.D. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 127-148. Includes references. (NAL Call No.: DNAL S401.A45).

0406

Farm labor issues in the Midwest.

Slade, P. Washington, The Service. ESCS - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Aug 1979. Available from NTIS - order no. PB 298-914. Aug 1979. (65). p. 43-45. (NAL Call No.: aHD1751.U56).

0407

Farm labor regulations / compiled by Dennis U. Fisher.

Fisher, Dennis U. Ithaca Dept. of Agricultural Economics, New York State College of Agriculture and Life Sciences, Cornell University 1979. Cover title. iv, 59 p. - (NAL Call No.: 281.9 C81Ae No.79-9).

0408

Farm labor wage issues.

Pollack, S.L. Coltrane, R.; Jackson, W.R. Jr. Washington, D.C., The Service. Extract: Changes in regulations that would have allowed employers of H-2 temporary foreign agricultural workers to pay the Federal minimum wage instead of the higher adverse effect wage, would have lowered the estimated 1980 wage bill of H-2 employers by about 19 percent. The U.S. Department of Labor in consultation with the Department of Justice, operates the H-2 temporary foreign worker program. The non-wage costs incurred by employers of H-2 workers, primarily for housing, food, and transportation, was highest at \$1,198 per worker on Virginia tobacco farms. Extending minimum wage coverage to all farms and hired farmworkers in the United States would have increased the 1980 farm wage bill by about 3.7 percent. ERS staff report - United States Dept. of Agriculture, Economic Research Service. June 1982. Available from NTIS - order no. PB82-259-680. June 1982. (AGES820615). 19 p. Includes ref. (NAL Call No.: 916762(AGE)).

0409

Farm managers must know their cost structure (Labor, and machinery, cash grain, swine production).

Justus, F.E. Moore, C.L. Denver. Journal American Society of Farm Managers and Rural Appraisers. Apr 1979. v. 43 (1). p. 12-20. ill. (NAL Call No.: 281.8 AM32).

0410

Farm operator households receiving social security income, 1979.
 Scholl, K.K. Beltsville, Md., The Region. ARS-NE - United States Agricultural Research Service, Northeastern Region. Includes statistical data. 1984 (issued Oct) (4). p. 12. (NAL Call No.: DNAL aS21.A75U45).

0411

Farm size and economic efficiency: the case of California.
 Hall, B.F. LeVeen, E.P. Lexington, American Agricultural Economics Association. Abstract: The relationship between farm size and production costs is examined using current data. The analysis indicates that relatively modest sized farms can achieve a major portion of the possible cost savings associated with size. The sources of efficiency are examined, and it is shown that factors other than labor-saving technology may be important contributors to economic efficiency. The implications of this analysis are developed for the current debate over acreage restrictions in reclamation policy. Strict enforcement of the 160-acre limit could cause a modest overall efficiency loss, but this would be borne by landowners rather than consumers. American Journal of Agricultural Economics. Nov 1978. v. 60 (4). p. 589-600. Includes references.

0412

Farmers' experience with no-till corn production in Ontario county, New York.
 Wentzel, R. Robinson, K.L. Ithaca, N.Y. : The Station. A.E. Res. - New York State College of Agriculture and Life Sciences, Department of Agricultural Economics, Cornell University, Agricultural Experiment Station. Jan 1983. Jan 1983. (83-8). 20 p. Includes 22 references. (NAL Call No.: 281.9 C81A).

0413

Federal programs and California agriculture (Regulation, farm labor legislation, tax impact).
 Gardner, B.D. Nuckton, C.F. Berkeley : University of California Press, c1983. A Guidebook to California agriculture / by faculty and staff of the University of California ; edited by A.F. Scheuring. p. 366-378. Includes references. (NAL Call No.: S451.C2G84).

0414

Field crops costs and returns from farm cost accounts, 28 farms-1982, New York State.
 Snyder, D.P. Ithaca, N.Y. : The Station. Extract: The reports present the results of individual enterprises and the averages of the enterprise costs and returns for all farms. They show not only the averages of cost and returns but also indications of the variations and reasons for them. The factors for individual enterprises are arranged according to size of enterprise. The annual averages of the various factors are not averages of average costs but are weighted by the size of the enterprise. A.E. Res. - New York State College of Agriculture and Life Sciences, Department of Agricultural Economics, Cornell University, Agricultural Experiment Station. Dec 1983. Predominantly tables. Dec 1983. (83-43). 37 p. (NAL Call No.: 281.9 C81A).

0415

Flue-cured tobacco harvest labor.
 Hoover, Dale M. Perkins, Leon Burton, ; 1941. Raleigh Dept. of Economics and Business, North Carolina State University 1977. 184 p. : ill. ; 23 cm. - Bibliography: p. 147-149. (NAL Call No.: HD1775.N8N6 No.38).

0416

Forecasting four aggregates of Oklahoma agriculture.
 OCFEA. Knowles, G.J. Stillwater, Okla. : The Station. Extract: Forecasts of farm proprietors' income, real farm output, agricultural employment, and farm wage and salary disbursements for the State of Oklahoma are made annually in the fall prior to the forecast year. These forecasts are used in the Oklahoma State Econometric Model developed by the Office of Business and Economic Research at Oklahoma State University and published in Oklahoma Economic Outlook. Since beef cattle and wheat dominate Oklahoma agriculture, forecasts in these two sectors are determined first and then used to forecast the aggregates above. The forecasts from the cattle and wheat sectors are determined by the time series analysis and by econometric equations. The econometric model is recursive, so that ordinary least squares (OLS) estimation is used. Both of these forecasts are combined to furnish what is sometimes termed a composite forecast. Oklahoma current farm economics - Oklahoma, Agricultural Experiment Station. Includes statistical data. June 1984. v. 57 (2). p. 3-12. Includes 13 references. (NAL Call No.: DNAL 100 OK4 (5)).

(FARM ORGANIZATION AND MANAGEMENT)

0417

Foreign workers - a question of property rights.

Fisher, D.U. Ithaca, N.Y., The Station. Cornell agricultural economics staff paper - Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station. May 1979. May 1979. (79-3). 8 p. Includes ref. (NAL Call No.: HD1407.C6).

0418

Foreign workers in selected California crops (Migrant laborers from Mexico, seasonal work forces by crop).

Mines, R. CAGRA. Martin, P.L. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 6-8. ill. (NAL Call No.: 100 C12CAG).

0419

The future for the labor market: a California viewpoint (Farm workers).

Wood, R. Martinsburg, W. Va. : The Council. Proceedings ... annual convention - National Peach Council. 1983. 1983. (42nd). p. 43-48. (NAL Call No.: SB371.N3).

0420

Gains in productivity of farm labor by Reuben W. Hecht and Glen T. Barton.

Hecht, Reuben W. (Reuben William). Washington, D.C. U.S. Dept. of Agriculture 1951. 121 p. : ill. - Bibliography: p. 62-63. (NAL Call No.: Fiche S-69 no.1020).

0421

Getting started in farming: characteristics of beginning farmers in North Dakota.

Cole, G.V. Johnson, J.E. Fargo, N.D. : The Station. Extract: Starting farm operators are using family help to aid them getting started. Family assistance in the form of labor, machinery, and housing was frequently received by operators. Most farmers interviewed had entered farming through arrangements with parents by utilizing a father/son operation, then renting from a nonrelative, and purchasing land as the third step. Off-farm employment also was frequently used by starting farmers and wives to aid in generating income. North Dakota farm research - North Dakota, Agricultural Experiment Station. Sept/Oct 1982. v. 40 (2). p. 6-9. Includes 5 references. (NAL Call No.: 100 N813B).

0422

Hard red spring wheat production practices in selected states, 1978.

Lagrone, W.F. Krenz, R.D. Lincoln, The Department. Extract: As a part of the 1979 survey, hard red spring wheat and durum wheat producers were personally contacted in Idaho, Minnesota, Montana, North Dakota, and South Dakota. Visits to farmers were made to obtain information on seeding rates, labor hired, machinery use, and other practices in hard red spring and durum wheat production during the 1978 crop year. Report - University of Nebraska, Agricultural Experiment Station, Dept. of Agricultural Economics. Aug 1980. Aug 1980. (111). 34 p. Includes ref. (NAL Call No.: 281.9 N27).

0423

Hard red winter wheat production practices in selected states, 1978.

Lagrone, W.F. Krenz, R.D. Lincoln, The Department. Extract: As a part of the 1979 survey, hard red winter wheat producers were personally contacted in Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Oklahoma, South Dakota, Texas, and Washington. Visits to farmers were made to obtain information on seeding rates, labor hired, machinery use, and other practices in hard red winter wheat production during the 1978 crop year. Report - University of Nebraska, Agricultural Experiment Station, Dept. of Agricultural Economics. Aug 1980. Aug 1980. (110). 49 p. Includes ref. (NAL Call No.: 281.9 N27).

0424

Harvest management at Chick Orchards (Apple picking workers in Maine).

Chick, N. North Amherst, Mass. : The Association. New England fruit meetings ... Proceedings of the ... annual meeting - Massachusetts Fruit Growers' Association. 1984. 1984. (90th). p. 44-46. (NAL Call No.: 81 M384).

0425

Harvest preparation and technique (Fruit production, labor picking techniques).

Henri, R. Portland, Ore., The Society. Annual report - Oregon Horticultural Society. 1980. v. 71. p. 34, 36, 38, 40. (NAL Call No.: 81 OR32).

0426

Harvesting techniques (Cherries, pears, apples, migratory hand laborers).

Wells, J. Portland, Ore., The Society. Annual report - Oregon Horticultural Society. 1980. v. 71. p. 28, 30, 32, 34. (NAL Call No.: 81 OR32).

0427

He took his farm to the city.

Logsdon, G. Emmaus, Pa. : Regenerative Agriculture Association. The New farm. Sept/Oct 1985. v. 7 (6). p. 28-29, 39. (NAL Call No.: DNAL S1.N32).

0428

High performance (milking) parlors: designs, costs and labor for the 80's (Mechanization, USA).

Armstrong, D. Minneapolis, Miller Publishing. Dairy herd management. Feb 1980. v. 17 (3). p. 15-16, 18, 84, 86, 88, 90. ill. (NAL Call No.: SF191.D3).

0429

The hired farm working force of 1977.

Rowe, G. Washington, D.C., The Service. Agricultural economic report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Oct 1979. Predominantly tables. Oct 1979. (437). 53 p. Includes ref. (NAL Call No.: A281.9 AG8A).

0430

The hired farm working force of 1979.

Pollack, S.L. Washington, D.C., The Department. Extract: This report presents data on the demographic, social, and economic characteristics of persons 14 years of age and over who did hired farmwork for at least 1 day during 1979. The narrative describes the hired farm working force and focuses on the characteristics of various racial/ethnic, regional, and migratory groups of farmworkers. The report also summarizes some of the more important changes and trends over the last decade in the size, composition, and employment patterns of the hired farm working force. Additional statistical data are presented in appendix tables. Agricultural economic report - United States Dept. of Agriculture. Aug 1981. Predominantly tables. Aug 1981. (473). 59 p. (NAL Call No.: A281.9 AG8A).

0431

The hired farm working force of 1981.

Pollack, S.L. Jackson, W.R. Jr. Washington, D.C. : The Department. Extract: In 1981, approximately 2.5 million people 14 years of age and over did farmwork for cash wages and salary. The racial/ethnic composition of the work force was 73 percent white, 13 percent Hispanic, and 14 percent black and other. Fifty-five percent of the farmworkers were under 25 years old and 77 percent were male. At the time of the survey, more farmworkers resided in the South (40 percent) and North Central (28 percent) regions than in the Northeast and West. About four of five workers

had nonfarm residences. The average annual earnings in 1981 were \$4,299, of which \$2,659 came from an average of 98 days of farmwork. Migrant workers accounted for only about 5 percent of all hired farmworkers. Agricultural economic report - United States Dept. of Agriculture. Nov 1983. Available from NTIS, order no. PB84-124312 -Includes statistical data. Nov 1983. (507). 60 p. (NAL Call No.: A281.9 AG8A).

0432

Hired labor on large Ohio dairy farms.

Erven, B.L. OH. Columbus, The Service. Socio-economic information - Cooperative Extension Service, Ohio State Univ, Agricultural Economics and Rural Sociology. Aug 1980. Aug 1980. (624). p. 1-2. (NAL Call No.: 275.29 OH32TI).

0433

Hired workers on California farms (Statistics).

Martin, P.L. CAGRA. Mamer, J.W. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept/Oct 1982. v. 36 (9/10). p. 21-23. 3 ref. (NAL Call No.: 100 C12CAG).

0434

Household and farm task participation of women.

XAEAA. Scholl, K.K. Hyattsville : The Service. Extract: Farm women are involved in their family's farming operations through labor participation and make an economic contribution to both the farm unit and the family unit. Although the major responsibility of the women is caring for the home and children, her farmwork is supportive of the farm unit since she is occasionally involved in almost half the farm tasks. Results from all the studies of task participation of farm women indicate that those women need specialized instruction and information to improve the quality of farm life. Family economics review - U.S. Department of Agriculture, Agricultural Research Service. June 1982. (3). p. 3-9. Includes 13 references. (NAL Call No.: DNAL aTX326.A1U5).

0435

How four growers are implementing the piecework system (Worker incentive programs, labor costs, nursery management).

Norris, C.A. Chicago, Ill. : American Nurseryman Publishing Co. American nurseryman. Apr 1, 1984. v. 159 (7). p. 61-63. ill. (NAL Call No.: 80 AM371).

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0436

How garden centers can reduce labor costs without cutting service.

Marchant, B. Chicago, Ill., American Nurseryman Publishing Co. American nurseryman. Sept 1, 1982. v. 156 (5). p. 83-89. (NAL Call No.: 80 AM371).

0437

How to discourage union organization (Agricultural labor relations).

Mendez, A.G. Martinsburg, W. Va., The Council. Proceedings ... annual convention National Peach Council. 1981. 1981. (40th). p. 77-93. (NAL Call No.: SB371.N3).

0438

How to make employees happy and be better workers.

ANURA. Fleming, M.J. Chicago, Ill. : American Nurseryman Publishing Co. American nurseryman. Sept 1, 1984. v. 160 (5). p. 117-118, 120-125. (NAL Call No.: DNAL 80 AM371).

0439

How to pay and keep hired help (Dairy farms, labor needs).

Mahanna, W.C. Harrison, B.E. Minneapolis, Miller Publishing. Dairy herd management. May 1982. v. 19 (2). p. 46, 48, 51. ill. (NAL Call No.: SF191.D3).

0440

Illinois labor-share lease / University of Illinois.

Document available from: University of Illinois, Agricultural Publications Office, 1301 Gregory Dr., Urbana, Illinois 61801 19--?. This publication contains a lease form and directions for an Illinois labor-share farm lease. 4 p. (NAL Call No.: Document available from source.). (NAL Call No.: 34127).

0441

Immigration reform and agricultural labor.

Coltrane, R. Washington, D.C. : The Department. Extract: For the first time, H-2 immigration legislation for the temporary employment of foreign workers has been designed especially for agriculture. If passed, part of the pending Immigration Reform and Control Act will force farm employers to hire either American workers or legal foreign workers. Although information is sketchy, it appears that labor-intensive farms, particularly in vegetable- and fruit-growing States such as California and Florida, will be most affected by the law. Vegetable, melon, fruit and tree nut, and

horticultural specialty farms accounted for 6.4 percent of all U.S. farms and nearly 10 percent of the value of farms sales in 1978. Some employers, at times dependent on illegal foreign workers, may have difficulty filling seasonal jobs with American workers. Agricultural economic report - United States Dept. of Agriculture. Apr 1984. Available from NTIS, order no. PB84-197284. Apr 1984. (510). 31 p. Includes 12 references. (NAL Call No.: A281.9 AG8A).

0442

Immigration reform and California agriculture (Illegal aliens, farm labor, legislation, statistics).

Martin, P.L. CAGRA. Mines, R. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1983. v. 37 (1/2). p. 14-15. ill. (NAL Call No.: 100 C12CAG).

0443

Impact of increased energy costs on the Washington potato grower.

Shane, R.C. Whittlesey, N.K.; Blakeslee, L. Pullman : The Center. Extract: This analysis considers the impact of increases in energy and labor costs on the costs of potatoes supplied from major traditional producing regions of the United States. The input cost changes were assumed to affect costs at production, processing, and transportation levels throughout the potato industry. The purpose of this research is to assess the future potential of the potato industry in the Pacific Northwest, particularly in Washington, after significant increases in energy and labor costs throughout the potato industry. Circular - College of Agriculture Research Center, Washington State University. Apr 1979. Apr 1979. (615). 16 p. Includes 7 references. (NAL Call No.: 100 W27S).

0444

Impacts on energy development on secondary labor markets: a study of seven western counties (North Dakota).

Halstead, J.M. Leistritz, F.L. Fargo, N.D. : Dept. of Agricultural Economics, North Dakota Agricultural Experiment Station. Extract: Energy and resource development in rural areas is often accompanied by a variety of impacts on areal economic and social structures. While public services, education, fiscal impacts, and direct employment effects have been studied and documented, little research has been done regarding development impacts on private sector providers of goods and services. Origin and characteristics of these secondary business employees can have substantial bearing on the overall project impact if a large percentage immigrate to the area with their families. Agricultural economics report - Department of Agricultural Economics, North Dakota

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Agricultural Experiment Station. Dec 1983. Dec 1983. (178). 46 p. Includes 24 references. (NAL Call No.: 281.9 N814A).

0445

Importing temporary foreign workers for harvesting crops (Virginia).

Smitherman, R.J. Richmond, Va. : The Department. Bulletin - Virginia Department of Agriculture and Consumer Services. Feb 1984. Feb 1984. p. 4-6. ill. (NAL Call No.: 2 V81B).

0446

Improving relations between livestock owners and shearing crews (Management, farm labor).

Kensing, R. TX. Kuykendall, S.; Wade, D.A. College Station, Tex., The Service. Leaflet L - Texas Agricultural Extension Service. Texas A and M University. Agricultural Extension Service. Mar 1979. Mar 1979. (1712). 2 p. (NAL Call No.: 275.29 T313).

0447

Incentive plans for use on dairy farms.

Bratton, C.A. Ithaca, N.Y., The Station. Extract: A 1959 study of 38 New York farms reported that both the employees and the farmers ranked labor relations, wages, working conditions, housing and privileges, higher in importance than incentive plans as a factor in keeping workers satisfied. A 1975 labor management study showed that more profit and higher wages did go together. A recent Ohio study reported that both increases in production and profit were greater on farms with incentive plans than on similar farms without incentive plans. It appears that incentive plans are worthy of consideration on medium to large size dairy farms but one should proceed with caution. Cornell agricultural economics staff paper - Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station. Feb 1982. Feb 1982. (82-2). 7 p. 3 ref. (NAL Call No.: HD1407.C6).

0448

Income and returns to labor and capital on Virginia farms 1950-77.

Coffey, J.D. Blacksburg, Va., The Service. Virginia agricultural economics - Virginia Polytechnic Institute and State University, Cooperative Extension Service. Apr 1981. Apr 1981. (321). 4 p. (NAL Call No.: 275.29 V813).

0449

Indexes of prices paid by cattle ranchers in New Mexico, 1965 to 1980 (Costs of major items used in production, including feed, leases, labor, machinery, livestock, taxes, improvements).

Gray, J.R. Fowler, J.M. Las Cruces : The Station. Research report - New Mexico, Agricultural Experiment Station. Apr 1982. Apr 1982. (470). 8 p. ill. 14 ref. (NAL Call No.: 100 N465R).

0450

Indiana farm-level impacts of possible Environmental Protection Agency bans on selected soybean insecticides.

Cashman, C.M. Martin, M.A.; McCarl, B.A. Lexington, Ky., Southern Agricultural Economics Assoc. Extract: The primary purpose of our study was to determine the economic impacts of a possible ban by the Environmental Protection Agency on selected soybean insecticides used by some farmers in Indiana who face periodic soybean yield losses due to insect damage. A 600-acre Indiana corn-soybean farm was analyzed by means of a linear programming model. The economic impacts of possible bans on soybean insecticides were measured in terms of changes in per-acre yields, production costs, farm income, per-acre profits, machinery and labor use, and timeliness of field operations. Yield and related information on alternative soybean insecticides was derived from test plot data. Southern journal of agricultural economics. Dec 1980. v. 12 (2). p. 147-152. 8 ref. (NAL Call No.: HD101.S6).

0451

Indirect farm labor and management costs Kenneth R. Krause. -.

Krause, Kenneth R. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, 1982. vi, 65 p. - Includes bibliographies. (NAL Call No.: DNAL Fiche S-81 no.496).

0452

Influences on rural manufacturing development.

Pulver, G.C. Madison, Wis., The Service. Community economics - Univ. of Wisconsin, Dept. of Agricultural Economics, Cooperative Extension Service. Oct 1983. Oct 1983. (85). 2 p. (NAL Call No.: 917663(AGE)).

0453

Innovative approaches-improve farm labor.

CAGRA. Mamer, J.W. Glover, R.W. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1984. v. 38 (3/4). p. 7-8. (NAL Call No.: DNAL 100 C12CAG).

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0454

Inputs used in U.S. farm production: a bibliography of selected economic studies, 1950-80. Spinks, T. Dahl, D.C. Washington, D.C., The Service. Abstract: This bibliography covers economic research reports prepared during 1950-80 on the inputs used in farm production. Categories of inputs include farm supply cooperatives, feed, fertilizer, finance, labor, land, machinery and buildings, pesticides, petroleum, seed, and water. Bibliographies and literature of agriculture - United States Dept. of Agriculture, Economics and Statistics Service. Apr 1981. Apr 1981. (19). 162 p. (NAL Call No.: az5076.A1U56).

0455

International migrant workers' remittances : issues and prospects / prepared by: Gurushri Swamy.

Swamy, Gurushri. Washington, D.C. (1818 H Street, N.W., Washington 20433) World Bank 1981. Cover title ~"August 1981." 64 p. ; 28 cm. - Bibliography: p. 62-64. (NAL Call No.: HD4966.A29S9).

0456

Interregional transfer of agricultural research results: the case of the Northeast.

Havlicek, J. Jr. White, F.C. College Park, Md. : The Council. Extract: The contribution of research to agricultural production is measured by estimating a production function which includes variables to reflect conventional inputs as well as agricultural research. Conventional inputs considered are hired labor, feed and livestock, seed and fertilizer, and capital and depreciation. Investment in agricultural research and extension within the region and investment in agricultural research in other production regions of the U.S. are included in the production function. Marginal products and internal rates of return are derived for their own region and outside-of-the-region investments in agricultural research. Journal - Northeastern Agricultural Economics Council. 1983. v. 12 (2). p. 19-30. Includes 26 references. (NAL Call No.: HD1773.A2N6).

0457

Labor and property rights in California agriculture an economic analysis of the CALRA /by Rex L. Cottle, Hugh H. Macaulay, Bruce Yandle. - Cottle, Rex L. 1947. Macaulay, Hugh H. 1924-; Yandle, Bruce. College Station : Texas A&M University Press, c1982. Includes index. xvii, 116 p. : ill. ; 24 cm. - Bibliography: p. 111 -113. (NAL Call No.: DNAL HD211.C2C57 1982).

0458

Labor costs, paternalism, and loyalty in southern agriculture: a constraint on the growth of the welfare state. Alston, L.J. Ferrie, J.P. Wilmington, Del. : Economic History Association at the University of Iowa. Extract: We examine the role of southern legislators in resisting the early expansion of the welfare state in the 1930s. A desire to keep agricultural labor cheap and dependent on southern landlords motivated the resistance. Dependence promoted a loyal labor force and thereby reduced monitoring costs in the labor-intensive production of cotton. Federal and state welfare programs would have substituted for landlord paternalism and hence made labor less loyal. Evidence on the federal Old-Age and Unemployment Insurance systems and state Old-Age pension and Mothers' Aid programs are found consistent with our hypothesis. The Journal of economic history. Mar 1985. v. 45 (1). p. 95-117. Includes references. (NAL Call No.: DNAL 277.8 J822).

0459

Labor-input requirements for experimental production of summer peppers under drip irrigation (Puerto Rico).

Goyal, M.R. JAUPA. Rio Piedras : University of Puerto Rico, Agricultural Experiment Station. The Journal of agriculture of the University of Puerto Rico. Jan 1983. v. 67 (1). p. 22-27. (NAL Call No.: 8 P832U).

0460

Labor laws and Michigan agriculture: 1982.

Shapley, A.E. East Lansing, The Society. Annual report - Michigan State Horticultural Society. 1981. 1981. (111th). p. 110-117. (NAL Call No.: 81 M58).

0461

Labor laws and Michigan agriculture: 1982.

Shapley, A.E. East Lansing, Mich., The Service. Extension bulletin E - Cooperative Extension Service, Michigan State University. Jan 1982. (1597). 4 p. (NAL Call No.: 275.29 M58B).

0462

Labor laws and Michigan agriculture: 1984.

Shapley, A.E. East Lansing, Mich. : The Service. Extension bulletin E - Cooperative Extension Service, Michigan State University. Jan 1984. Jan 1984. (1597). 4 p. (NAL Call No.: 275.29 M58B).

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0463

Labor, machinery, and stress management: what are the alternatives.

Kliebenstein, J.B. Columbia, Missouri, The Department. Extract: This paper reviews problems to be aware of when making farm labor and machinery decisions. It overviews characteristics of agricultural labor, its effective use, and presents some ideas on managing hired labor. Points on machinery selection and finally, a brief discussion on stress management is presented. Paper - University of Missouri-Columbia, Dept. of Agricultural Economics. Aug 1, 1981. Aug 1, 1981. (1981-29). 31 p. (NAL Call No.: 917437(AGE)).

0464

Labor management & the bottom line (Increasing worker productivity).

Holt, J.S. Willoughby, Ohio : Meister Publishing Company. American vegetable grower and greenhouse grower. Oct 1982. v. 30 (10). p. 37-40. (NAL Call No.: 80 C733).

0465

Labor management practices on New York dairy farms.

Bratton, C.A. Kwiatkowski, J.A. Ithaca, N.Y. : The Department. A.E. Ext. - New York State College of Agriculture and Life Sciences, Cornell University, Dept. of Agricultural Economics. Feb 1983. Feb 1983. (83-6). 24 p. (NAL Call No.: 281.9 C81AE).

0466

The labor market and social accounting : a framework of data presentation / Christiaan Grootaert.

Grootaert, Christiaan. 1950. Washington, D.C. (1818 H St., N.W. Washington 20433) World Bank, Development Research Dept. 1982. "July 1982.". 36 p. : forms ; 28 cm. - Bibliography: p. 36. (NAL Call No.: HD6978.L7 no.17).

0467

Labor productivity and labor force growth.

MacDonald, J.M. Washington, D.C., The Service. National food review NFR - United States Dept. of Agriculture, Economics and Statistics Service. Spring 1981. Spring 1981. (14). p. 24-25. (NAL Call No.: aHD9001.N275).

0468

Labor regulations and decline of the Oregon strawberry economy: effects on farm size.

Padfield, H. Corvallis, Or., The Station. Special report - Oregon Agricultural Experiment Station. Oct 1981. Oct 1981. (641). 20 p. 7 ref. (NAL Call No.: 100 OR3M).

0469

Labor use in stripping and baling burley tobacco.

Hallaron, J.L. Shuffett, D.M.; Bradford, G. Lexington, The Station. Staff paper - University of Kentucky, Dept. of Agricultural Economics. June 1979. June 1979. (87). 24 p. 7 ref. (NAL Call No.: 917112(AGE)).

0470

Labor utilization and costs on Georgia dairy farms.

Carley, D.H. Athens, Ga., The Stations. Research bulletin - University of Georgia, Experiment Stations. Aug 1979. Aug 1979. (241). 23 p. 2 ref. (NAL Call No.: S51.E2).

0471

Latinos (Mexican workers in vineyards, manual labor).

Martin, G. Geyserville, Calif. : M. Howie. Wine West. Mar/Apr 1984. v. 39 (2). p. 30-32. ill. (NAL Call No.: 6 R24).

0472

Laws affecting employers of farm labor.

Matthews, Stephen F. Workman, Herman E.; Starke, Patrick B. Document available from: University of Missouri, Extension Publication, 211 Whitten Hall, Columbia, Missouri 65201 1980. This publication reviews the laws affecting employers of farm labor. 1 sheet. (NAL Call No.: Document available from source.). (NAL Call No.: Guide 701).

0473

Legal entanglements common to Alabama farmers.

Metzger, D.J. Bell, S.C. Auburn, Ala. : The Station. Extract: The primary objective of this study was to point out specific legal situations that Alabama farmers have been involved in and the economic losses suffered. The specific objectives were as follows: 1) to research specific cases, delineate the laws pertaining to each case, and point out specific economic losses suffered by these farmers, and 2) to present the findings in layman terms so that farmers may recognize potential legal problems and be aware of legal responsibilities. Bulletin - Alabama

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Agricultural Experiment Station. Nov 1982. Nov 1982. (542). 41 p. Includes 65 references. (NAL Call No.: 100 AL1S (1)).

0474

Livestock and small farmer labor supply.
Fitch, J.B. Soliman, I.A. Boulder, Colo. : Westview Press, 1983. Migration, mechanization, and agricultural labor markets in Egypt / edited by Alan Richards and Philip L. Martin. p. 45-78. Includes references. (NAL Call No.: DNAL HD1538.E3M53).

0475

A longrun look at margins and productivity in fluid milk processing.
Miller, J.J. DASIA. Washington, D.C. : The Service. Extract: Analysis of data on margins in fluid milk processing showed strong productivity gains since 1961. Gross margins substantially slower than the average of all food industries. Productivity advances during 1961-72 were accomplished largely by the substitution of capital for labor. This left the industry with excess capacity and low net margins. Since 1972, productivity of both labor and capital has been boosted by pervasive improvements that individually were not of major importance. However, the aggregate effect has been substantial declines in real gross margins, improved net margins, lower real retail prices, and expanded demand for raw milk. Dairy outlook and situation DS - United States Dept. of Agriculture, Economic Research Service. Sept 1983. Sept 1983. (394). p. 26-28. (NAL Call No.: 1.9 EC7DS).

0476

Machines, energy, and time in silage making (Labor and fuel comparisons).
Kjelgaard, W.L. New Orleans : Agricultural Research Service. Proceedings - Southern Pasture and Forage Crop Improvement Conference. Feb 1983. Symposium on Silage from Seed to Feed and Recycled Waste. Feb 1983. (38th). p. 13-17. Includes references. (NAL Call No.: 60.19 S083).

0477

Male managers cannot afford to ignore sexual harassment on the job.
ANURA. Bakos, S.C. Chicago, Ill. : American Nurseryman Publishing Co. American nurseryman. Aug 15, 1984. v. 160 (4). p. 31-32. (NAL Call No.: DNAL 80 AM371).

0478

Management and income comparisons among a sample of small farms in southern Germany, Switzerland, and southern Illinois.
Herbst, J.H. Urbana, Ill. : Illinois University. Dept. of Agricultural Economics. Extract: Ratings of twenty management factors were obtained from farmers in the three regions. Farmers in southern Germany gave significantly more favorable ratings to seven of the management factors, while the southern Illinois group gave more favorable ratings to three of them. Family farm workers' labor income from farming for 1974-75 was higher for most of the Swiss and southern German farmers than for southern Illinois farmers on these operations of less than 100 hectares. However, the southern Illinois family members working on the farm had higher earnings from nonfarm work than farm family members working on the Swiss and southern German farms. North Central journal of agricultural economics. Jan 1979. v. 1 (1). p. 31-37. 10 ref. (NAL Call No.: HD1773.A3N6).

0479

Managing farm labor.
Workman, Herman E. 1980 Document available from: University of Missouri. Extension Publication, 211 Whitten Hall, Columbia, Missouri 65201. This publication gives information for managing farm labor and how farmers can compete with nonfarm employers for higher skilled workers. 1 sheet. (NAL Call No.: Document available from source.). (NAL Call No.: Guide 700).

0480

Manpower training and the political economy of agriculture: CETA and the Texas agricultural environment.
McIntosh, W.A. Picou, J.S. Austin : University of Texas Press. Extract: This study utilizes a political economy approach to examine the consequences of the agricultural environment for a manpower training program (CETA). Training programs attempt to increase the skills of underemployed and unemployed labor and thus may compete with farms for needed resources. It is hypothesized that in areas where the demand for unskilled labor is highest, CETA will exhibit reduced rates of success. With 1978 Agricultural Census data and 1980 CETA participant training and placement rates, this general hypothesis is supported. Social science quarterly. June 1985. v. 66 (2). p. 330-345. Includes 30 references. (NAL Call No.: DNAL H1.S65).

0481

Mechanical pruning (of grapes) can trim costs, time, labor.
 Merritt, J. Watkins Glen, N.Y., Eastern Grape Grower Magazine, Inc. Eastern grape grower & winery news. Apr 1979. v. 5 (2). p. 26-29. ill. (NAL Call No.: SB387.E2).

0482

Mechanization in California agriculture the case of canning tomatoes /by Alain de Janvry, Phillip LeVeen and David Runsten. -.
 De Janvry, Alain. LeVeen, Phillip.; Runsten, David. Berkeley, Calif. : s.n. , 1980. Cover title.~ "September 1980."~ Study funded through the PROTAAL Project of the Instituto Interamericano de Ciencias Agricolas--OEA and the Ford Foundation. 220 leaves : ill., map ; 28 cm. Includes bibliographies. (NAL Call No.: DNAL HD9486.U53C2).

0483

The mechanization of agriculture: costs and benefits (Technological changes, consumers, farmers, nonfarm labor).
 Price, B.L. Reading, Mass., Addison-Wesley Pub Co. Science and ethical responsibility : proceedings of the U.S. Student Pugwash Conference, University of California, San Diego, June 19-26, 1979. 1979 (pub. 1980). 1979 (pub. 1980). p. 273-285. Includes bibliography. (NAL Call No.: Q175.4.U54).

0484

The microdynamics of farm structural change in North America: the Canadian experience and Canada-U.S.A. comparisons.
 Ehrensaft, P. LaRamee, P.; Bollman, R.D.; Buttel, F.H. Ames, Iowa : American Agricultural Economics Association. Extract: The objectives of this paper are (a) to analyze the microdynamics of structural change for important issues in the agricultural sector; (b) to present a brief comparison of Canadian and U.S. agricultural structure to open a discussion on the question: Are the Canadian conclusions applicable to the United States? and (c) to indicate the usefulness of the Statistics Canada longitudinal microdata base for understanding the process of structural change. American journal of agricultural economics. This paper was presented at the "Annual Meeting at the American Agricultural Economics Association," held Aug. 5/8, 1984, Ithaca, N.Y. Dec 1984. v. 66 (5). p. 823-828. Includes 8 references. (NAL Call No.: DNAL 280.8 J822).

0485

The microdynamics of structural change in agriculture: discussion.

Tweenet, L. Ames, Iowa : American Agricultural Economics Association. American journal of agricultural economics. This paper was presented at the "Annual Meeting at the American Agricultural Economics Association," held Aug. 5/8, 1984, Ithaca, N.Y. Dec 1984. v. 66 (5). p. 844-845. (NAL Call No.: DNAL 280.8 J822).

0486

Middle-aged farmers are most efficient (Labor, management).

Lang, S. Batavia : Agricultural Divisions of Cooperative Extension, Four Western Plain Counties, N.Y. State. Ag impact. Oct 1983. v. 10 (10). p. 14-15. (NAL Call No.: S544.3.N7A45).

0487

Migrant and seasonal farmworker housing in the United States : hearing before the Subcommittee on Housing and Community Development of the Committee on Banking, Finance, and Urban Affairs, House of Representatives, Ninety-seventh Congress, first session. United States ~ Congress ~ House ~ Committee on Banking, Finance, and Urban Affairs ~ Subcommittee on Housing and Community Development. Washington U.S. G.P.O. 1981-1982. "September 17, September 19 (Meifa, Va.), and October 9, 1981 (San Antonio, Tex.)"--Pt. 1 ~"January 6, 1982, at French Camp, Calif."--Pt. 2 ~"Morning session, self-help housing; afternoon session, farmworker housing"--Pt. 2 ~"Serial no. 97-27. ~"Ninety-seventh Congress, second session"--Pt. 2. 2 v. : ill. ; 24 cm. Includes bibliographical references. (NAL Call No.: KF27.B546 1981).

0488

Migrant and seasonal farmworkers : summary of problems / prepared by Alice Larson.

Larson, Alice. Seattle Employment Standards Administration, U.S. Dept. of Labor Springfield Va. National Technical Information Service 1979. "SHR-0003495. ~Prepared for the Federal Regional Council, Region X. 13 leaves. Bibliography: leaves 11-13. (NAL Call No.: HD1525.L37).

0489

The migrant farm work force: differences in attachment to farmwork.

RUSDA. Whitener, L.A. Lexington, Ky. : The University of Kentucky. Extract: This study investigates the extent of diversity and segmentation within the U.S. migrant farm labor force by examining differences in migrants'

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attachment to farmwork. Categories of agricultural attachment are examined to determine whether there are clearly definable groups of migrants who differ significantly in terms of earnings, economic well-being, employment characteristics, and demographic attributes. The relationship between attachment to farmwork and these variables is examined, and the results show the existence of three distinct groups of migrants with differing levels of dependence on agriculture that are differentiated by demographic and employment variables. Age, minority status, and region are important distinguishing demographic variables, and dependency on farm earnings, total earnings, and farm earnings are important employment variables. The policy implications of this segmentation within the migrant farm labor force are discussed. *Rural sociology*. Summer 1985. v. 50 (2). p. 163-180. Includes 24 references. (NAL Call No.: DNAL 281.28 R88).

0490

Migrant farm workers in western New York: changes from 1951 to 1978 (Labor).

Young, R.C. John, B.M. Ithaca, N.Y., The Station. *Search agriculture* - New York State Agricultural Experiment Station, Ithaca. Apr 1982. Apr 1982. (22). 17 p. map. Includes 7 ref. (NAL Call No.: S95.E23).

0491

Migrant workers.

Young, Mary E.; ed. Springfield, Va. NTIS 1978. iv, 69 p. - (NAL Call No.: Z7164.L1M5 1978).

0492

Minnesota farm labor regulations.

Pedersen, D.B. Dahl, D.C.; Grant, W.W. St. Paul, Minn., The Service. Minnesota agricultural economist - Agricultural Extension Service, University of Minnesota. Apr 1982. Apr 1982. (634). 6 p. (NAL Call No.: HD1775.M6M52).

0493

Nonpecuniary job preferences and welfare losses among migrant agricultural workers.

Dunn, L.F. Ames, Iowa : American Agricultural Economics Association. Extract: Effects of nonprovision of job benefits and desirable working conditions are examined empirically for a sample of Mexican-American and illegal alien migrant agricultural workers. Welfare losses are identified in that the monetary value to workers of some absent benefits is greater than the cost to farm employers of providing the benefits. Workers' preferences for nonpecuniary benefits are also examined by socioeconomic characteristics. Illegal aliens exhibit equal or greater preference for fourteen of the fifteen nonpecuniary items under consideration.

American journal of agricultural economics. May 1985. v. 67 (2). p. 257-265. Includes 11 references. (NAL Call No.: DNAL 280.8 J822).

0494

Oats production practices in selected states, 1978 (Land, farm, costs, labor, equipment).
Lagrone, W.F. NE-ESCS-NRED. Krenz, R.D. Lincoln, The Department. Report - Department of Agricultural Economics, University of Nebraska. July 1980. July 1980. (106). 33 p. Includes bibliography. (NAL Call No.: 281.9 N27).

0495

Off-farm earnings and small farms.

Washington, D.C. (1828 L Street, NW, Washington, D.C. 20036) The National Rural Center 1980. 74 p. in various pagings ; 28 cm. - . Includes bibliographies. (NAL Call No.: HD1476.U504).

0496

The Olympia picture.

PWHAA. De Long, F. Wenatchee, Wash. : The Association. *Proceedings - Washington State Horticultural Association*. 1984. (80th). p. 167-170. (NAL Call No.: DNAL 81 W273).

0497

Opportunities for increasing production efficiency in intensive crop-sheep production systems (Income, labor costs, and returns by enterprise, Kentucky).

Glimp, H.A. Boulder, Colo. : Westview Press. *Sheep and goat handbook*. 1984. v. 4. p. 341-347. (NAL Call No.: SF371.S43).

0498

Orchard labor--"food for thought"--a look into the ever-pressing problems facing growers with employment and the economy.

Wiegman, E. Wenatchee. *Proceedings - Washington State Horticultural Association*. 1980. 1980. (76th). p. 159-162. (NAL Call No.: 81 W273).

0499

Outlook for farm production expenditures.

Henderson, D.R. Columbus : The Department. ESO - Ohio State University, Dept. of Agricultural Economics and Rural Sociology. Aug 17-18, 1983. Aug 17-18, 1983. (1032). 17 p. Includes 3 references. (NAL Call No.: HD1411.03).

0500

Output, input, and productivity measurement in U.S. agriculture, 1948-79.
 Ball, V.E. Ames, Iowa : American Agricultural Economics Association. Extract: Tornqvist-Theil indexes of outputs and inputs are constructed. These data are used to construct indexes of productivity growth over the postwar period. The productivity indexes can be derived from a flexible multioutput-multifactor representation of the structure of production constrained to constant returns to scale. Total factor productivity grew at an average annual rate of 1.75%, compared with 1.70% per year estimated by the U.S. Department of Agriculture. The similar estimates of productivity growth overshadow some important differences in measurement of individual inputs. American journal of agricultural economics. Aug 1985. v. 67 (3). p. 475-486. Includes 28 references. (NAL Call No.: DNAL 280.8 J822).

0501

Overhead costs and labor on Louisiana farms.
 Huffman, D.C. McManus, B.E. Baton Rouge, La., Agricultural Experiment Station. Extract: The objectives of this report were to: (1) identify specific overhead jobs in terms of labor requirements, (2) identify specific overhead expenditure items and quantify, and (3) relate overhead labor requirements and overhead expenditures to specific production requirements by type of farm firm. D.A.E. research report - Department of Agricultural Economics and Agribusiness, Louisiana State University. June 1982. June 1982. (599). 64 p. Includes ref. (NAL Call No.: 100 L935).

0502

Overhead costs from farm cost accounts: 27 farms-1979.

Snyder, D.P. Ithaca, N.Y., The Station. Extract: The New York Farm Cost Account Project is a research project which is a part of the Cornell Agricultural Management Information System (CAMIS). Since 1914 data have been published from detailed enterprise records kept by New York farmers in cooperation with the Department of Agricultural Economics at Cornell University. The reports present the results of individual enterprises and the averages of the enterprise costs and returns for all farms. A.E. Res. - Dept. of Agricultural Economics, Cornell University Agricultural Experiment Station. Oct 1980. Predominantly tables. Oct 1980. (80-23). 51 p. (NAL Call No.: 281.9 C81A).

0503

Overhead costs from farm cost accounts, 28 farms-1982, New York State.
 Snyder, D.P. Ithaca, N.Y. : The Station. Extract: The reports present the results of individual enterprises and the averages of the enterprise costs and returns for all farms. They show not only the averages of cost and returns but also indications of the variations and reasons for them. The factors for individual enterprises are arranged according to size of enterprise. The annual averages of the various factors are not averages of average costs but are weighted by the size of the enterprise. A.E. Res. - New York State College of Agriculture and Life Sciences, Department of Agricultural Economics, Cornell University, Agricultural Experiment Station. Dec 1983. Predominantly tables. Dec 1983. (83-41). 41 p. (NAL Call No.: 281.9 C81A).

0504

Perquisites and wages of hired farm laborers by Josiah C. Folsom.
 Folsom, Josiah C. (Josiah Chase). Washington, D.C. U.S. Dept. of Agriculture 1931. 58 p. : ill., maps -. (NAL Call No.: Fiche S-69 no.213).

0505

Personnel-ly speaking (Labor employment and management on dairy farms in Oregon).
 Gamroth, M. Minneapolis, Miller Publishing Co. Dairy herd management. Oct 1979. v. 16 (11). p. 18, 20, 22, 24, 26, 28. ill. (NAL Call No.: SF191.D3).

0506

Population, labor, and employment statistics for the GROW Region, 1980.
 Gerard, J.D. Columbus : The Department. ESO - Ohio State University, Dept. of Agricultural Economics and Rural Sociology. Mar 1980. Predominantly tables. Mar 1980. (711). 23 p. Includes references. (NAL Call No.: HD1411.03).

0507

Prices paid by New Mexico farmers and ranchers, 1945-1980 (for selected farm and ranch inputs, includes cost of feeds, labor, equipment, buildings, supplies, fuels).
 Snodgrass, M.M. Las Cruces : The Station. Bulletin - New Mexico Agricultural Experiment Station. Apr 1982. Apr 1982. (691). 65 p. 3 ref. (NAL Call No.: 100 N465 (1)).

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0508

A profile of part-time farming.

Sussman, J.C. Raup, P.M. St. Paul, Minn. : The Service. Extract: This report examines differences in enterprise mix; land, labor and capital use; and nonfarm income between part-time farmers and full-time farmers in Minnesota, Iowa, Kansas, Michigan and Wisconsin. For the most part, part-time farms differ markedly from their full-time farming neighbors. Minnesota agricultural economist - Agricultural Extension Service, University of Minnesota. Dct 1982. Oct 1982. (638). 7 p. (NAL Call No.: HD1775.M6M52).

0509

The profit approach to managing hired labor.
Washington, The Service. Farmlife - U.S. Dept. of Agriculture, Economic Research Service. Dct 1981. v. 2 (9). p. 7-8. (NAL Call No.: aHD1401.A2U52).

0510

The profit approach to managing hired labor (Farmworkers, personnel management).
Lafayette : Indiana Horticultural Society. Hoosier horticulture newsletter - Purdue University, Cooperative Extension Service. Aug 1982. v. 31 (3). p. 4-5. (NAL Call No.: 80 H76).

0511

Projected cost & returns - rice & soybeans, Southwest Louisiana, 1982.

Musick, J. Baton Rouge, La., The Station. Extract: Returns shown in these budgets are returns to land, management, risk and overhead for owner-operator situations and returns to management, risk and overhead for tenant-operator situations. As used here, overhead refers to the cost of those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assignable to a specific enterprise. Overhead and labor costs associated with pick up truck operations and farm machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Predominantly tables. Jan 1982. (587). 40 p. Includes ref. (NAL Call No.: 100 L935).

0512

Projected cost & returns, cotton - soybeans - corn - rice, Northeast Louisiana, 1982.
Paxton, K. Musick, J. Baton Rouge, La., The Station. Extract: Returns shown in these budgets are returns to land, management, risk and overhead for owner-operators and returns to

management, risk and overhead for tenant operators. As used here, overhead refers to those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with pick up truck use and farm shop machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Predominantly tables. Jan 1982. (588). 82 p. Includes ref. (NAL Call No.: 100 L935).

0513

Projected cost & returns for beef cattle, dairy production, & forage crops in Louisiana 1982.
Huffman, D. Boucher, R. Baton Rouge, La., The Station. Extract: This report has been prepared to provide estimates of production practices, costs and returns for 1982. Returns shown in these budgets are returns to land, management, risk and overhead for owner-operators. As used here, overhead refers to those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with pickup truck use and farm shop machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Predominantly tables. Jan 1982. (586). 51 p. 3 ref. (NAL Call No.: 100 L935).

0514

Projected costs and returns - cotton, soybeans and corn, Red River and central areas, Louisiana, 1981.
Paxton, K.W. Lavergne, D.R. Baton Rouge, La., The Station. Extract: This report has been prepared to provide estimates of production practices, costs and returns for 1981. Returns shown in these budgets are returns to land, management, risk and overhead for both owner-tenant-operators. As used here, overhead refers to those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with pick up truck use and farm shop machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Department of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1981. Predominantly tables. Jan 1981. (574). 46 p. (NAL Call No.: 100 L935).

0515

Projected costs and returns - rice and soybeans, southwest Louisiana, 1981.
 Musick, J.A. Zacharias, T. Baton Rouge, La., The Station. Extract: The purpose of this report is to provide estimates of production practices and to project costs and returns for rice and soybean enterprises in Southwest Louisiana for 1981. Returns shown in these budgets are returns to land, management, risk and overhead for owner-operator situations and returns to management, risk and overhead for tenant-operator situations. As used here, overhead refers to the cost of those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assignable to a specific enterprise. Overhead and labor costs associated with pick up truck operations and farm machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Department of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1981. Predominantly tables. Jan 1981. (573). 37 p. Includes ref. (NAL Call No.: 100 L935).

0516

Projected costs and returns, cotton - soybeans - corn, Red River & Central areas, Louisiana, 1982.
 Paxton, K.W. Lavergne, D.R. Baton Rouge, La., The Station. Extract: Returns shown in these budgets are returns to land, management, risk and overhead for both owner-tenant-operators. As used here, overhead refers to those items (farm buildings, taxes, phone bills, etc.) necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with pick up truck use and farm shop machinery maintenance have been included in the enterprise budgets. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. Jan 1982. Jan 1982. (589). 53 p. Includes ref. (NAL Call No.: 100 L935).

0517

Projected costs and returns for beef cattle, dairy production, swine production and forage crops in Louisiana.
 LAXDA. Boucher, R.W. Huffman, D.C. Baton Rouge, La. : The Station. Extract: This report has been prepared to provide estimates of production practices, costs and returns for 1984. Returns shown in these budgets are returns to land and risk for owner-operators. As used here, overhead refers to those items necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with operation of the farm business have been included in the enterprise budgets. D.A.E. research report - Department of Agricultural Economics and Agribusiness, Louisiana State University, Louisiana Agricultural Experiment

Station. Predominantly tables. ~ Includes statistical data. Jan 1984. (627). 70 p. Includes references. (NAL Call No.: DNAL 100 L935).

0518

Recruiting and placing Puerto Rican workers with growers during the 1978 apple harvest were unsuccessful : report to the Honorable Robert C. Byrd, United States Senate / by the Comptroller General of the United States.
 (Washington, D.C.) General Accounting Office 1980. Cover title ~"HRD-80-45. ~"B-163922.". ii, 41 p. ; 27 cm. (NAL Call No.: HD1525.W4R4).

0519

Relationship between size of farm and utilization of machinery, equipment and labor on Nebraska corn-livestock farms by Orlin J. Scoville.
 Scoville, Orlin J. (Orlin James), 1911. Washington, D.C. U.S. Dept. of Agriculture 1951. 71 p. : ill. - Bibliography: p. 52-55. (NAL Call No.: Fiche S-69 no. 1037).

0520

Report of 1979 farm record summaries (Dairy farms, income, labor, Wisconsin).
 Brannstrom, A.J. Madison, Wis., The Programs. Publication - Cooperative Extension Programs, University of Wisconsin Extension. July 1980. July 1980. (A2891). 13 p. ill., maps. (NAL Call No.: S544.3.W6W53).

0521

Response to incentive pay among vineyard workers.
 CAGRA. Billikopf, G.E. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. July/Aug 1985. v. 39 (7/8). p. 13-14. ill. (NAL Call No.: DNAL 100 C12CAG).

0522

Review of child labor provisions.
 Raleigh, N.C. : North Carolina Farm Bureau Federation. North Carolina farm bureau news. Nov 1984. v. 55 (10). p. 12-13. (NAL Call No.: DNAL 275.293 N812).

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0523

Risk and return in field crops as compared to processing vegetables on the Delmarva Peninsula.

Zuckerkandel, K. Elterich, G.J. College Park, Md. : The Council. Extract: The objective of this study is to test two hypotheses: (1) Do vegetables for processing present greater income risk when included in profit maximizing farm organizations? (2) Do vegetables exhaust the supply of year-round and seasonal labor available to growers?. Journal - Northeastern Agricultural Economics Council. 1983. v. 12 (2). p. 83-90. Includes 16 references. (NAL Call No.: HD1773.A2N6).

0524

Saving man labor in sugar-beet fields L.A.

Moorhouse and T.H. Summers . -.
Moorhouse, L. A. Washington, D.C. : U.S. Dept. of Agriculture, 1928. 14 p. : ill. - (NAL Call No.: DNAL Fiche S-70 no.1042 1928).

0525

Seasonal agricultural labor markets in the United States : final report / edited by Robert D. Emerson.

Emerson, Robert D. (Gainesville) Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida Springfield, Va. Available from NTIS 1981. Prepared under grant no. 21-12-79-12 from Employment and Training Administration, U.S. Dept. of Labor. xxxii, 681 p. : ill. ; 28 cm. Bibliography: p. 655-672. (NAL Call No.: HD1525.S4).

0526

Secondary workers and the acquisition of negative human capital.

Stevens, J.B. College Station, Tex., Western Agricultural Economics Association. Extract: Frequent job-changing by secondary workers in a rural labor force is found to be consistent with the human capital logic, even though negative human capital attributes are knowingly acquired in the process. The present value of future income streams from a "job-changing" strategy exceeds that from a "staying" strategy if the planning horizon for wood products work is four years or less, which is not an unrealistic length for this particular labor force. Western journal of agricultural economics. Dec 1980. v. 5 (2). p. 73-87. 20 ref. (NAL Call No.: HD1750.W4).

0527

Selecting good workers requires forethought.
ANURA. Billikopf, G.E. Chicago, Ill. : American Nurseryman Publishing Co. American nurseryman. Aug 15, 1984. v. 160 (4). p. 80-83. (NAL Call No.: DNAL 80 AM371).

0528

The sexual division of farm household labor: an exploratory study of the structure of on-farm and off-farm labor allocation among farm men and women (New York).

Buttel, F.H. Gillespie, G.W. Jr. College Station, TX : Rural Sociological Society. Rural sociology. Summer 1984. v. 49 (2). p. 183-209. Includes references. (NAL Call No.: 281.28 R88).

0529

Socio-economic characteristics and income opportunities of small farms in selected areas of Louisiana.

Huffman, D.C. Donald, S.L. Baton Rouge, La., The Station. Extract: The general objective of the study was to determine the combination of farm enterprises and off-farm employment that would maximize family income. Crop and production enterprises, hiring of services, and off-farm employment activities were included in the linear programming model. Restrictions included land, labor, farm enterprises, and off-farm employment opportunities. Results suggest that operators of small farms can improve family incomes by changing enterprise mix. Moreover, socio-economic, physical, and attitudinal characteristics of farm operators and their families should be considered in any program designed to improve income levels for operators of small farms. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. June 1981. June 1981. (580). 137 p. Includes ref. (NAL Call No.: 100 L935).

0530

Soft red winter wheat production practices in selected states, 1978.

Lagrone, W.F. Krenz, R.D. Lincoln, The Department. Extract: In the 1979 survey, soft red winter wheat producers were personally contacted in Arkansas, Illinois, Indiana, Kentucky, Michigan, Missouri, Ohio, Pennsylvania, and Tennessee. Farmers in these states were surveyed to obtain information on seeding, labor hired, machinery use, and other practices in soft red winter wheat production for the 1978 crop year. Report - University of Nebraska, Agricultural Experiment Station, Dept. of Agricultural Economics. Aug 1980. Aug 1980. (112). 28 p. Includes ref. (NAL Call No.: 281.9 N27).

0531

Specific applications and refinements of enterprise budgets.

Johnson, R.G. Lincoln, Neb. : The Station. Extract: The objective of this study was to determine current production costs and how these costs differ by size of enterprise and production practices, especially the amount of migrant labor used for thinning and weeding. Report - Department of Agricultural Economics, University of Nebraska, Agricultural Experiment Station. June 1980. June 1980. (104). p. 151-159. Includes 18 references. (NAL Call No.: 281.9 N27).

0532

State and federal laws that apply to farm labor (Pennsylvania).

University Park, Pa. : The Service. Special circular - Pennsylvania State University, Cooperative Extension Service. Nov 1983. Nov 1983. (295). 8 p. (NAL Call No.: 275.29 P382SP).

0533

Status of family and hired labor use in stripping burley tobacco leaf in Kentucky.

Hallaron, J.L. Shuffett, D.M.; Bradford, G.; Rudd, R.W. Lexington, The Station. Staff paper - University of Kentucky, Dept. of Agricultural Economics. Jan 1979. Jan 1979. (80). 31 p. 4 ref. (NAL Call No.: 917.112(AGE)).

0534

Status of harvest mechanization of vegetable crops in the United States.

Johnson, S.S. Zahara, M. Washington, The Service. The vegetable situation TVS - U.S. Dept. of Agriculture, Economics Statistics, and Cooperatives Service. Feb 1980. Feb 1980. (215). p. 29-33. 20 ref. (NAL Call No.: 1.9 EC752F TVS).

0535

Strawberry labor systems and family enterprise farming in Oregon.

Padfield, H. Smith, W.; Thaler, H. Portland : The Society. Annual report - Oregon Horticultural Society. 1983. v. 74. p. 183-204. Includes references. (NAL Call No.: 81 DR32).

0536

The structure of production and the derived demand for inputs in Canadian agriculture.

Lopez, R.E. Lexington, Ky., American Agricultural Economics Association. Extract: The evidence suggests that an aggregate cost function and, hence, an aggregate production

function for Canadian agriculture exists. Furthermore, growth in Canadian agriculture has been primarily associated with economies of scale rather than with factor-augmenting technical change. A nonhomothetic dual cost function is used to derive explicitly the system of four input demand equations (labor, capital, land and structures, and intermediate inputs) using time-series data for the period 1946-77. Estimates of the own-price elasticities and of the Hicks-Allen elasticities of substitution among the input pairs are also provided. American journal of agricultural economics. Feb 1980. v. 62 (1). p. 38-45. 20 ref. (NAL Call No.: 280.8 J822).

0537

A study of the costs of production and utilization of labor in the production of soybeans, Peru Soybean Project, 1978.

Harms, A.G. Urbana, Ill., The Department. Illinois agricultural economics staff paper, series E agricultural economics - Dept. of Agricultural Economics, University of Illinois. Mar 1980. Mar 1980. (E-112). 14 p. (NAL Call No.: 916937(AGE)).

0538

Sugarbeet production costs in the Red River Valley and Southern Minnesota-1982.

Swenson, A.L. Johnson, R.G. Fargo, N.D. : Dept. of Agricultural Economics, North Dakota Agricultural Experiment Station. Extract: The report summarizes the production practices, costs and returns for sugarbeet production in 1982 based on a survey of 219 Red River Valley and southern Minnesota sugarbeet producers. Production costs and revenues are compared among factory areas, high and low net return producers, and those using different amounts of hand labor for thinning and weeding. Costs of operating specialized beet machinery and trucking are also presented. Yield differences accounted for more variation in net return per acre than did cost differences. Agricultural economics miscellaneous report. Oct 1983. Oct 1983. (68). 17 p. (NAL Call No.: HD107.N68).

0539

Sugarbeet production costs in the Red River Valley (North Dakota).

Hvinden, S.C. Johnson, R.G. Fargo, N.D. : Dept. of Agricultural Economics, North Dakota Agricultural Experiment Station. Extract: This report summarizes sugarbeet cost data obtained from 212 personal interviews with Red River Valley sugarbeet growers. The total cost per acre of producing sugarbeets averaged \$350 in 1977. Only about one-fourth of the sugarbeets were grown on summer fallow. The study results indicate there is potential for increasing net returns by substituting technology for hand labor in thinning and weeding sugarbeets. Larger sugarbeet enterprises were able to spread the annual cost of machinery ownership

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over more acres and, thus, realize lower total costs. Agricultural economics miscellaneous report. Oct 1978. Oct 1978. (39). 9 p. Includes 5 references. (NAL Call No.: HD107.N68).

0540

Sugarbeets - production and processing costs.
Krenz, R.D. Shapouri, H.; Angelo, L. Stillwater : The Service. Extract: This report summarizes estimates of on-farm production and processing costs of sugarbeets. Processing costs were completed using standard accounting procedures. A. E. - Oklahoma State University, Dept. of Agricultural Economics. May 1982. May 1982. (8249). 88 p. (NAL Call No.: HD1775.0503).

0541

Survey of American farm women.
XAEAA. Hyattsville : The Service. Family economics review - U.S. Department of Agriculture, Agricultural Research Service. June 1982. (3). p. 9-10. (NAL Call No.: DNAL aTX326.A1U5).

0542

Technical and economic feasibility of rabbiteye blueberry production east Texas.
Powell, G.R. Chambers, R.S.; Litzenberg, K.K.; Handwerker, T. College Station, Tex. : The Station. Extract: Successful rabbiteye blueberry production in Texas depends on the soil, site and temperature. The grower must know, in addition to these requirements, the characteristics of the local labor supply and of a pick-your-own direct market consumer before choosing an orchard location. Modification presents an economic evaluation including the establishment, development, production and marketing costs of raising blueberries in Texas. The financial analysis considers the recapture of establishment and development costs, capital expenditures, breakeven quantity and potential net returns for a pick-your-own and a fresh market operation. Bulletin B - Texas Agricultural Experiment Station. Jan 1983. Jan 1983. (1444). 10 p. (NAL Call No.: 100 T31S (1)).

0543

Tenure choice in Southern (USA) agriculture, 1930-1960 (Labor contracts).
Alston, L.J. New York, Academic Press. Explorations in economic history. July 1981. v. 18 (3). p. 211-232. 41 ref. (NAL Call No.: HC10.E85).

0544

A theory of two-tier labor markets in agrarian economies.

AENRA. Eswaran, M. Kotwal, A. Menasha, Wis. : American Economic Association. Extract: Economic analysis of agricultural tenancy has yielded rich insights into the institutional mechanisms that evolve as rational responses to the state of market development and production technology. In many respects, the study of tenancy has been a forerunner of the modern literature that is attempting to create a theory of organization based on the analysis of incentive mechanisms underlying the contractual structure. It may be quite fruitful, therefore, to study premodern institutions, especially if they have recurred in diverse environments or at different time periods, and have proved to be historically tenacious. The more anomalous they seem, at first glance, the more rewarding may their analysis prove to us. American economic review. Includes statistical data. Mar 1985. v. 75 (1). p. 162-177. Includes 24 references. (NAL Call No.: DNAL 280.8 AM32).

0545

Tobacco outlook: trends in production cost and quota rent (Labor, equipment, chemicals, fuel, storage, USA).

Loyd, M.I. Washington, D.C., U.S. Government Printing Office. Proceedings - Agricultural Outlook Conference, Washington, D.C. 1979. 1979. (1980). p. 327-330. (NAL Call No.: 1.90 C20U8).

0546

Trends in flue-cured tobacco farming.
Grise, V.N. Washington, D.C., The Department. Abstract: Mechanical harvesting, bulk barn curing, and acres of flue-cured tobacco produced per farm increased substantially during 1972-79, while labor used to harvest tobacco dropped by 35 percent, from 72 million to 47 million hours. Only 16 percent of the tobacco producers owned all the quota they produced in 1979; 63 percent rented some land with quota and 43 percent leased some quota. This study identifies trends in flue-cured tobacco farming in four Southeastern States. The amount of labor used to harvest flue-cured tobacco in the next few years will likely drop as mechanical harvesting and acres per farm increase. Agricultural economic report - United States Dept. of Agriculture. June 1981. June 1981. (470). 26 p. 6 ref. (NAL Call No.: A281.9 AG8A).

0547

The U.S. beef cow-calf industry.
Gilliam, H.C. Jr. Washington, D.C. : The Department. Extract: The number of beef cows in each of the four major U.S. cow-calf production regions declined by about one-fifth between 1975 and 1980 in response to sharp reductions

in feeder cattle prices and increases in production costs during the midseventies. Several physical measures of performance indicate that most resources were used more efficiently in beef cow-calf production in 1980 than in 1975. This report identifies the structural characteristics and operating practices for beef cow-calf production operations in the United States. Agricultural economic report - United States Dept. of Agriculture. Includes statistical data. Sept 1984. (515). 60 p. Includes 15 references. (NAL Call No.: DNAL AGE A281.9 AG8A).

0548

University involvement in social impact analysis of changing agricultural technologies: tobacco harvest mechanization in the southeast.
Perkinson, L.B. Hoover, D.M. Boulder, Colo. : Westview Press, c1984. The Social consequences and challenges of new agricultural technologies / edited by Gigi M. Berardi and Charles C. Geisler. Integrated reference list, p. 337-376. p. 163-180. (NAL Call No.: DNAL S441.S68).

0549

Unpaid family workers (Includes in agriculture, United States).
Beltsville : The Service. Family economics review - U.S. Department of Agriculture, Agricultural Research Service. Oct 1983. Includes statistical data. Oct 1983. (4). p. 21-22. Includes references. (NAL Call No.: aTX326.A1U5).

0550

Use of labor in Pacific Northwest agricultural production.
West, D.A. CWSRD. Heydon, R.N. Pullman : The Center. Circular - College of Agriculture Research Center, Washington State University. 1980. 1980. (627). 17 p. 9 ref. (NAL Call No.: 100 W27S).

0551

Utah's farmers/ranchers and their hired hands.
UTSCB. Long, G.A. Dunham, K.; Banks, S. Logan : The Station. Utah Science - Utah Agricultural Experiment Station. Winter 1983. v. 44 (4). p. 112-113. ill. Includes references. (NAL Call No.: DNAL 100 UT1F).

0552

Violence in the fields : California Filipino farm labor unionization during the Great Depression / Howard De Witt.
DeWitt, Howard A. Saratoga, Calif. Century Twenty One Pub. c1980. Includes index. xii, 139 p. ; 28 cm. (NAL Call No.: HD1527.C2D48).

0553

What price for management and labor charges.
Van Arsdall, R.N. Washington, The Service. ESCS - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. June 1979. Available from NTIS - order no. PB 296-649. June 1979. (56). p. 38-50. Includes ref. (NAL Call No.: aHD1751.U56).

0554

What's a fair price for custom work? (Dairying, labor, costs).
Snyder, D.P. Fort Atkinson, Wis., W. D. Hoard & Sons. Hoard's dairyman. Mar 10, 1980. v. 125 (5). p. 352-353. (NAL Call No.: 44.8 H65).

0555

What's new in farm labor management.
Kohl, D.M. McGilliard, M.L. Blacksburg, Va., The Service. VAE, Virginia agricultural economics - Virginia Polytechnic Institute and State University, Cooperative Extension Service. Oct 1979. Oct 1979. (307). p. 1-3. (NAL Call No.: 275.29 V813).

0556

Where credit is due (Income tax and social security regulations regarding farm labor expenses).
Wells, R. Sutter, S. Minneapolis, Miller Publishing Co. Dairy herd management. Jan 1980. v. 17 (1). p. 32, 34, 94, 96. ill. (NAL Call No.: SF191.D3).

0557

White wheat production practices in selected states, 1978.
Lagrone, W.F. Krenz, R.D. Lincoln, The Department. Extract: In the 1979 survey, white wheat producers were personally contacted in Idaho, Oregon, and Washington. Farmers in these states were surveyed to obtain information on seeding rates, labor hired, machinery use, and other practices in white wheat production for the 1978 crop year. Report - University of Nebraska, Agricultural Experiment Station, Dept. of Agricultural Economics. Aug 1980. Aug 1980. (113). 35 p. Includes ref. (NAL Call No.: 281.9 N27).

0558

Who gets the jobs: implications for local and state development strategies.
Gillis, W. Shaffer, R. Madison, Wis. : The Department. Extract: The contention of this paper is that a community can structure its economic development efforts to create jobs for specific groups of people. An effective

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economic development strategy must lead to two results. First, the community must generate new jobs or maintain existing jobs. This means the community must have access to adequate markets, transportation facilities, supporting businesses, etc. Second, the strategy needs to encourage the creation of jobs for the individuals with whom the community is most concerned. Economic issues - Department of Agricultural Economics, College of Agricultural and Life Sciences, University of Wisconsin. Mar 1984. Mar 1984. (85). 4 p. (NAL Call No.: HD1775.W6E25).

0559

Why workers leave dairies Changing jobs .
CAGRA. Billikopf, G.E. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept 1984. v. 38 (9). p. 26-28. ill. (NAL Call No.: DNAL 100 C12CAG).

0560

The woman's role in agriculture.
Evans, M.R. Washington : The Service. Farmline - United States Dept. of Agriculture, Economic Research Service. Dec 1982. v. 3 (11). p. 10-11. (NAL Call No.: aHD1401.A2U52).

0561

Women in the agricultural labor market.
Wood, J.B. Dupre, D.H.; Thompson, O.E. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Sept/Oct 1981. v. 35 (9/10). p. 16-18. ill. (NAL Call No.: 100 C12CAG).

0562

Women's contribution to the survival of the family farm.
Downie, M. Gainesville, Fla. : The Program, 1983. Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. p. v. 1 p. 296-316. Includes 68 references. (NAL Call No.: DNAL S401.A45).

0563

Work group summary report (cost of production estimates).
Washington, The Service. ESCS - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. June 1979. Available from NTIS - order no. PB 296-649. June 1979. (56). p. 68-73. (NAL Call No.: aHD1751.U56).

0564

Worker's compensation insurance.
Matthews, Stephen F. Document available from: University of Missouri, Extension Publication, 211 Whitten Hall, Columbia, Missouri 65201 1979. This publication explains the voluntary coverage of farm labor under worker's compensation insurance. Purpose of the insurance coverage and alternatives are discussed. 1 sheet. (NAL Call No.: Document available from source.).(NAL Call No.: Guide 460).

0565

Your responsibilities as a farm employer (Wages, labor legislation, taxation).
Pugh, C.R. Atlanta, Ga., Publications South. Pecan south. Apr 1979. v. 6 (3). p. 18-20, 22, 26, 28. (NAL Call No.: SB401.P4P4).

0566

1981 estimated costs and returns for a 70 ewe flock.
Carkner, R.W. McReynolds, W.; Kraten, S. Pullman, Wash., The Service. Extract: A budget for a 70 ewe flock is presented in table form supported with a narrative explanation of assumptions and budget concepts. Eight tables are used to present the information, the last of which displays returns to land, labor and capital under various combinations of lamb prices and percent lamb crop weaned. Extension bulletin - Washington State University, Cooperative Extension Service. Apr 1981. Apr 1981. (0843). 10 p. (NAL Call No.: 275.29 W27P).

INTERNATIONAL DEVELOPMENT AID,AIMS,POLICIES,PROGRAMS

0567

Human resource intensive strategies in developing economies.

Adelman, I. Levy, A. Berkeley : The Station. Extract: Empirical evidence concerning the relationship between education-intensive development strategies and income distribution is used to formulate a growth model in which the variance of the dispersion rate of income is linked to the human and physical capital intensity of production. It is shown that, under plausible assumptions, the growth trajectory does not have a unique steady state. Of the possible steady states, for any two steady states characterized by equal per capita output and by different combinations of physical capital-labor ratio and average human capital, the income distribution associated with the steady state with the higher level of average human capital is Lorenz superior. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Apr 1983. Apr 1983. (258). 21 p. Includes 12 references. (NAL Call No.: 916970(AGE)).

0568

The mobilization of women's labor for cash crop production: a game theoretic approach.

Jones, C. Ames, Iowa : American Agricultural Economics Association. American journal of agricultural economics. Dec 1983. v. 65 (5). p. 1049-1054. Includes 7 references. (NAL Call No.: 280.8 J822).

0569

North American food and agricultural policy with respect to agricultural inputs: conflict and cooperation.

Menzie, E.L. Lexington, Ky., American Agricultural Economics Association. Extract: This article focuses primarily on the Canadian-U.S. relationship involving policy on agricultural inputs. The discussion centers on policies relative to land, labor, energy, technology, institutions, and miscellaneous production inputs such as machinery and chemicals. American journal of agricultural economics. Dec 1978. v. 60 (5). p. 793-796. 3 ref. (NAL Call No.: 280.8 J822).

0570

Rural oriented research and development projects : a review and synthesis.

Leonardson, Gene S. Nelson, David Morris,; 1949. (Washington) U.S. Dept. of Labor, Employment and Training Administration : for sale by the Supt. of Docs., U.S. Govt. Print. Off. 1977. Prepared for the Office of Research and Development, Employment and Training Administration, U.S. Dept. of Labor by Gene S. Leonardson and David M. Nelson. ix, 134 p. ; 28 cm. - Bibliography: p. 127-133. (NAL Call No.: HD5724.L42).

0571

Women's employment issues: discussion.

Gladwin, C.H. Staudt, K. Ames, Iowa : American Agricultural Economics Association. American journal of agricultural economics. Dec 1983. v. 65 (5). p. 1055-1057. Includes 11 references. (NAL Call No.: 280.8 J822).

U.S. FOOD AND NUTRITION PROGRAMS

0572

Meeting the special needs of migrants.

Johnson, Frank. FNS. Washington, USDA, Food and Nutrition Service. Abstract: Under a nationwide program of the U.S. Department of Agriculture, expectant and nursing mothers and children up to age 5 may take part in the Special Supplemental Food Program for Women, Infants and Children (WIC). This year the Food and Nutrition Service is conducting a project to help migrant farmworkers utilize the WIC program. A certification card, valid for 6 months, provides continuous service for migrants and data for developing a model for providing nutrition education to migrants. Specific materials and services are described. Information and assistance provided can prevent diseases caused by malnutrition and improve health and dietary patterns. Food Nutr. Dec 1978. v. 8 (4). p. 11-13. (NAL Call No.: aHV696.F6F6 245 00 Food & nutrition).

0573

Migrant farmworkers: Nutrition for a mobile population.

Cambridge, Mass., Ballinger Pub. Co., 1979. Abstract: An analysis of 1975 health programs and services for migrant and seasonal workers in Colorado focuses on the 4 major service providers: the State Dept. of Health, the University of Colorado's Student Health Program for Migrants and Rural Poor, the Eastside Health Center, and the Colorado Migrant Council. Presented as a case history, the information covers the development of the various programs, the characteristics of the target population, the objectives and limitations of the services, and particularly, the existence of nutrition components within the health programs. The interactions of the councils and agencies are described, with emphasis on the cooperation of state and local efforts to provide the best services possible with limited resources, and with a minimum of duplication. Educational support is offered to migrants through ESEA Title I and through Day Care and Head Start programs. Nutrition counseling is provided, but has been of secondary importance to the provision of primary health care. Nutrition intervention in the United States : cases and concepts / J. Austin (and) C. Hitt. p. 213-250. maps, charts. (NAL Call No.: HV696.F6A9 F&N B-2599).

0574

Migrant handbook / USDA.

United States ~ Food and Nutrition Service. Washington USDA 1979. Abstract: Efforts to reach migrant workers and their families with health care and social services are being supplemented by a food program for women, infants and children (WIC). The most important aspect of improved delivery of services is certification of eligibility which is valid in all jurisdictions. State and Federal governments are collaborating in a system which will allow continuous care. An outreach program

is designed to make potential recipients aware of the benefits available; these include food packages, nutrition education and health care. All agencies providing services to migrants are eligible to share in the referral system. Resources and guidelines to facilitate the working of the system are being offered by the USDA, including information on numbers and moving patterns of migrants, directories of local agencies, bilingual staff and materials, contacts with farmworker groups, and food delivery systems. Original title misleading. (85) p. - (NAL Call No.: TX361.M52U5 F&N E-3200).

0575

WIC migrant evaluation project.

New Brunswick, N.J. National Child Nutrition Project 1981. Abstract: The effectiveness of WIC delivery systems in reaching and serving migrant farm workers is reported as assessed. Data reported and analyzed were obtained from several sources (42 State and 188 local WIC agencies serving migrants; a sample population of 263 women in 4 States; and 130 local social and health agencies, schools, and Federal programs serving the sample population). Several recommendations were developed from this assessment: USDA should specifically define "migrant farm workers" to include the designation of a 2-year time limit since the last "migration." Verification of certification cards should be standardized among States, and should be provided with instruction and training; USDA should provide and monitor special migrant grants; a migrant participation and resources manual should be available to State and local WIC programs; and priorities should be given to programs already serving migrants (e.g., migrant health and child care). Questionnaires and interview formats used in this assessment are appended. (wz). U.S. Dept. of Agriculture, Food and Nutrition Service, Special Supplemental Food Program for Women, Infants, and Children, grant no. 59-3198-9-81 ~ "November 1981.". 3, iv, 100 leaves : forms; 30 cm. (NAL Call No.: TX361.W55W51 F&N E-4329).

0576

WIC program, directory of local agencies / USDA.

United States ~ Food and Nutrition Service ~ Supplemental Food Programs Division. Washington USDA 1978. Abstract: WIC program participants and local WIC agencies can use the Directory to help migrant WIC participants locate WIC programs as they move during the migration season. Provided are all WIC programs in each of the 13 states serving migrants (Texas, Colorado, Iowa, Kansas, Missouri, Nebraska, North Dakota, Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin). Listed are counties; county codes; local agency address, phone number, and code; and other counties served by the local agency. Also provided are a list of state agency codes throughout the U.S. used in record forms, a list of the Commodity Supplemental Food Programs in the 13 states

serving migrants, and a list of WIC program
directors in the 13 states serving migrants.
Updated January 12, 1978. 100 p. -. (NAL Call
No.: RJ206.W6 1978 F&N E-3071).

RURAL SOCIOLOGY

0577

Agricultural production and the American ethos.
Goldschmidt, W. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 406-422. Includes references. (NAL Call No.: DNAL S401.A45).

0578

Aliens, immigration and commodity trade: conflicts between consumers and workers.
Huffman, W.E. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 348-386. ill. Includes references. (NAL Call No.: DNAL S401.A45).

0579

Anglo over bracero : a history of the Mexican worker in the United States from Roosevelt to Nixon / Peter N. Kirstein.
Kirstein, Peter N. San Francisco R and E Research Associates c1977. v. 113 p. ; 28 cm. Bibliography: p. 108-113. (NAL Call No.: HD8081.M6K5).

0580

Black farmers in the Mississippi and Tennessee Sand-Clay Hills.
Munoz, R.D. Mississippi State, Miss. : The Station. Extract: The characteristics of black farm operators were identified using data from the 1980 Family Farm Survey conducted in 29 counties in northeastern Mississippi and southwestern Tennessee. Black operated farms were typically small livestock operations, mostly fully owned, with low value of land and buildings. Black operators were generally older, less educated, operated smaller farms and were less likely to work off-farm than white operators. Blacks that worked off-farm were most likely to be production workers. Off-farm income of blacks was significantly lower than that for whites. Policy options to assist black farmers and their families may include non-agricultural alternatives. While off-farm employment may not be a panacea of all black farmers, it could give some operators a competitive edge. Agricultural Economics Research Report - Mississippi Agricultural and Forestry Experiment Station. June 1984. (149). 23 p. Includes 21 references. (NAL Call No.: DNAL 100 M69MR).

0581

Changing patterns of Mexican migration to the United States: a case study.
Mines, R. de Janvry, A. Berkeley, The Foundation. Working paper - Giannini Foundation of Agricultural Economics, Department of Agricultural and Resource Economics, California Agricultural Experiment Station. Aug 1980. Aug 1980. (148). 30 p. 13 ref. (NAL Call No.: 916970(AGE)).

0582

Classification of women as farmers: economic implications (Farm management aspects, workers, United States).
Scholl, K.K.XAEEA. Beltsville : The Service. Family economics review - U.S. Department of Agriculture, Agricultural Research Service. Oct 1983. Includes statistical data. Oct 1983. (4). p. 8-17. Includes references. (NAL Call No.: aTX326.A1U5).

0583

Contributions of migrants to local labor force changes in different-sized nonmetro places.
Garkovich, L.RUSDA. Knoxville, TN : Rural Sociological Society. Extract: Migration is a major factor in a local economy's growth potential since it affects the size and characteristics of the labor force. Previous studies of the impact of the migration turnaround on the labor force have not investigated potential variations in the socioeconomic contributions of migrants to nonmetro places. By differentiating among non-metro places according to their size and distance from a metro area, potential variations in the labor force contributions of migrants to different nonmetro places are explored. Large nonmetro places (population 10,000 to 49,999) and those adjacent to metro areas tend to receive migrants who are younger and have higher educational attainment, occupational status, and family income than do small and nonadjacent nonmetro places. Rural sociology. Winter 1983. Winter 1983. . 48 (4). p. 624-636. Includes 26 references. (NAL Call No.: 281.28 R88).

0584

Contributions of recent metro/nonmetro migrants to the nonmetro population and labor force.
Bowles, G.K. Washington, The Service. Extract: This article highlights some characteristics of some 6.2 million people 5 years old and over who lived in nonmetro localities in 1975 and had moved in from metro areas after 1970. It presents an assessment of their contributions to the nonmetro population and labor force. Agricultural economics research - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Oct 1978. v. 30 (4). p. 15-22. 19 ref. (NAL Call No.: 1 EC7AGR).

0585

Dimensions of the internal stratification of smallholders: insights from North Carolina Piedmont counties.

RUSOA. Schulman, M.D. Garrett, P.; Luginbuhl, R. Lexington, Ky. : The University of Kentucky. Extract: This paper examines the dimensions of internal stratification in a regionally specific sample of smallholders selected from three North Carolina Piedmont counties. It differs from other smallholder samples in that most respondents are black, low income, and produce flue-cured tobacco. Nevertheless, data analysis reveals that the important dimensions of internal stratification are similar to those identified in previous research. Promax factor analysis shows that the major dimensions of internal stratification are scale of the farm enterprise, off-farm family labor, farm operator's age and education, and land tenure. Canonical discriminant analysis discloses the difference between smallholders who do and who do not own tobacco allotments. These results suggest the importance of incorporating both land tenure and choice of commodity into subsequent analyses of internal stratification among smallholders. *Rural sociology*. Summer 1985. v. 50 (2). p. 251-261. Includes 27 references. (NAL Call No.: DNAL 281.28 R88).

0586

The education of nonmetro blacks.

Fratoe, F.A. Washington, D.C., The Service. *Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service*. July 1980. Available from NTIS order no. PB80-222-664. July 1980. (21). 19 p. 36 ref. (NAL Call No.: aHT392.A53).

0587

The education of nonmetro Hispanics.

Fratoe, F.A. Washington, The Service. Extract: This study examines the education of nonmetro Hispanics, their school and college enrollment, and such educational outcomes as employment, occupation, income, and migration. The latest available data are cited in all cases. The data are compared not only by race/ethnicity and metro/nonmetro residence but by other categories wherever feasible. *Rural development research report - U.S. Dept. of Agriculture, Economic Research Service*. Sept 1981. Sept 1981. (31). 21 p. 43 ref. (NAL Call No.: aHT392.A53).

0588

The educational level of farm residents and workers.

Fratoe, F.A. Washington, D.C., The Service. Abstract: This report examines educational characteristics of the farm-related population, including nonmetro farm residents and workers by race and sex. Members of this population

generally lag behind their nonfarm-related counterparts in all areas examined. *Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service*. Mar 1979. Available from NTIS order no. PB 293-384. Mar 1979. (8). 24 p. 29 ref. (NAL Call No.: aHT392.A53).

0589

Effects of community attributes on total employment change in nonmetropolitan counties.

Gillis, W. Shahidsaless, S. Urbana, Ill., Illinois University. Dept. of Agricultural Economics. Extract: Specific community attributes such as size and composition of the labor force, demographic characteristics of local residents, geographic location, and area population are usually ignored in economic impact studies pertaining to nonmetropolitan areas. This article demonstrates how specific community attributes influence the total employment impact resulting from an exogenous employment change. The investigation utilizes an econometric economic base model on census data for 264 nonmetropolitan counties. *North Central journal of agricultural economics*. July 1981. v. 3 (2). p. 149-155. 14 ref. (NAL Call No.: HD1773.A3N6).

0590

Enforcing the Reclamation Act and rural development in California.

LeVeen, E.P. RUSOA. Provo, UT : Rural Sociological Society. Extract: The relationship between farm size and the organization and nature of the rural economy and society are investigated with reference to the possible impact of imposing acreage and residency requirements. The analysis is developed using the example of Fresno County, California. Two sets of census tracts—one representing the kind of agriculture likely to prevail under the imposition of the Reclamation Act, and the other representing the industrial system currently dominating the west side of Fresno County—are compared. It is concluded that imposing the Reclamation Act would have important beneficial impacts on the rural community. However, it is also argued that these benefits will not extend to the rural poor—the seasonal, hired labor force. Alternative scenarios for enforcing the law are examined to illustrate how the original goals of the Reclamation Act might be obtained. *Rural sociology*. Winter 1979. v. 44 (4). p. 667-690. Includes 33 references. (NAL Call No.: 281.28 R88).

0591

Ethical issues and farm labor: the contribution of economic analysis.

Sumner, D.A. Gainesville, Fla. : The Program, 1983? *Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982* / edited by R. Haynes, R. Lanier ;

(RURAL SOCIOLOGY)

sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 337-347. Includes references. (NAL Call No.: DNAL S401.A45).

0592

Ethical value and farm labor market institutions: prospects and strategies for change.

Glover, R.W. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 317-336. Includes references. (NAL Call No.: DNAL S401.A45).

0593

Farm labor in the United States.

Emerson, R.D. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 127-148. Includes references. (NAL Call No.: DNAL S401.A45).

0594

Farm people and social security : farmers and farm workers would pay into an insurance trust fund for monthly disability, retirement, and survivors insurance benefits / (written by E.J. Niederfrank).

Niederfrank, Evelon Joy, 1904. (Washington, D.C.?) U.S. Dept. of Agriculture 1949. 17 leaves : ill., 1 map ; 27 cm. - . Includes bibliographical references. (NAL Call No.: MLCM 83/1449).

0595

Gulf County, Florida, information for rural development : population, housing, economy, labor force, public sector / K. Clayton, J. Gordon.

Clayton, K. Gordon, J. Gainesville University of Florida, Agricultural Experiment Station 1978. Cover title. vi, 63 p. ; 28 cm. - . Bibliography: p. 61-63. (NAL Call No.: HD9007.F6F6 no.17).

0596

Hired hands : seasonal farm workers in the United States / by Stephen H. Sosnick.

Sosnick, Stephen H. Santa Barbara, Calif. McNally & Loftin, West c1978. xi, 453 p. ; 23 cm. Includes bibliographical references and index. (NAL Call No.: HD1525.S6).

0597

Illegal Mexican workers: why they come (Migrants, agriculture).

Rochin, R.I. CA. Nuckton, C.F. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Aug/Sept 1980. v. 34 (8/9). p. 9-10. (NAL Call No.: 100 C12CAG).

0598

Inadequacies of the traditional labor force framework for rural areas: a labor utilization framework applied to survey data.

Carter, K.A. Provo, Utah, Rural Sociological Society. Extract: Community leaders across the United States have often focused their development efforts upon attracting new business and industry to their areas to improve employment opportunities. However, these efforts are often hindered by the inaccuracy and inadequacy of available labor force information for rural areas. This article examines the measurement and conceptual problems of the traditional labor force framework as well as the inaccuracy of official labor force estimates for nonmetropolitan counties. Survey data from three nonmetropolitan counties are used in the application of a labor utilization framework. The labor utilization framework is viewed as a more meaningful approach to rural labor force analysis than the traditional labor force approach. Rural sociology. Fall 1982. v. 47 (3). p. 459-474. 14 ref. (NAL Call No.: 281.28 R88).

0599

Industrial dispersal and labor-force migration: employment dimensions of the population turnaround in Michigan.

Zuiches, J.J. Price, M.L. New York, Academic Press, 1980. New directions in urban-rural migration: the population turnaround in rural America, (edited by) David L. Brown, John M. Wardwell. p. 333-359. map. Bibliography p. 356-359. (NAL Call No.: HB2385.N48).

0600

Industrial shift in labor force in Arkansas and Oklahoma metro and nonmetro, waterway and nonwaterway counties (Rural).

Godfrey, L. Callaway, S.; Parker, J. Fayetteville, Ark., The Station. Arkansas farm research - Arkansas Agricultural Experiment Station. Nov/Dec 1981. v. 30 (6). p. 11-12. map. (NAL Call No.: 100 AR42F).

0601

The influence of psychic costs on rural-urban migration.

Deaton, B.J. Morgan, L.C.; Anschel, K.R. Ames, Iowa, American Agricultural Economics Association. Extract: Psychic costs reflect differences in interregional utility, an important determinant of population among regions. Following Sjaastad's definition of psychic costs, the consumer surplus foregone by Appalachian migrants in two urban areas was measured as the difference between current urban income and an acceptable income level in eastern Kentucky. Psychic costs varied significantly with the size of the city of destination; migrants' demographic characteristics; and their satisfaction with jobs, city services, and interpersonal relationships in the city. Mobility which reduces psychic costs contributes to social well-being but will not be measured in national economic accounts. *American journal of agricultural economics*. May 1982. v. 64 (2). p. 177-187. 21 ref. (NAL Call No.: 280.8 J822).

0602

International migrant workers' remittances : issues and prospects / prepared by: Gurushri Swamy.

Swamy, Gurushri. Washington, D.C. (1818 H Street, N.W., Washington 20433) World Bank 1981. Cover title ~"August 1981.". 64 p. ; 28 cm. - Bibliography: p. 62-64. (NAL Call No.: HD4966.A29S9).

0603

International migration : the search for work / Kathleen Newland.

Newland, Kathleen. (Washington) Worldwatch Institute 1979. 31 p. ; 22 cm. - Includes bibliographical references. (NAL Call No.: HD6300.N48).

0604

Just a farmer.

Miller, S.H. Ames, Iowa : Iowa State University. *Iowa agriculturist*. Spring 1985. v. 86 (2). p. 24-25. (NAL Call No.: DNAL 6 I09).

0605

Labor costs, paternalism, and loyalty in southern agriculture: a constraint on the growth of the welfare state.

Alston, L.J. Ferrie, J.P. Wilmington, Del. : Economic History Association at the University of Iowa. Extract: We examine the role of southern legislators in resisting the early expansion of the welfare state in the 1930s. A desire to keep agricultural labor cheap and dependent on southern landlords motivated the resistance. Dependence promoted a loyal labor

force and thereby reduced monitoring costs in the labor-intensive production of cotton. Federal and state welfare programs would have substituted for landlord paternalism and hence made labor less loyal. Evidence on the federal Old-Age and Unemployment Insurance systems and state Old-Age pension and Mothers' Aid programs are found consistent with our hypothesis. *The Journal of economic history*. Mar 1985. v. 45 (1). p. 95-117. Includes references. (NAL Call No.: DNAL 277.8 J822).

0606

Labor force participation of metropolitan, nonmetropolitan, and farm women: a comparative study.

Bokemeier, J.L. RUSOA. Sachs, C.; Keith, V. Knoxville, TN : Rural Sociological Society. Extract: Research on the labor force participation of rural women is scant and has failed to examine separately farm and nonfarm-nonmetropolitan women. In this study, the socioeconomic correlates of labor force participation of metro, nonfarm-nonmetro, and farm women are identified. Data from a large statewide mail survey (N = 5,880 women) are examined to compare personal, socioeconomic, and family characteristics and the occupations and industries of women in the labor force. Findings regarding correlates of labor force participation indicate that family and status are the most influential correlates of metro and nonmetro women's labor force participation, while status factors are more influential for farm women. *Rural sociology*. Winter 1983. v. 48 (4). p. 516-539. Includes 52 references. (NAL Call No.: 281.28 R88).

0607

Labor needs to better manage migrant grants in Virginia and improve the process for selecting grantees : report to the Honorable William C. Wampler, House of Representatives / by the Comptroller General of the United States.

United States ~ General Accounting Office. (Washington, D.C.) U.S. General Accounting Office ; for sale by Supt. of Docs. 1981. Includes appendices ~Cover title ~HRD-81-66 ~B-202527. v. 53 p. ; 28 cm. (NAL Call No.: HD8083.V5U5).

0608

Labor use in stripping and baling burley tobacco.

Hallaron, J.L. Shuffett, D.M.; Bradford, G. Lexington, The Station. Staff paper - University of Kentucky, Dept. of Agricultural Economics. June 1979. June 1979. (87). 24 p. 7 ref. (NAL Call No.: 917112(AGE)).

(RURAL SOCIOLOGY)

0609

Market time supply of non-household-head hired farm worker.

Shane, R.L. Amherst, The Council. Extract: Traditional models in the agricultural labor literature have examined agricultural labor supply in terms of a labor-leisure trade-off by a single individual. This work examines the question of total annual market days in farm and nonfarm work of secondary family workers engaged in hired farm work. The underlying model is one of home production-consumption. A trade-off of market days between wife and older children in a family is hypothesized. Empirical results are mixed, generally supporting a trade-off in the supply of market days in a family between nonstudents and wives, but not between students and wives. *Journal - Northeastern Agricultural Economics Council*. Apr 1979. v. 8 (1). p. 24-29. 24 ref. (NAL Call No.: HD1773.A2N6).

0610

Migrant child welfare : a state of the field study of child welfare services for migrant children and their families who are in-stream, home based, or settled-out : final report / by David N. Cavanaugh ... (et al.).
InterAmerica Research Associates. Cavanaugh, David N. (Washington) National Center for Child Advocacy, Children's Bureau, Office of Child Development, U.S. Dept. of Health, Education, and Welfare 1977. Performed under contract no. HEW-105-76-1140, National Center for Child Advocacy and prepared by members of InterAmerica Research Associates. 409 p. : ill. ; 27 cm. - Bibliography: p. 405-409. (NAL Call No.: HV881.I5).

0611

The migrant farm work force: differences in attachment to farmwork.
RUSOA. Whitener, L.A. Lexington, Ky. : The University of Kentucky. Extract: This study investigates the extent of diversity and segmentation within the U.S. migrant farm labor force by examining differences in migrants' attachment to farmwork. Categories of agricultural attachment are examined to determine whether there are clearly definable groups of migrants who differ significantly in terms of earnings, economic well-being, employment characteristics, and demographic attributes. The relationship between attachment to farmwork and these variables is examined, and the results show the existence of three distinct groups of migrants with differing levels of dependence on agriculture that are differentiated by demographic and employment variables. Age, minority status, and region are important distinguishing demographic variables, and dependency on farm earnings, total earnings, and farm earnings are important employment variables. The policy implications of this segmentation within the migrant farm labor force are discussed. *Rural sociology*. Summer 1985. v. 50 (2). p. 163-180. Includes 24

references. (NAL Call No.: DNAL 281.28 R88).

0612

Migration to the United States and Mexican rural development: a case study.
Mines, R. de Janvry, A. Lexington, Ky., American Agricultural Economics Association. Extract: In-depth study of Las Animas, Mexico, allows us to analyze the impact of migration to the United States on both sending community and receiving labor markets. As the community becomes increasingly involved in migration, tendencies can be identified regarding changing migration patterns, class differentiation among villagers, impact of migration on village economy, and the changing role of Mexican workers in California labor markets. Results indicate the importance of social networks in determining the outcome of migration; while migration is individually rational, it is a factor of stagnation for village economy, and it helps reproduce segmented California labor markets. *American journal of agricultural economics*. Aug 1982. v. 64 (3). p. 444-454. 24 ref. (NAL Call No.: 280.8 J822).

0613

Political implications of multiple jobholding in U.S. agriculture: an exploratory analysis (Off-farm labor market).
Buttel, F.H. Larson, O.W. III. Provo, Utah, Rural Sociological Society. *Rural sociology*. Summer 1982. v. 47 (2). p. 272-294. 2 p. ref. (NAL Call No.: 281.28 R88).

0614

A profile of California farmworkers.
CAGRA. Martin, P. Mines, R.; Diaz, A. Berkeley : The Station. *California agriculture - California Agricultural Experiment Station*. May/June 1985. v. 39 (5/6). p. 16-18. ill., maps. (NAL Call No.: DNAL 100 C12CAG).

0615

A profile of displaced pineapple workers on Moloka'i (Hawaii).
Bowen, R.L. Foster, D.L. Honolulu, Hawaii : The College. *Research extension series - College of Tropical Agriculture and Human Resources*, University of Hawaii. Aug 1983. Aug 1983. (031). 24 p. Includes references. (NAL Call No.: S481.R4).

0616

Race and the effect of family status among male agricultural laborers.

Ryan, V.D.RUSA. Warland, R.H. Knoxville, TN : Rural Sociological Society. Extract: Daniel Patrick Moynihan's thesis that males in low income black families do not adequately meet the economic demand of their nuclear families was examined by investigating the effects of marital and parental status positions on male agricultural workers' earnings. Comparisons of these effects by race were also made to see how the earnings of black male workers compared with the earnings of white male workers. Generally the findings showed that black males earn more if they have a wife and child (or children). The effect of the marital position on earnings was significantly lower for blacks than for whites. *Rural sociology*. Fall 1978. v. 43 (3). p. 335-347. Includes 28 references. (NAL Call No.: 281.28 R88).

0617

Rural education and rural labor force in the seventies.

Fratoe, F.A. Washington, D.C., The Service. Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Oct 1978. Available from NTIS order no. PB 287-541. Oct 1978. (5). 38 p. 46 ref. (NAL Call No.: aHT392.A53).

0618

Seasonal agricultural labor markets in the United States : final report / edited by Robert D. Emerson.

Emerson, Robert D. (Gainesville) Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida Springfield, Va. Available from NTIS 1981. Prepared under grant no. 21-12-79-12 from Employment and Training Administration, U.S. Dept. of Labor. xxxii, 681 p. : ill. ; 28 cm. Bibliography: p. 655-672. (NAL Call No.: HD1525.S4).

0619

Shifts in labor force participation patterns in North Dakota.

NDFRA. Rathge, R.W. Fargo, N.D. : The Station. North Dakota farm research - North Dakota, Agricultural Experiment Station. Sept/Dct 1984. v. 42 (2). p. 18-22. (NAL Call No.: DNAL 100 N813B).

0620

So sweet to labor : rural women in America, 1865-1895 / Norton Juster.

Juster, Norton, 1929. New York Viking Press 1979. 293 p. : ill. ; 24 cm. Bibliography: p. (285)-293. (NAL Call No.: HQ1419.J87).

0621

Social origins of three systems of farm production in the United States.

Pfeffer, M.J.RUSA. Knoxville, TN : Rural Sociological Society. Extract: Agricultural development is not a unilinear process. Variability in farm structure is explained by differences in the economic, social, and political factors present at a particular time and place. The management of farm labor poses distinctive problems because of the natural conditions of agricultural production. The farm structure characteristic of a particular area is determined by the interaction of labor management constraints imposed by the natural conditions of production with particular economic, social, and political conditions. This position is considered through historical analysis of the genesis of corporate farming in California, sharecropping in the South, and family farming on the Great Plains. Each of these systems of farm production initially arose under conditions of concentrated ownership of land. But because of differences between the regions in the possibilities of mobilizing a farm work force, different systems of farm production were established. *Rural sociology*. Winter 1983. Winter 1983. . 48 (4). p. 540-562. Includes 28 references. (NAL Call No.: 281.28 R88).

0622

Socio-economic characteristics and income opportunities of small farms in selected areas of Louisiana.

Huffman, D.C. Donald, S.L. Baton Rouge, La., The Station. Extract: The general objective of the study was to determine the combination of farm enterprises and off-farm employment that would maximize family income. Crop and production enterprises, hiring of services, and off-farm employment activities were included in the linear programming model. Restrictions included land, labor, farm enterprises, and off-farm employment opportunities. Results suggest that operators of small farms can improve family incomes by changing enterprise mix. Moreover, socio-economic, physical, and attitudinal characteristics of farm operators and their families should be considered in any program designed to improve income levels for operators of small farms. D.A.E. research report - Dept. of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station. June 1981. June 1981. (580). 137 p. Includes ref. (NAL Call No.: 100 L935).

(RURAL SOCIOLOGY)

0623

Toward a class analysis of midwestern agriculture.

Mooney, P.H. RUSOA. Knoxville, TN : Rural Sociological Society. Extract: This paper applies recent developments in the neo-Marxist theory of class to the specific problem of class analysis of midwestern agricultural production. The works of Braverman and Wright are brought together to identify four indicators of class location. Three "pure" class locations are identified by these relations. Their imperfect coincidence in the articulation of simple commodity and capitalist modes of production make Wright's concept of "contradictory class location" particularly appropriate for the analysis of class in agricultural production. Five social relations in agricultural production are examined with respect to the specified indicators of class location. *Rural sociology*. Winter 1983. Winter 1983. . 48 (4). p. 562-584. Includes 32 references. (NAL Call No.: 281.28 R88).

0624

University involvement in social impact analysis of changing agricultural technologies: tobacco harvest mechanization in the southeast.
Perkinson, L.B. Hoover, D.M. Boulder, Colo. : Westview Press, c1984. The Social consequences and challenges of new agricultural technologies / edited by Gigi M. Berardi and Charles C. Geisler. Integrated reference list, p. 337-376. p. 163-180. (NAL Call No.: DNAL S441.S68).

0625

Unpaid family workers (Includes in agriculture, United States).

Beltsville : The Service. Family economics review - U.S. Department of Agriculture, Agricultural Research Service. Oct 1983. Includes statistical data. Oct 1983. (4). p. 21-22. Includes references. (NAL Call No.: aTX326.A1U5).

0626

Where mules outrate men : migrant and seasonal farmworkers in North Carolina : a report / prepared by the North Carolina Advisory Committee to the United States Commission on Civil Rights.

United States ~ Commission on Civil Rights ~ North Carolina Advisory Committee. Washington Commission on Civil Rights : for sale by the Supt. of Docs., U.S. Govt. Print. Off. 1979. vii, 35 p. ; 26 cm. Includes bibliographical references. (NAL Call No.: HD1527.N8U5).

0627

Why workers leave dairies Changing jobs .
CAGRA. Billikopf, G.E. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept 1984. v. 38 (9). p. 26-28. ill. (NAL Call No.: DNAL 100 C12CAG).

0628

Women on the farm: their work is vital.
CRSOA. Madison, Wis. : American Society of Agronomy. Crops and soils magazine. Nov 1984. v. 37 (2). p. 10-11. ill. (NAL Call No.: DNAL 6 W55).

0629

Women's contribution to the survival of the family farm.

Downie, M. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. p. v. 1 p. 296-316. Includes 68 references. (NAL Call No.: DNAL S401.A45).

RURAL DEVELOPMENT

0630

Agricultural counties: their location, farms, and economies.

Hoppe, R.A. Washington, D.C., The Service. Abstract: Rural people no longer rely primarily on agriculture for their livelihood. The number of agricultural counties receiving at least 20 percent of their total labor and proprietors' income from farming declined from 2,016 in 1950 to 684 in the midseventies. This report documents the decline in counties dependent on agriculture and identifies counties where farming still provides a large portion of income and employment. Counties still depending on agriculture have unique farm and economic characteristics. This report also examines the structure of agriculture in its changing local environment. ESS staff report - U.S. Dept. of Agriculture, Economics and Statistics Service. Feb 1981. Feb 1981. (AGESS810213). 48 p. maps. 18 ref.

0631

Agricultural information staffs in State land grant universities.

Washington, D.C. Information Services, Federal Extension Service, U.S. Dept. of Agriculture,. Title from cover ~Description based on: 1968. v. ; 26 cm. (NAL Call No.: A276.6 F312).

0632

Agricultural labor in the 1980's; a survey with recommendations / prepared by Agricultural Employment Work Group, United States Department of Agriculture.

United States ~ Department of Agriculture ~ Agricultural Employment Work Group. Berkeley, Calif. University of California Division of Agricultural Sciences 1982. "First in a series of publications on Human Resources in Agriculture.". iv, 19 p. ; 28 cm. (NAL Call No.: aHD1525.U5).

0633

Assessment of employment and unemployment statistics for nonmetropolitan areas.

Nilsen, S.R. Washington, D.C., The Service. Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Dec 1979. Available from NTIS order no. PB80-137-441. Dec 1979. (18). 21 p. 18 ref. (NAL Call No.: aHT392.A53).

0634

The determinants of wage increases in new manufacturing plants in rural areas.

Klindt, T.H. Deaton, B.J.; Landes, M.R. Gainesville, Fla., Southern Agricultural Economics Assoc. Extract: It was argued that individual worker, plant, and community

characteristics influence employee wage changes in newly located plants. In general, results of this analysis are consistent with this line of reasoning. However, the unexplained variation suggests the need for additional work in determining explanations for wage changes or in specifying explanatory variables. Southern journal of agricultural economics. July 1981. v. 13 (1). p. 83-88. 17 ref. (NAL Call No.: HD101.S6).

0635

Economic planning for multicounty rural areas: application of a linear programming model in northwest Arkansas.

Williams, D.G. Washington, D.C., The Department. Extract: A linear programming economic development model can help regional planners influence the most desirable type of growth for rural areas. Optimal resource use, investment, and industry mix for manufacturing, services, government, and agriculture are reviewed for nine regional macroeconomic goals, with the tradeoffs evaluated for attaining one objective over another. Multiple regression analysis allows the most desirable industries to be identified by economic characteristics such as capital/output and value added/labor rather than product type. Although the results are specific for a region in northwest Arkansas, the general conclusions should be valid for other areas as well. Technical bulletin - United States Dept. of Agriculture. June 1981. June 1981. (1653). 75 p. 22 ref. (NAL Call No.: 1 AG84TE).

0636

The effect of mining on agricultural hired labor in the Northern Great Plains

Adams, R.M. Menkhaus, D.J. Lexington, Ky., American Agricultural Economics Association. Extract: The descriptive evidence lends plausibility to the assertion that the mining industry is accelerating the transfer of labor from agriculture. The typical economic base in many of the rural areas experiencing energy expansion is livestock oriented with no industrial base other than mining. This simple economic structure and the isolation of energy extraction sites from more populous areas of the region suggest that mining employment (and rising wages) may indeed represent an opportunity cost of agricultural employment. American journal of agricultural economics. Nov 1980. v.62 (4). p. 748-752. 22 ref. (NAL Call No.: 280.8 J822).

0637

Employment and population growth in nine nonmetro Kentucky counties.

United States ~ Dept. of Agriculture ~ Economic Research Service ~ Economic Development Division. Washington, D.C., The Service. Extract: This report presents preliminary findings from a recent ERS survey in

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south-central Kentucky. It begins to fill a research need for information on the characteristics of persons and households affected by the new pattern of rural growth. Results indicate that (1) immigrants did not necessarily have an advantage over long-term residents in obtaining jobs in a rapidly growing nonmetro community in south-central Kentucky, (2) most new workers in the area were youth and/or women, and (3) new firms were an important source of new jobs, particularly in the private service sector. ERS staff report - U.S. Dept. of Agriculture, Economic Research Service. Jan 1982. Available from NTIS - order no. PB82-164-070. Jan 1982. (AGES811210). 16 p. 2 ref. (NAL Call No.: 916762(AGE)).

0638

Energy and labor use by rural manufacturing industries.

Smith, E.J. Washington, D.C., The Service. Rural development research report - United States Dept. of Agriculture, Economics and Statistics Service. Feb 1981. Available from NTIS order no. PB81-182-412. Feb 1981. (26). 21 p. map. 9 ref. (NAL Call No.: aHT392.A53).

0639

Goal conflicts in rural economic development.
Williams, D.G. Washington, The Service.
Extract: In regional economic development planning, achieving one objective often results in achieving less of another; tradeoffs exist among alternatives. Two pairs of area economic objectives are examined - gross regional product versus local employment and local wage bill versus local employment - and tradeoff curves are derived. The tradeoff curve range is greater and, therefore, the conflict situation more interesting between the first pair of objectives - a capital-oriented and a labor-oriented objective - than between the second pair - two labor-oriented goals. As regions become more open, tradeoff schedules shift outward and range and curvature increase, intensifying the need for compromise.
Agricultural economics research - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. July 1980. v. 32 (3). p. 21-25. (NAL Call No.: 1 EC7AGR).

0640

Human resources in Franklin Parish Prepared by J.H. Jones, Jr.
Jones, J. H. (Baton Rouge, La. Louisiana State University and Agricultural and Mechanical College, Agricultural Extension Service (1957?). "Southwestern land-grant college library microreproduction project. ~Microfilm. Wooster, Ohio : Micro Photo Division, Bell & Howell, 1979. -- 1 reel ; 35 mm. (11) p. (NAL Call No.: Film 1914).

0641

Industrial location and growth in submetro Tennessee and Kentucky communities.

Smith, E.D. Klindt, T.H. (s.l.), (s.n.). Extract: This report is a compilation of component parts of a Southern Regional Project. In general, the research indicated that some nonmetro communities have locational and other nonmodifiable disadvantages in attracting new industries. However, statistical evidence indicates that most of these disadvantages could be counteracted by effective community action programs. Moreover, it was found that the market for manufacturing industry locations is highly imperfect. However, it appears to be one which is more efficient in the higher technology, male-labor oriented industries with high value added per worker. Southern cooperative series bulletin. June 1981. June 1981. (258). 69 p. 26 ref. (NAL Call No.: 100 G2950).

0642

The influence of work and nonwork factors on job satisfaction for Mexican-American male workers (Community job opportunities, urban and rural labor).

Hawkes, G.R. Guagnano, G.A.; Smith, J.W.; Forest, M.K. College Station, TX : Rural Sociological Society. Rural sociology. Spring, 1984. v. 49 (1). p. 117-126. Includes references. (NAL Call No.: 281.28 R88).

0643

Labor force activity of women in metropolitan and nonmetropolitan America.

Brown, D.L. O'Leary, J.M. Washington, D.C., The Service. Rural development research report - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Sept 1979. Available from NTIS order no. PB 299-534. Sept 1979. (15). 33 p. map. 20 ref. (NAL Call No.: aHT392.A53).

0644

Labor force characteristics of a rural county's commuters.

Beck, R.J. Amherst, The Council. Extract: The objective of this study is to determine whether there are differences in the intracounty commuters and the intercounty commuters by examining the social and economic characteristics of the two groups. Journal - Northeastern Agricultural Economics Council. Oct 1979. v. 8 (2). p. 165-175. 9 ref. (NAL Call No.: HD1773.A2N6).

0645

Large-scale farming, rural income, and Goldschmidt's agrarian thesis.

Harris, C.K. Gilbert, J. Provo, Utah, Rural Sociological Society. Extract: The impact of large-scale farming on rural social structure and welfare is gaining increasing attention. Using 1959 and 1964 state-level data, Goldschmidt found a highly positive correlation between the prevalence of large farms and the relative size of the "lower class" in farming. We extend Goldschmidt's analysis by adding an income variable for farmers, farm laborers, and the rural population as a whole. Our model is a sequential ordering of five variables: farm scale affects the farm social structure; these in turn affect the income of farmers, farm workers, and rural persons. Based on Goldschmidt's thesis, we generate and test six hypotheses. The results suggest that a complete acceptance of the model would be unwarranted. *Rural sociology*. Fall 1982. v. 47 (3). p. 449-458. 25 ref. (NAL Call No.: 281.28 R88).

0646

Manpower training and the political economy of agriculture: CETA and the Texas agricultural environment.

McIntosh, W.A. Picou, J.S. Austin : University of Texas Press. Extract: This study utilizes a political economy approach to examine the consequences of the agricultural environment for a manpower training program (CETA). Training programs attempt to increase the skills of underemployed and unemployed labor and thus may compete with farms for needed resources. It is hypothesized that in areas where the demand for unskilled labor is highest, CETA will exhibit reduced rates of success. With 1978 Agricultural Census data and 1980 CETA participant training and placement rates, this general hypothesis is supported. *Social science quarterly*. June 1985. v. 66 (2). p. 330-345. Includes 30 references. (NAL Call No.: DNAL H1.S65).

0647

Migration to the United States and Mexican rural development: a case study.

Mines, R. de Janvry, A. Lexington, Ky., American Agricultural Economics Association. Extract: In-depth study of Las Animas, Mexico, allows us to analyze the impact of migration to the United States on both sending community and receiving labor markets. As the community becomes increasingly involved in migration, tendencies can be identified regarding changing migration patterns, class differentiation among villagers, impact of migration on village economy, and the changing role of Mexican workers in California labor markets. Results indicate the importance of social networks in determining the outcome of migration; while migration is individually rational, it is a factor of stagnation for village economy, and it helps reproduce segmented California labor markets. *American journal of agricultural*

economics

Aug 1982. v. 64 (3). p. 444-454. 24 ref. (NAL Call No.: 280.8 J822).

0648

The nonmetro labor force in the seventies.

Schaub, J.D. Washington, D.C., The Service. Extract: This report identifies structural changes and trends in the composition of the nonmetro labor force between 1973 and 1979, and evaluates the labor force performance of different population subgroups in the seventies. These subgroups are race, sex, and age. The report also suggests underlying causes of the major changes and the likelihood of particular trends continuing into the eighties. *Rural development research report - U.S. Dept. of Agriculture, Economic Research Service*. Nov 1981. Nov 1981. (33). 23 p. 19 ref. (NAL Call No.: aHT392.A53).

0649

Nonmetro youth in the labor force.

Nilsen, S.R. Washington, D.C., The Service. *Rural development research report - United States Dept. of Agriculture, Economics and Statistics Service*. Mar 1981. Available from NTIS order no. PB81-168-973. Mar 1981. (27). 16 p. 15 ref. (NAL Call No.: aHT392.A53).

0650

Occupational mobility and attainment among migrants entering the Upper Great Lakes Region.

Rank, M.R. Voss, P.R. Provo, Utah, Rural Sociological Society. *Rural sociology*. Fall 1982. v. 47 (3). p. 512-528. 23 ref. (NAL Call No.: 281.28 R88).

0651

The off-farm labor supply of farmers.

Sumner, D.A. Lexington, Ky., American Agricultural Economics Association. Extract: Theoretical and empirical models are developed to examine the off-farm wages, labor force participation, and hours of work of farmers. Econometric estimates use data from a 1971 survey of Illinois farmers. The off-farm wage depends on farmer human capital and the local labor market. The major result confirms the sensitivity of off-farm work to economic incentives. A 10% increase in the off-farm wage entails an 11% increase in hours of off-farm work holding farm characteristics constant. Results also indicate effects of seasonality, risk, and life cycle factors on off-farm work. *American journal of agricultural economics*. Aug 1982. v. 64 (3). p. 499-509. 25 ref. (NAL Call No.: 280.8 J822).

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0652

The role of state and local government employment and earnings in nonmetropolitan economies.

Perkinson, L.B. Washington, The Service. ESCS staff report - U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. June 1980. June 1980. 23 p. 4 ref. (NAL Call No.: 916762(AGE)).

0653

A roof over our heads : migrant and seasonal farmworker housing in Idaho / a report prepared by the Idaho Advisory Committee to the United States Commission on Civil Rights.

United States Commission on Civil Rights - Idaho Advisory Committee. Washington, D.C. Commission on Civil Rights 1980. Sept. 1980. vii, 99 p. : ill., maps ; 26 cm. Includes bibliographical references. (NAL Call No.: HD7289.U5U52).

0654

Rural employment and rural-urban population shifts: discussion.

Deaton, B.J. Lexington, Ky., American Agricultural Economics Association. American journal of agricultural economics. Dec 1979. v. 61 (5). p. 973-974. 3 ref. (NAL Call No.: 280.8 J822).

0655

Rural industrialization and its impact on the agricultural community: a review of the literature.

Salant, P. Munoz, R.D. Washington, D.C., The Service. Extract: This report examines literature concerning (1) the link between farm scale and community welfare, and (2) the economic interface between agriculture and rural industrialization. Several farm region case studies conclude that employment and social services are more varied where smaller, family farms prevail, in other words, where agriculture is less "industrial". Other studies, undertaken in rural areas where industry has located, indicate that part-time farmers may benefit from greater employment opportunities if their skill levels match industry's demand. ESS staff report - United States Dept. of Agriculture, Economics and Statistics Service. Apr 1981. Literature review. Available from NTIS. Apr 1981. (AGESS810316). 14 p. 25 ref. (NAL Call No.: 916762(AGE)).

0656

Rural industrialization and the changing distribution of family incomes.

Deaton, B.J. Landes, M.R. Lexington, Ky., American Agricultural Economics Association. Extract: With poverty diminution remaining an important matter of public policy, the changing size distribution of family income among new industrial workers must be a central concern for rural development policy. The size distribution of income is important in shaping the social structure of society, in reducing transfer payments, in lowering development costs, and in facilitating recovery of investment in human capital. American journal of agricultural economics. Dec 1978. v. 60 (5). p. 950-954. 8 ref. (NAL Call No.: 280.8 J822).

0657

The rural labor market and some manpower problems: the state of Maine.

Richard, W. Amherst, The Council. Journal - Northeastern Agricultural Economics Council. Oct 1978. v. 7 (2). p. 119-122. 15 ref. (NAL Call No.: HD1773.A2N6).

0658

Rural non-farm employment: a review of the state of the art.

Chuta, E. Liedholm, C. East Lansing, Mich., The Department. MSU rural development paper - Michigan State University, Department of Agricultural Economics. 1979. Literature review. 1979. (4). 96 p. Bibliography p. 85-96. (NAL Call No.: 918965(AGE)).

0659

Rural youth and the labor force (USA).

Falk, W.W. Boulder, Colo. : Westview Press, 1982. Rural society in the U.S. : issues for the 1980s / edited by Don A. Dillman and Daryl J. Hobbs. p. 94-102. 34 ref. (NAL Call No.: HN59.2.R87).

0660

Settlement size, real income, and the rural turnaround.

Hoch, I. Lexington, Ky., American Agricultural Economics Association. Extract: This paper extends the analysis of wage and income differentials to rural occupations and the nonmetropolitan population, thus attempting to bridge the work of some classic studies comparing farm and nonfarm income and those relating urban wages and incomes to population size. In addition, the work is seen as useful in analyzing the rural turnaround, which has received considerable recent attention. Results are interpreted as reflecting long-run compensatory payments as modified or distorted by short-run disequilibria. The next section

analyzes wage rates for two relatively homogenous occupations - hired farm labor and female clerical workers, based on a sample of rural as well as urban counties. The concluding section, recognizing the hazards of income comparisons, considers income and population data for metropolitan areas and nonmetropolitan counties over the period 1969-77. American journal of agricultural economics. Dec 1979. v. 61 (5). p. 953-959. Charts. 15 ref. (NAL Call No.: 280.8 J822).

0661

Stability and change in farming plans: results from a longitudinal study of young adults.

Lyson, T.A. Provo, Utah, Rural Sociological Society. Rural sociology. Fall 1982. v. 47 (3). p. 544-556. 20 ref. (NAL Call No.: 281.28 R88).

0662

Technological change, farm mechanization and agricultural employment : six papers

commissioned by the UCD Kellogg Program, Cooperative Extension, and the Giannini Foundation of Agricultural Economics.

(Berkeley) Division of Agricultural Sciences, University of California 1978. Cover title ~"Papers prepared for a workshop held on April 19, 1978, at the State Capitol in Sacramento.". iii, 243 p. : ill. ; 28 cm. - Includes bibliographical references. (NAL Call No.: HD1527.C2T4).

RURAL COMMUNITY SERVICES

0663

Agricultural labor in the 1980's; a survey with recommendations / prepared by Agricultural Employment Work Group, United States Department of Agriculture.

United States ~ Department of Agriculture ~ Agricultural Employment Work Group. Berkeley, Calif. University of California Division of Agricultural Sciences 1982. "First in a series of publications on Human Resources in Agriculture." iv, 19 p. ; 28 cm. (NAL Call No.: aHD1525.U5).

0664

The cost of beverage container litter to the agricultural sector in Tennessee (Includes farm labor hours).

Park, W.M. TFHSA. Knoxville : The Station. Tennessee farm and home science - Tennessee Agricultural Experiment Station. Oct/Dec 1981. Oct/Dec 1981. (120). p. 27-30. Includes references. (NAL Call No.: 100 T25F).

0665

An evaluation of economic gains of participants in the Hillsborough County's CETA programs (Employment training programs for reentry into the labor force New Hampshire).

Greenwood, P.H. Luloff, A.E. Durham, N.H. : The Station. Research report - New Hampshire, Agricultural Experiment Station. Aug 1983. Aug 1983. (95). 17 p. Includes references. (NAL Call No.: S89.E2).

0666

Farm people and social security : farmers and farm workers would pay into an insurance trust fund for monthly disability, retirement, and survivors insurance benefits / (written by E.J. Niederfrank).

Niederfrank, Evelon Joy. 1904. (Washington, D.C.?) U.S. Dept. of Agriculture 1949. 17 leaves : ill., 1 map ; 27 cm. - Includes bibliographical references. (NAL Call No.: MLCM 33/1449).

0667

Health care resource planning and development for migrant farm workers.

Michigan ~ Division of Health Care Systems. Lansing Division of Health Care Systems, Bureau of Personal Health Services, Michigan Dept. of Public Health (1978). Cover title: Meeting health needs of migrant farm workers in Michigan. 28 p., (1) leaf of plates : ill. ; 28 cm. (NAL Call No.: RA448.5.M5M52).

0668

Local government labor relations in nonmetropolitan areas.

Perkinson, L.B. Washington, D.C. : The Service. Abstract: Local governments with labor relations policies increased from 14 percent in 1972 to 17 percent in 1979. The number of labor agreements increased faster. The number of full-time employees with memberships in employee organizations increased during the period, but the percentage of employees belonging to organizations decreased to just over 50 percent. With few exceptions, a larger percentage of employees were members of employee organizations in metropolitan than in nonmetropolitan areas regardless of year or geographic region. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Dec 1981. Available from NTIS - order no. PB82-181-124. Dec 1981. (AGES811224). 25 p. 5 ref. (NAL Call No.: 916762(AGE)).

0669

Social security reform and labor supply / Alan L. Gustman, Thomas L. Steinmeier.

Gustman, Alan L. Steinmeier, Thomas L. Cambridge, Mass. NBER 1983. "October 1983. ~Original project title: "A simulation of the labor market effects of possible changes in the structure of social security. ~Supported by HHS grant no. R.A.-82-501. 45, 9 (7) p. ; 28 cm. - Bibliography: p. 44-45. (NAL Call No.: HB1.A2N3 no.1212).

0670

Social security taxation: impacts on farm operations and proposals for tax reform.

Jeremias, R.A. Durst, R.L. Washington, D.C. : The Service. Extract: Recent reforms have increased the social security tax burden on farmers and other self-employed workers. Some farmers are able to reduce their social security taxes by shifting their savings from farm to nonfarm investments, adjusting their use of debt, renting farmland to and from others, changing their hog- and cattle-raising practices, and incorporating their farm businesses. Each of these tax reduction methods can result in a misuse or misallocation of resources. Economic efficiency could be improved by changing the social security tax structure to eliminate existing incentives for the use of these tax-saving but inefficient business practices. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Available from NTIS, order no. PB85-134419. Nov 1984. (AGES840723). 42 p. Includes 20 references. (NAL Call No.: DNAL AGE 916762(AGE)).

0671

**Transportation alternatives in rural
communities: a feasibility analysis.**

Reinschmidt, L.L. Murray, S.W. Mississippi
State, The Station. Extract: Employee journey
to work costs and characteristics for three
rural industrial plants were estimated from
survey data. Carpools and vanpools were
examined as alternative transportation modes
for two plants using a lockset transportation
algorithm. Carpooling reduced commuting costs
for both plants, but vanpooling decreased costs
in one and increased costs in the other. Worker
population density affected carpool and vanpool
cost differences. AEC research report -
Mississippi Agricultural and Forestry
Experiment Station. Sept 1981. Sept 1981.
(126). 15 p. 10 ref. (NAL Call No.:
917031(AGE)).

DISTRIBUTION AND MARKETING

0672

A comparison of handling systems for fresh tomatoes from packing plant to retail store.
Mongelli, R.C. XMRRB. Washington, D.C., The Department. Extract: Labor, equipment, and materials costs were developed for 12 systems of handling, transporting, and delivering fresh tomatoes. The systems included four tomato handling methods (handstacked, palletized, pallet-pool, and slipsheet) from the packing plant to wholesale warehouses, three systems (handstacked, palletized, and mobile carts) for handling tomatoes from wholesaler to retailer, and one system used in the retail store. Marketing research report - United States, Dept. of Agriculture. July 1980. July 1980. (1111). 23 p. (NAL Call No.: 1 AG84MR).

0673

Connecticut can compete in greenhouse production with the sunbelt (Floriculture, costs of construction, energy and labor, marketing, competition).
Koths, J.S. Storrs : The Service. Connecticut greenhouse newsletter - University of Connecticut, Cooperative Extension Service. Oct 1983. Oct 1983. (118). p. 7-9. ill. (NAL Call No.: SB415.C625).

0674

Consumers and warehouse stores.
Gallo, Anthony E. Handy, Charles. Washington, USDA, National Economic Analysis Division, ESCS. Abstract: General and box-type warehouses vary greatly in service and products offered. They are a viable alternative to consumers who are willing to trade convenience for price. They sell no produce, meat or refrigerated items. Lower payroll costs reflect shorter hours, part-time and nonunion labor, and customer self-service bagging, marking and carryout. Warehouse usage and potential savings on total food cost will be influenced by trends in family size, inflation, employment, and income levels. National food review. Dec 1978. Dec 1978. p. 17-19. charts.

0675

The containerized vegetable transplant industry.
Miller, M.N. Smith, C.N. Gainesville, Fla., The Dept. Extract: An economic overview of the containerized vegetable transplant industry in Florida is presented in this report. Various facets of production, marketing, labor and general business conditions of the containerized vegetable transplant industry are discussed. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. Mar 1980. Mar 1980. (129). 18 p. 3 ref. (NAL Call No.: HD9007.F6F6).

0676

Costs of production and utilization of labor in the production of soybeans, Peru Soybean Project, 1979.
Harms, A.G. Urbana, Ill., The Department. Extract: This study covered all production areas in the Soybean Project. Sixty-three usable cost and labor utilization records were available for analysis but for most classifications the sample size was small. This fact needs to be kept in mind in using the results of the study. The 1978 study covered only four areas and thirteen farms. Illinois agricultural economics staff paper, series E, agricultural economics - Dept. of Agricultural Economics, University of Illinois. Apr 1981. Apr 1981. (81 E-162). 30 p. Includes ref. (NAL Call No.: 916937(AGE)).

0677

Costs of watermelon handling from grower to retailer.
XMRRB. Mongelli, R.C. Anthony, J.P. Jr.; Kindya, W.G.; Perry, A. Washington, D.C. : The Department. Marketing research report - United States, Dept. of Agriculture. June 1984. (1141). 18 p. ill. Includes references. (NAL Call No.: DNAL 1 AG84MR).

0678

The demand for farm output.
Dunn, J. Heien, D. Lincoln, Neb. : Western Agricultural Economics Association. Extract: This paper treats the demand for farm output as part of an interrelated factor demand system. The farm level outputs are meat, poultry, dairy, fruits and vegetables and other food. The processing and distribution inputs are labor, packaging, transportation and all other. Input demands are modelled using a restricted translog cost function which is conditional on capital stock in the processing sector. The results show that: each category of farm output demand is inelastic; capital stock is an important determinant of the demand for farm outputs and little substitution between outputs and other inputs; there is moderate substitution among the nonfarm inputs; and, increases in nonfarm input costs have significant negative effects on farm output demand. Western journal of agricultural economics. July 1985. v. 10 (1). p. 13-22. Includes 13 references. (NAL Call No.: DNAL AGE HD1750.W4).

0679

'Developing a lease program' (Interior landscape contractors, costs for plants, labor, supplies, delivery, maintenance and other facets of their operations).
Mitchell, J.A. Fort Worth, Tex. : Southern Florist Publishing Company. Southern florist and nurseryman. Dec 11, 1981. v. 94 (39). p. 22-23, 26-27. (NAL Call No.: 80 SD86).

0680

Estimated costs of packing and selling fresh Florida citrus, 1976-77 season.
 Hooks, R.C. Kilmer, R.L. Gainesville, Fla., The Department. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. June 1978. June 1978. (93). 18 p. 3 ref. (NAL Call No.: HD9007.F6F6).

0681

Estimated costs of packing and selling fresh Florida citrus, 1979-80 season.
 Hooks, R.C. Kilmer, R.L. Gainesville, Fla., The Dept. Extract: Packing costs for two 4/5-bu. cartons of Florida oranges and grapefruit were estimated at \$2.92 and \$2.89, an increase of 11.0 and 10.2 percent above 1978-79. Tangerine and tangelo packing costs for two 4/5-bu. cartons were estimated at \$3.74 and \$3.41, an increase of 11.7 percent for tangerines and 17.5 percent for tangelos. The 1979-80 estimates were based on accounting information obtained from 29 Florida packinghouses. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. June 1981. Predominantly tables. June 1981. (145). 18 p. 3 ref. (NAL Call No.: HD9007.F6F6).

0682

Food industry, government, labor and the American consumer in tomorrow's market place (USA).

Cain, J.L. Beltsville, Md., Food Distribution Research Society. Journal of food distribution research. Feb 1980. v. 11 (1). p. 14-27. ill. 14 ref. (NAL Call No.: HD9000.A1J68).

0683

He took his farm to the city.

Logsdon, G. Emmaus, Pa. : Regenerative Agriculture Association. The New farm. Sept/Oct 1985. v. 7 (6). p. 28-29, 39. (NAL Call No.: DNAL S1.N32).

0684

Inflation: is there a cure.

Washington, D.C., The Service. Farmland - United States Dept. of Agriculture, Economics and Statistics Service. Mar 1981. Mar 1981. v. 2 (2). p. 12-14. (NAL Call No.: aHD1401.A2U52).

0685

International trade and agricultural labor markets: discussion.
 Hirsch, H.G. Ames, Iowa, American Agricultural Economics Association. American journal of agricultural economics. May 1982. v. 64 (2). p. 362-363. (NAL Call No.: 280.8 J822).

0686

International trade and agricultural labor markets: discussion.

Carter, C.A. Ames, Iowa, American Agricultural Economics Association. American journal of agricultural economics. May 1982. v. 64 (2). p. 364-366. 3 ref. (NAL Call No.: 280.8 J822).

0687

International trade and agricultural labor markets: farm policy as quasi-adjustment policy.

Johnson, D.G. Ames, Iowa, American Agricultural Economics Association. Extract: This paper assumes that an important objective of agricultural policy, including international trade policy for agricultural products, is to increase the incomes of the farm population. Presumably if this objective is achieved, the decline in the farm labor force and population would be slowed down. The method or technique that is used to influence positively the number of persons making their livelihood from farming works by increasing the demand for resources that are used in agriculture. American journal of agricultural economics. May 1982. v. 64 (2). p. 355-361. 12 ref. (NAL Call No.: 280.8 J822).

0688

Is Leontief's paradox applicable to U.S. agricultural trade.

Schluter, G. Lee, G.K. College Station, Tex., Western Agricultural Economics Association. Abstract: The labor and capital intensities of U.S. agricultural trade during 1973, 1974, and 1976 are examined through an input-output model. The empirical results indicate that U.S. agricultural exports tend to be more capital intensive while agricultural imports are more labor intensive, a result counter to Leontief's paradox. Western journal of agricultural economics. Dec 1978. v. 3 (2). p. 165-172. Includes references.

0689

Labor production and transportation (Food distribution).

Walker, F. Beltsville, Md., Food Distribution Research Society. Journal of food distribution research. Feb 1979. v. 10 (1). p. 12-13. (NAL Call No.: HD9000.A1J68).

(DISTRIBUTION AND MARKETING)

0690

Labor productivity in food distribution.
Friedman, L. Grinnell, G. Washington, D.C., The Service. National food review NFR - United States Dept. of Agriculture, Economics and Statistics Service. Spring 1981. Spring 1981. (14). p. 13-15. 5 ref. (NAL Call No.: aHD9001.N275).

0691

The low price of imported products depends on more than cheap labor and subsidies (in ornamental horticulture and international trade, competitive advantage given imports was caused by a drastic change in the value of the dollar, USA, Netherlands).
Springer, G. Chicago, Ill. : Florists' Publishing Company. Florists' review. Mar 1, 1984. v. 174 (4500). p. 30-31. (NAL Call No.: 80 W41).

0692

Optimal organization of vegetable farms for alternative pumping rates, labor and capital, Texas High Plains / by Bob Davis and George Brian Fish.
Davis, Bob, 1938. Fish, George Brian. Lubbock, Tex. Dept. of Agricultural Economics, College of Agricultural Sciences, Texas Tech University 1977. 23 p. : map ; 23 cm. - Bibliography: p. 23. (NAL Call No.: HD1755.T4C6 no.T-1-154).

0693

Productivity potential in dry grocery warehouses.

Grinnell, G. Friedman, L. Washington, The Department. Extract: Food distributors in the United States could substantially improve their productivity by making better use of existing technology. Direct labor costs could have been reduced by \$700 million in 1981 by changing work assignments, obtaining a more balanced day-to-day workload, using new equipment, increasing use of unitized loads, altering some product handling practices, and partially mechanizing, according to this study of dry grocery warehouses. Agricultural economic report - U.S. Dept. of Agriculture. Mar 1982. Available from NTIS. Mar 1982. (484). 19 p. 21 ref. (NAL Call No.: A281.9 AG8A).

0694

Research opportunities to increase labor productivity (Food distribution).
Bishop, W. Beltsville, Md., Food Distribution Research Society. Journal of food distribution research. Feb 1979. v. 10 (1). p. 8-11. (NAL Call No.: HD9000.A1J68).

0695

Sensitivity of selected factors on costs of retort pouch packaging systems.
Williams, J.R. Steffe, J.F.; Black, J.R. East Lansing, Mich., The Department. Extract: The sensitivity of costs of a retort pouch system is tested as a function of selected factors. These factors include energy prices, energy consumption in retorting, container prices, labor use, wage rates, transport distances and discount rates. The price of retort pouch and can containers affects the cost of the packaging systems comparatively more than the other variables considered. Energy consumption reductions in retorting pouches is comparatively less significant. However, retort pouch packaging systems are less energy intensive than canning systems and have some comparative cost advantages attributed to operating the packaging system which should increase as real energy prices rise. Agricultural economics staff paper - Michigan State University, Dept. of Agricultural Economics. June 22-25, 1982. June 22-25, 1982. (82-55). 24 p. Includes 12 references. (NAL Call No.: 918134(AGE)).

0696

Trade adjustment assistance and labor displacement in the U.S. sugar industry.
Harbert, L. Blandford, D. Ithaca, N.Y., The Station. Cornell agricultural economics staff paper. New York (State). Cornell Agricultural Experiment Station, Ithaca. July 1979. July 1979. (79-20). 12 p. ill. 9 ref. (NAL Call No.: HD1407.C6).

0697

Trade in products and international migration in seasonal labor markets.
Emerson, R.D. Ames, Iowa, American Agricultural Economics Association. Extract: The issues addressed in this paper are the relationships between agricultural product markets and agricultural labor markets for seasonal products, particularly in relation to international movements of products and factors of production. American journal of agricultural economics. May 1982. v. 64 (2). p. 339-346. 14 ref. (NAL Call No.: 280.8 J822).

0698

U.S. fresh market vegetable statistics, 1949-80.
United States ~ Dept. of Agriculture ~ Economic Research Service ~ National Economics Division. Washington, D.C., The Department. Extract: This statistical bulletin reports historical data on the U.S. fresh vegetable market, generally covering the years 1949 through 1980. Production, consumption, acreage, price, export, and import data are reported on asparagus, snap beans, broccoli, cabbage, carrots, cauliflower, celery, sweet corn,

cucumbers, lettuce, onions, green peppers, tomatoes, and melons. Data sources include the Statistical Reporting Service, Economic Research Service, the Bureau of Labor Statistics, and the Bureau of the Census. Statistical bulletin - United States Dept. of Agriculture. June 1982. Tables only. Available from NTIS - order no. PB82-210-121. June 1982. (688). 108 p. (NAL Call No.: 1 AG84ST).

0699

The 1983 independent truckers' strike: an assessment of the effects on the Florida produce industry.

Beilock, R. Comer, D.; Butler, V. Gainesville, Fla. : The Stations. Extract: In 1983 the Independent Truckers Association staged a strike in opposition to federal fuel and road use tax increases for heavy trucks. Truck brokers and shippers were surveyed regarding preparations made for the strike, the percent of carriers which went on strike, delays, and incidence of orders lost during the strike. The results indicate that receivers stockpiled commodities in order to dampen the impact of the strike. This increased demand, resulted in shipment increases rather than decreases. Shippers took advantage of capacity available on the railroads to augment truck shipment. Although after the strike shipments via railroad decreased, they were at a higher level than before the strike. Economics report - University of Florida, Agricultural Experiment Stations. Oct 1983. Oct 1983. (108). 43 p. Includes 7 references. (NAL Call No.: HD9220.F63F6).

GRADING, STANDARDS, LABELLING

0700

Demands on forest resources in the harvest labor force in the Tennessee Valley.
Barnett, P.E. Curtin, D.T. Nashville, J. H. Baird Pub. Co. Southern lumberman. Dec 15, 1979. v. 239 (2968). p. 115-116. ill. (NAL Call No.: 99.81 S082).

0701

The Oregon wood products labor force.
Stevens, Joe B. Corvallis Agricultural Experiment Station, Oregon State University 1978. 183 p. : ill. -. (NAL Call No.: 100 Or3M No.529).

0702

Six views about a wood products labor force, most of which may be wrong.
Stevens, J.B. Washington, D.C., Society of American Foresters. Journal of forestry. Nov 1979. v. 77 (11). p. 717-720. ill. 6 ref. (NAL Call No.: 99.8 F768).

CONSUMER ECONOMICS

0703

Components of labor productivity growth in the food system, 1958-67.

Schluter, G. Beeson, P. Amsterdam, North-Holland Publishing Co. Abstract: This paper reviews the Howe, Schluter and Handy (HSH) technique which uses an input-output model to study changes in labor productivity in the food system. It then introduces a factoring technique to solve for the contribution to total productivity of each variable in the HSH technique. The Review of economics and statistics. Aug 1981. v. 63 (3). p. 378-384. 11 ref. (NAL Call No.: 251.8 R32).

389.8 F7398).

0707

Food industry, government, labor and the American consumer in tomorrow's market place (USA).

Cain, J.L. Beltsville, Md., Food Distribution Research Society. Journal of food distribution research. Feb 1980. v. 11 (1). p. 14-27. ill. 14 ref. (NAL Call No.: HD9000.A1J68).

0704

Data problems in the BLS/CES PU-2 diary tape: the Wisconsin 1972-73 CES diary tape (Bureau of Labor Statistics/ Consumer Expenditure Survey).

Buse, R.C. Madison, The Department.

Agricultural economics staff paper - University of Wisconsin, Department of Agricultural Economics. July 1979. July 1979. (164). 70 p. Includes ref. (NAL Call No.: HD1401.W57).

0705

Data problems in the 1972-73 BLS diary survey public use tapes (Bureau of Labor Statistics).

Buse, R.C. Mann, J.S.; Salatene, L. Madison, The Department. Agricultural economics staff paper - University of Wisconsin, Department of Agricultural Economics. Oct 1978. Oct 1978. (152). 40 p. (NAL Call No.: HD1401.W57).

0706

Energy considerations in translating cattle into edible beef.

Yorks, T.P. Ward, G.M.; Cramer, D.A. Chicago, Institute of Food Technologists. Abstract: Energy is consumed and losses occur in the distribution and consumption of beef. Shrink, bruising, and death losses occur during transport of animals, and dressing and trim losses occur at slaughter. Losses can be reduced at the fat separation processing by using central fabrication, boxed beef, and boning before the carcass is cooled. Shrink and spoilage can be reduced with polyvinylchloride films, vacuum packaging, improved retail store sanitation and temperature control, and freezing. Labor saving machinery in slaughter, increased refrigeration efficiency, hot-boning to reduce shipment weights, and use of rail transport can reduce energy requirements. Consumer spending for food purchase and storage consumes the most energy because of gasoline costs for shopping trips and electricity costs for freezer or refrigerator storage. Only about 29% of the liveweight is actually consumed, but reduction of waste through central fabrication of retail products and commercial sale of frozen beef could utilize 21% more. (kbc). Food technology. May 1980. v. 34 (5). p. 54-55, 58, 60, 62-63. ill., charts. 30 ref. (NAL Call No.:

FARM

0708

Consumers and warehouse stores.

Gallo, Anthony E. Handy, Charles. Washington, USDA, National Economic Analysis Division, ESCS. Abstract: General and box-type warehouses vary greatly in service and products offered. They are a viable alternative to consumers who are willing to trade convenience for price. They sell no produce, meat or refrigerated items. Lower payroll costs reflect shorter hours, part-time and nonunion labor, and customer self-service bagging, marking and carryout. Warehouse usage and potential savings on total food cost will be influenced by trends in family size, inflation, employment, and income levels. National food review. Dec 1978. Dec 1978. p. 17-19. charts.

0709

Is Leontief's paradox applicable to U.S. agricultural trade.

Schluter, G. Lee, G.K. College Station, Tex., Western Agricultural Economics Association. Abstract: The labor and capital intensities of U.S. agricultural trade during 1973, 1974, and 1976 are examined through an input-output model. The empirical results indicate that U.S. agricultural exports tend to be more capital intensive while agricultural imports are more labor intensive, a result counter to Leontief's paradox. Western journal of agricultural economics. Dec 1978. v. 3 (2). p. 165-172. Includes references.

0710

Trade adjustment assistance and labor displacement in the U.S. sugar industry.

Harbert, L. Blandford, D. Ithaca, N.Y., The Station. Cornell agricultural economics staff paper. New York (State). Cornell Agricultural Experiment Station, Ithaca. July 1979. July 1979. (79-20). 12 p. ill. 9 ref. (NAL Call No.: HD1407.C6).

PLANT PRODUCTION - GENERAL

0711

Buying (tobacco) plants from Florida makes setting more efficient and frees labor, say these S.C. (South Carolina) growers.
Hartwig, L. Raleigh, N.C., Specialized Agricultural Publications. The Flue cured tobacco farmer. Mar 1979. v. 16 (3). p. 26-27. ill. (NAL Call No.: SB273.A1F58).

0712

Flue-cured tobacco harvest labor.
Hoover, Dale M. Perkinson, Leon Burton.; 1941. Raleigh Dept. of Economics and Business, North Carolina State University 1977. 184 p. : ill. ; 23 cm. - Bibliography: p. 147-149. (NAL Call No.: HD1775.N8N6 No.38).

PLANT PRODUCTION - HORTICULTURAL CROPS

0713

Apprenticeship (grounds maintenance) programs (developed by the U.S. Department of Labor).
Kemmerer, H. Overland Park, Kan., Intertec. Grounds maintenance. Mar 1980. v. 15 (3). p. 32, 35, 38, 42. ill. (NAL Call No.: SB476.G7).

0714

Beat the union by making it unnecessary (Fruit and vegetable industry, labor problems, California as an example).
Mendez, A. (s.l., s.n.). Proceedings of the ... annual meeting - New York State Horticultural Society. 1980. v. 125 (125th). p. 82-86. (NAL Call No.: 81 N484).

0715

Conditions and consequences of lettuce harvest mechanization (Impact on labor force, California, Arizona).
Friedland, W.H. Barton, A.E. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. Apr 1979. v. 14 (2). p. 110-113. ill. 14 ref. (NAL Call No.: SB1.H6).

0716

Conference summary and observations (Research Workers Conference on Strawberry Mechanization, University of Arkansas, 1979).
Martin, L.W. Corvallis, The Station. Station Bulletin - Agricultural Experiment Station, Oregon State University. Aug 1980. Aug 1980. (645). p. 243-246. (NAL Call No.: 100 OR3).

0717

Connecticut can compete in greenhouse production with the sunbelt (Floriculture, costs of construction, energy and labor, marketing, competition).
Koths, J.S. Storrs : The Service. Connecticut greenhouse newsletter - University of Connecticut, Cooperative Extension Service. Oct 1983. Oct 1983. (118). p. 7-9. ill. (NAL Call No.: SB415.C625).

0718

Economy in propagation: using labor efficiently (Horticulture).
Baldwin, I. ANURA. Stanley, J. Chicago : American Nurseryman Publishing Co. American nurseryman. Mar 1, 1981. v. 153 (5). p. 18, 33-34. ill. (NAL Call No.: 80 AM371).

0719

Effects of shifts in prices of land, labor, and capital on the cost of growing pfitzer juniper.
Smith, C.N. McConnell, D.B. S.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 91-93. Includes 4 ref. (NAL Call No.: 81 F66).

0720

Efficient production in propagation (Nursery business, labor cost reduction).
Drum, P. Wilde, J.; Schumacher, D.; Knosher, G. Boulder, Colo., The Society. Combined proceedings - International Plant Propagators' Society. 1979. v. 29. p. 280-284. (NAL Call No.: 451 P692).

0721

Estimated costs of packing and selling fresh Florida citrus, 1976-77 season.
Hooks, R.C. Kilmer, R.L. Gainesville, Fla., The Department. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. June 1978. June 1978. (93). 18 p. 3 ref. (NAL Call No.: HD9007.F6F6).

0722

Foreign workers--a question of property rights (Apple harvest labor, New York).
Fisher, D.U. n.p. Proceedings of the ... annual meetingNew York State Horticultural Society. 1979. 1979. 124th. p. 92-96. 4 ref. (NAL Call No.: 81 N484).

0723

Harvest management at Chick Orchards (Apple picking workers in Maine).
Chick, N. North Amherst, Mass. : The Association. New England fruit meetings ... Proceedings of the ... annual meeting - Massachusetts Fruit Growers' Association. 1984. 1984. (90th). p. 44-46. (NAL Call No.: 81 M384).

0724

Harvest preparation and technique (Fruit production, labor picking techniques).
Henri, R. Portland, Ore., The Society. Annual report - Oregon Horticultural Society. 1980. v. 71. p. 34, 36, 38, 40. (NAL Call No.: 81 OR32).

(PLANT PRODUCTION - HORTICULTURAL CROPS)

0725

Harvesting techniques (Cherries, pears, apples, migratory hand laborers).

Wells, J. Portland, Ore., The Society. Annual report - Oregon Horticultural Society. 1980. v. 71. p. 28, 30, 32, 34. (NAL Call No.: 81 DR32).

0726

He took his farm to the city.

Logsdon, G. Emmaus, Pa. : Regenerative Agriculture Association. The New farm. Sept/Oct 1985. v. 7 (6). p. 28-29, 39. (NAL Call No.: DNAL S1.N32).

0727

Increased mechanical harvesting and labor costs boost interest in paper mulch (Florida's tomato, pepper, cucumber and eggplant production).

Woods, C. Raleigh, N.C., Specialized Agricultural Publications. Florida grower and rancher. Feb 1979. v. 72 (2). p. 6,8. ill. (NAL Call No.: 80 F6622).

0728

Labor-input requirements for experimental production of summer peppers under drip irrigation (Puerto Rico).

Goyal, M.R. JAUPA. Rio Piedras : University of Puerto Rico, Agricultural Experiment Station. The Journal of agriculture of the University of Puerto Rico. Jan 1983. v. 67 (1). p. 22-27. (NAL Call No.: 8 P832J).

0729

Optimal organization of vegetable farms for alternative pumping rates, labor and capital, Texas High Plains / by Bob Davis and George Brian Fish.

Davis, Bob, 1938. Fish, George Brian. Lubbock, Tex. Dept. of Agricultural Economics, College of Agricultural Sciences, Texas Tech University 1977. 23 p. : map ; 23 cm. - Bibliography: p. 23. (NAL Call No.: HD1755.T4C6 no.T-1-154).

0730

Orchard labor--"food for thought"--a look into the ever-pressing problems facing growers with employment and the economy.

Wiegman, E. Wenatchee. Proceedings - Washington State Horticultural Association. 1980. 1980. (76th). p. 159-162. (NAL Call No.: 81 W273).

0731

Production labor saving devices & methods (for mechanization in the greenhouse).

Bartok, J.W. Jr. Lansing, Mich. : The Conference. Proceedings - International Bedding Plant Conference. 1982. Paper presented at the 15th International Bedding Plant Conference, October 2-7, 1982, Orlando, Florida. 1982. (15th). p. 177-182. ill. (NAL Call No.: SB443.N3).

0732

Prune with a purpose.

Acuff, G. Willoughby, Ohio : Meister Publishing Company. American fruit grower. Nov 1984. v. 104 (11). p. 8-9. ill. (NAL Call No.: DNAL 80 G85).

0733

Research workers promotion of the nursery industry (Virginia Truck and Ornamentals Research Station).

Milbocker, D.M. Elstrodt, C.J. Nashville, The Association. Proceedings of SNA Research Conference - annual report. Southern Nurserymen's Association. 1979. 1979. (24th). p. 268. (NAL Call No.: SB403.S68).

0734

Response to incentive pay among vineyard workers.

CAGRA. Billikopf, G.E. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. July/Aug 1985. v. 39 (7/8). p. 13-14. ill. (NAL Call No.: DNAL 100 C12CAG).

0735

Status of harvest mechanization of the fruit and nut crops in the United States.

Johnson, S.S. Zahara, M. Washington, D.C., The Service. Extract: The study examines the status of harvest mechanization of the major fruit and tree nut crops in the United States. Mechanization has progressed further with fruit crops for processing (38 percent machine harvested) than with fruits for the fresh market (less than 1 percent machine harvested). More than 90 percent of the tree nut crops are machine harvested. The effect of machine introduction on labor use is indicated by labor-displacement ratios: these range from 3:1 to 33:1 for fruit, and from 5:1 to 12:1 for nuts. A set of predictions of mechanization made in 1968 was generally over-optimistic, which indicates the difficulty of predicting technological change. The Fruit situation TFS - United States Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. Mar 1980. Mar 1980. (214). p. 51-55. 14 ref. (NAL Call No.: 1.9 EC752F TFS).

(PLANT PRODUCTION - HORTICULTURAL CROPS)

0736

United States fruit and vegetable harvest
mechanization and labor use projections to
1990.

HJHSA. Johnson, S.S. Zahara, M. Alexandria, Va.
: American Society for Horticultural Science.
HortScience. Feb 1985. v. 20 (1). p. 23-28.
Includes 27 references. (NAL Call No.: DNAL
SB1.H6).

PLANT PRODUCTION - FIELD CROPS

0737

An analysis of the demand for inputs in cotton production at the Southeast Georgia Branch Station (Emphasis on labor, machinery, fertilizer, pesticides and seed, mathematical models).

Bishop, K.C. Saunders, F.B.; Wetzstein, M.E.; Perry, C.E. Athens, Ga. : The Stations. Research bulletin - University of Georgia, Experiment Stations. June 1984. June 1984. (312). 26 p. Includes 33 references. (NAL Call No.: S51.E2).

0738

An analysis of the demand for inputs in peanut production at the Southwest Georgia Branch Station (Emphasis on labor, machinery, fertilizer, pesticides and seed, mathematical models).

Bishop, K.C. Saunders, F.B.; Wetzstein, M.E.; Moss, R.B. Athens, Ga. : The Stations. Research bulletin - University of Georgia, Experiment Stations. June 1984. June 1984. (310). 26 p. Includes 30 references. (NAL Call No.: S51.E2).

0739

A corn-belt farming system which saves harvest labor by hogging down crops by J.A. Drake . -. Drake, J. A. Washington, D.C. : U.S. Dept. of Agriculture, 1917. 14 p. : ill. -. (NAL Call No.: DNAL Fiche S-70 no.614 1917).

0740

Cotton production under risk: an analysis of input effects on yield variability and factor demand.

Farnsworth, R.L. Moffitt, L.J. College Station, Tex., Western Agricultural Economics Association. Extract: The risk flexible production model developed by Just and Pope is estimated for the case of cotton in California's San Joaquin Valley and the implications of the model for factor demand are examined. Results indicate risk-reducing roles for farm machinery, labor, and fertilizer in contrast to restrictions imposed by traditional stochastic production specifications. Qualitative assessment of estimated risk effects on factor employment under risk aversion are evaluated by comparison to the risk-neutral solution. Western journal of agricultural economics. Dec 1981. v. 6 (2). p. 155-163. 10 ref. (NAL Call No.: HD1750.W4).

0741

Flue-cured tobacco mechanization and labor impacts of alternative production levels / by Frederic L. Hoff ... et al. . -. Hoff, Frederic L. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, 1977. vi, 24 p. : ill., map -. Bibliography: p.

22. (NAL Call No.: DNAL Fiche S-81 no.368).

0742

Oats production practices in selected states, 1978 (Land, farm, costs, labor, equipment). Lagrone, W.F. NE-ESCS-NRED. Krenz, R.D. Lincoln, The Department. Report - Department of Agricultural Economics, University of Nebraska. July 1980. July 1980. (106). 33 p. Includes bibliography. (NAL Call No.: 281.9 N27).

0743

Opportunities for increasing production efficiency in intensive crop-sheep production systems (Income, labor costs, and returns by enterprise, Kentucky).

Glimp, H.A. Boulder, Colo. : Westview Press. Sheep and goat handbook. 1984. v. 4. p. 341-347. (NAL Call No.: SF371.S43).

0744

Saving man labor in sugar-beet fields L.A. Moorhouse and T.H. Summers . -.

Moorhouse, L. A. Washington, D.C. : U.S. Dept. of Agriculture, 1928. 14 p. : ill. -. (NAL Call No.: DNAL Fiche S-70 no.1042 1928).

0745

A simulation of labor and equipment in harvesting burley tobacco (Computer model).

Bingner, R.L. Wells, L.G.; Bridges, T.C.; Duncan, G.A. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1981. Paper presented at the 1981 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1981. (fiche no. 81-3058). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0746

Status of family and hired labor use in stripping burley tobacco leaf in Kentucky.

Hallaron, J.L. Shuffett, D.M.; Bradford, G.; Rudd, R.W. Lexington, The Station. Staff paper - University of Kentucky, Dept. of Agricultural Economics. Jan 1979. Jan 1979. (80). 31 p. 4 ref. (NAL Call No.: 917112(AGE)).

(PLANT PRODUCTION - FIELD CROPS)

0747

Systems dynamics of energy crops (Energy crop and conventional crop competing for resources, inputs, timing for labor and machinery, weather, Purdue Crop Budget Model B-10).
Bender, D.A. Peart, R.M.; Bagby, M.O. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1982. Paper presented at the 1982 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1982. (fiche no. 82-3089). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0748

Tobacco outlook: trends in production cost and quota rent (Labor, equipment, chemicals, fuel, storage, USA).
Loyd, M.I. Washington, D.C., U.S. Government Printing Office. Proceedings - Agricultural Outlook Conference, Washington, D.C. 1979. 1979. (1980). p. 327-330. (NAL Call No.: 1.90 C20U8).

PLANT PRODUCTION - RANGE

0749

Harvesting hay with the sweep-rakea means by
which hay-growers may save labor /Arnold P.
Yerkes, H.B. McClure. -.
Yerkes, Arnold P. Washington, D.C. : U.S. Dept.
of Agriculture, 1917. 12 p. : ill. -. (NAL Call
No.: DNAL Fiche S-70 no.838).

PROTECTION OF PLANT PRODUCTS - GENERAL AND MISC.

0750

The Exploding of the grain belt : an action program for the American Federation of Grain Millers.

(Washington, D.C.) AFL-CIO, Food and Beverage Trades Dept. (1980?). Cover title ~Funded by U.S. Dept. of Labor, Occupational Safety and Health Administration under Grant no. E9F9D126. 64 p. : ill., map ; 28 cm. (NAL Call No.: HD7262.5.U6E94).

0751

Summary of a workshop on managing nursery labor during lifting and packing (Tree seedlings).
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WEEDS

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Tillage & herbicide application costs of weed control.

Fogle, V. Bozeman, Mont. : The Service.
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1983. (8312). 2 p. (NAL Call No.: DNAL
S544.3.M9M65).

PESTICIDES - GENERAL

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Shulman, R. Berkeley, Cooperative Extension. Leaflet - Division of Agricultural Sciences, University of CaliforniaCalifornia. University, Berkeley. Cooperative Extension. Feb 1979. Feb 1979. (21078). 4 p. Includes bibliography. (NAL Call No.: S544.3.C2C3).

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Progress in pesticide worker safety in California (Agricultural safety).
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PWHA. Morrison, S. Wenatchee, Wash. : The Association. Proceedings - Washington State Horticultural Association. 1984. (80th). p. 46, 48, 50, 52, 54, 56, 58. (NAL Call No.: DNAL 81 W273).

SOIL CULTIVATION

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**Energy conservation through reduced tillage
(Horsepower, fuel and labor requirements).**
Mitchell, W.H. Williams, T.H. Beltsville, Md.,
The Society. Proceedings - annual meeting of
the Northeastern Weed Science
Society. Northeastern Weed Science Society.
1980. v. 34. p. 76-81. ill. 6 ref. (NAL Call
No.: 79.9 N814).

SOIL EROSION AND RECLAMATION

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Assessing the potential for conservation tillage: a case study in the Maple Creek watershed.

Casper, H.R. Erickson, M.W.; Hoover, H. Washington, D.C. : The Service. Extract: A case study of the selected areas shows about 95 percent of the soils are suitable for all forms of conservation tillage. Critical erosion areas are lands of 12 to 13 percent slope. These lands comprise one-fourth of the land but contribute over half the total sediment. Preharvest costs are shown for four tillage methods. Labor, energy and other inputs for reduced, no-till and conventional tillage are compared for nonirrigated corn production. Major obstacles to adoption prior to the project were low perceptions of major erosion problems and low cost-share rates. Most operators were using some non-cost shared practices. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Jan 1983. Available from NTIS, order no PB83-209296. Jan 1983. (AGES821231). 34 p. Includes 11 references. (NAL Call No.: 916762(AGE)).

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Garlitz, N.M. Washington, D.C. : The Service. Soil & water conservation news - United States Dept. of Agriculture, Soil Conservation Service. May 1985. v. 6 (2). p. 8-9. (NAL Call No.: DNAL aS622.S6).

FORESTRY RELATED

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Labor turnover in the Appalachian lumber
industry / by Charles Hrach Wolf.
Wolf, Charles Hrach, 1944. Ann Arbor, Mich.
University Microfilms International 1977.
Thesis--University of Massachusetts, 1975.
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156 leaves. Bibliography: leaves 131-137. (NAL
Call No.: DISS 76-5,300).

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What shapes? Your shearing will determine the silhouette of your (Christmas) tree (Includes safety precautions for workers).

Pourchot, L.L. Milwaukee, National Christmas Tree Growers' Association. American Christmas tree journal. May 1979. v. 23 (2). p. 40. ill. (NAL Call No.: 99.9 C46).

FORESTRY PROD. - ARTIFICIAL REGENERATION

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A labor-saving container handling system (For tree seedling nurseries).

Slagle, G.E. Loucks, W.L. Washington, D.C. : The Service. Tree planters' notes - United States, Forest Service. Winter 1984. v. 35 (1). p. 6-9. ill. Includes references. (NAL Call No.: 1.962 C5T71).

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Ohio Christmas tree producers manual.

Brown, James H. Cowen, William F.; Heiligmann, Randall B. 1981. This discusses planning, management, and harvesting of Christmas trees. It also includes tables on site and species selection, labor and equipment requirements, and Christmas tree grades. Document available from: Ext. Office of Information, Ohio State University, 2120 Fyffe Road, Columbus, OH 43210. 40 p. : ill. (NAL Call No.: Not available at NAL).(NAL Call No.: 670).

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Summary of a workshop on managing nursery labor during lifting and packing (Tree seedlings).

Brissette, J.C. (Atlanta, Ga.) : The Region. Technical publication R8-TP - USDA Forest Service, Southern Region. Aug 1983. Proceedings of the 1982 Southern Nursery Conferences. Aug 1983. (4). p. 301-302. (NAL Call No.: aSD11.U5962).

FORESTRY PROD. - HARVESTING AND ENGINEERING

0764

The disabled worker in forestry.

Frykman, B. UNASA. Rome : Food and Agriculture Organization of the United Nations. Unasylva. 1982. v. 34 (136). p. 11-14. Includes references. (NAL Call No.: 99.8 UN1).

FOREST MANAGEMENT

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Characteristics of independent loggers: productivity, employees, profitability.
FPJDA. Sinclair, S.A. Hassler, C.C.; Bolstad, K.; Kallio, E. Madison, Wis. : Forest Products Research Society. Forest products journal. May 1985. v. 35 (5). p. 19-24. ill. Includes 16 references. (NAL Call No.: DNAL 99.9 F7662U).

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Nosse, R.A. JOARD. Urbana : International Society of Arboriculture. Journal of arboriculture. May 1983. v. 9 (5). p. 141-144. (NAL Call No.: SB436.J6).

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Braddock, A. Mathers, J.; Melle, A. Washington, D.C. : The Service. Fire management notes - United States Dept. of Agriculture, Forest Service. 1984. v. 45 (2). p. 16. ill. (NAL Call No.: DNAL 1 F766FI).

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Glenn, W.E. Atlanta, Ga., Technical Association of the Pulp and Paper Industry. TAPPI. Oct 1979. v. 62 (10). p. 13, 15. (NAL Call No.: 302.8 T162).

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Possible management pitfalls in the field of employee-employer relations (Forestry labor management).
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Survey economics (Computer programs, cost efficiency planning, forest surveys, lodging, driving and labor costs).
Grabinski, T. Washington : The Service. Engineering field notes - United States Forest Service, Engineering Staff. Apr/June 1983. v. 15. p. 9-19. (NAL Call No.: aSD388.A1U52).

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Hassler, C. Sinclair, S. Duluth, Minn., The Association. Timber bulletin - Timber Producers Association. June/July 1981. v. 36. p. 12-14. 11 ref. (NAL Call No.: 99.9 T482).

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Viewpoint of the woods worker (Forest labor, job satisfaction, supply and demand).
Warren, B.J. Washington, D.C., The Society. Proceedings of the Society of American Foresters. Society of American Foresters. 1979. 1979. p. 66-70. 7 ref. (NAL Call No.: 99.9 S013).

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Bond, R.S. Washington, D.C., The Society. Proceedings of the Society of American Foresters. Society of American Foresters. 1979. 1979. p. 59. (NAL Call No.: 99.9 S013).

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Birkeland, R. Richmond, Calif. : University of California, Forest Products Laboratory, (1979?). Proceedings, Sixth Wood Machining Seminar, October 15-17, 1979. p. 317-322. (NAL Call No.: TS802.W65 1979).

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Survey economics (Computer programs, cost efficiency planning, forest surveys, lodging, driving and labor costs).

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techniques and the U.S. forest products
industry United States .**

FPJOA. Leding, D. Bowyer, J.L. Madison, Wis. :
Forest Products Research Society. Forest
products journal. Nov/Dec 1984. v. 34 (11/12).
p. 13-22. illl. Includes 28 references. (NAL
Call No.: DNAL 99.9 F7662J).

FOREST PRODUCTS - WOOD

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**Characteristics of independent loggers:
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FPJOA. Sinclair, S.A. Hassler, C.C.; Bolstad,
K.; Kallio, E. Madison, Wis. : Forest Products
Research Society. Forest products journal. May
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FOREST PRODUCTS - PULP AND PAPER

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Labor bargaining focus on west (Canada, wood pulp and paper industry).
San Francisco, Miller Freeman. Pulp and paper. Jan 1981. v. 55 (1). p. 79-80. (NAL Call No.: 302.8 P11).

FIRE MANAGEMENT

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More women in fire management on the Black Hills National Forest.
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ANIMAL PRODUCTION

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Arkansas commercial egg budgets, 1982-83.
Estimated costs and returns at specified cost levels (Investment requirements, includes buildings, equipment, labor, cash flow).
Halbrook, W. Barton, L.; Fryar, E.; Lankford, L. Fayetteville : The Station. Special report - Agricultural Experiment Station, Cooperative Extension Service, University of Arkansas. Jan 1982. Jan 1982. (108). 40 p. ill. (NAL Call No.: 100 AR42SP).

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Broilers, hatching eggs give greatest return on labor, capital.
Lance, C. Sea Isle City, N.J. Extract: This article on broiler and broiler hatching egg production is part of a study made to compare economic differences among alternative contract poultry enterprises during a given time period. The study indicates that higher labor returns on investment come from hatching eggs and highest returns for owner labor are produced in broiler growing operations. This holds true for operations with investments of \$200,000 and less, but returns to labor from large automated table egg operations are higher due to improved labor efficiency from automated egg packing equipment and economies of size. Poultry digest. May 1981. v. 40 (471). p. 248-258. (NAL Call No.: 47.8 N219).

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Costs and returns for dairying today.
Faustett, Marvin R. Barnaby, G. A. & KSU farm management guides. 1981. This publication discusses the resources required for a dairy enterprise. Document available from: Kansas State University, Distribution Center, Umberger Hall, Manhattan, Kansas 66506. 4 p. (NAL Call No.: Not available at NAL). (NAL Call No.: MF-272).

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Indexes of prices paid by cattle ranchers in New Mexico, 1965 to 1980 (Costs of major items used in production, including feed, leases, labor, machinery, livestock, taxes, improvements).

Gray, J.R. Fowler, J.M. Las Cruces : The Station. Research report - New Mexico, Agricultural Experiment Station. Apr 1982. (470). 8 p. ill. 14 ref. (NAL Call No.: 100 N465R).

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Berg, Robert W. Document available from: University of Minnesota, Bulletin Room, 1420 Eckles Avenue, St. Paul, Minnesota 55108 1980. This publication discusses the costs of pullet production including chick cost, feed cost, housing, equipment, interest, energy costs, vaccination, labor, management, risk, and profit. 1 sheet. (NAL Call No.: Document available from source.). (NAL Call No.: Poultry 38).

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1981 estimated costs and returns for a 70 ewe flock.
Carkner, R.W. McReynolds, W.; Kraten, S. Pullman, Wash., The Service. Extract: A budget for a 70 ewe flock is presented in table form supported with a narrative explanation of assumptions and budget concepts. Eight tables are used to present the information, the last of which displays returns to land, labor and capital under various combinations of lamb prices and percent lamb crop weaned. Extension bulletin - Washington State University, Cooperative Extension Service. Apr 1981. Apr 1981. (0843). 10 p. (NAL Call No.: 275.29 W27P).

ANIMAL NUTRITION

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Glimp, H.A. Boulder, Colo. : Westview Press.
Sheep and goat handbook. 1984. v. 4. p.
341-347. (NAL Call No.: SF371.S43).

VETERINARY SCIENCE AND HYGIENE

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Labor supply behavior of animal workers:
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Battalio, R.C. Kagel, J.H.; Green, L.
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0794

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Koths, J.S. Storrs : The Service. Connecticut greenhouse newsletter - University of Connecticut, Cooperative Extension Service. Oct 1983. Oct 1983. (118). p. 7-9. ill. (NAL Call No.: SB415.C625).

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The benefits of a farm safety program.
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v. 38 (1/2). p. 26-27. (NAL Call No.: DNAL 100
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How safe is your food plant? (Work environment, injuries, U.S. Labor Department statistics).
Seligsohn, M. Radnor, Pa., Chilton Company.
Food engineering. Apr 1981. v. 53 (4). p.
103-106. ill. 1 ref. (NAL Call No.: 389.8
F737).

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Progress through standards in industry--their dynamic future (ASAE standards, manufacturing and agricultural operations, farm workers, USA).
Bellinger, P.L. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1982. Paper presented at the 1982 Winter Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1982. (fiche no. 82-5543). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

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Risk analysis--an approach to accident reduction (Agricultural jobs and workers, safety).
Roberts, D.L. Hammond, R.G.; Berry, W.E. St. Joseph, Mich. : The Society. Transactions of the ASAE - American Society of Agricultural Engineers. Nov/Dec 1983. v. 26 (6). p. 1691-1696. ill. Includes references. (NAL Call No.: 290.9 AM32T).

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Farm labor requirement (Federal and state safety and health standards, housing for migrant agricultural workers, United States, Georgia).

Atlanta : Department of Agriculture. Farmers & consumers market bulletin. Feb 8, 1984. v. 70 (6). p. 1, 16. (NAL Call No.: 280.39 G292).

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Relationship between size of farm and utilization of machinery, equipment and labor on Nebraska corn-livestock farms by Orlin J. Scoville.

Scoville, Orlin J. (Orlin James), 1911. Washington, D.C. U.S. Dept. of Agriculture 1951. 71 p. : ill. - Bibliography: p. 52-55. (NAL Call No.: Fiche S-69 no.1037).

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Adaptive agricultural equipment workshops in Michigan (Farm workers with physical disabilities).

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Hannon, J.U. Wilmington : Economic History Association at North Carolina State University. The Journal of economic history. Dec 1982. v. 42 (4). p. 825-845. 46 ref. (NAL Call No.: 277.8 J822).

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Conditions and consequences of lettuce harvest mechanization (Impact on labor force, California, Arizona).

Friedland, W.H. Barton, A.E. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. Apr 1979. v. 14 (2). p. 110-113. ill. 14 ref. (NAL Call No.: SB1.H6).

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Martin, L.W. Corvallis, The Station. Station Bulletin - Agricultural Experiment Station, Oregon State University. Aug 1980. Aug 1980. (645). p. 243-246. (NAL Call No.: 100 OR3).

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The cotton harvester in retrospect: labor displacement or replacement.

Peterson, W. Kislev, Y. St. Paul, Minn., The Department. Extract: In recent economics literature the prevailing view seems to be that new mechanical technology has displaced or forced labor out of agriculture. The mechanization of cotton harvesting is viewed by many as one of the clearest examples of labor push, particularly in the Southern States. We propose to use the mechanical cotton harvester as a test of the alternative hypothesis; namely, that labor exit was mainly due to increased real wages outside of agriculture and that machines were adopted in response to a reduction in labor supply. The period of the analysis is 1949-1964. Staff paper P - University of Minnesota, Dept. of Agricultural and Applied Economics. Sept 1981. Sept 1981. (P81-25). 15 p. 4 ref. (NAL Call No.: HD1761.A1M5).

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Hoff, Frederic L. Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, 1977. vi, 24 p. : ill., map -. Bibliography: p. 22. (NAL Call No.: DNAL Fiche S-81 no.368).

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Hay stackershow they may be used in the East and South to save labor / H.B. McClure . -.
McClure, Harry B. Washington, D.C. : U.S. Dept. of Agriculture, 1918. 23 p. : ill. -. Bibliography: p. 23. (NAL Call No.: DNAL Fiche S-70 no.1009).

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Induced innovations and farm mechanization.

Kislev, Y. Peterson, W. Lexington, Ky., American Agricultural Economics Association. Extract: This note discusses the newly emerging tradition of induced innovation and its relation to the alternative explanations of machine-labor substitution in agriculture. American journal of agricultural economics. Aug 1981. v. 63 (3). p. 562-565. 8 ref. (NAL Call No.: 280.8 J822).

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Labor, machinery, and stress management: what are the alternatives.

Kliebenstein, J.B. Columbia, Missouri, The Department. Extract: This paper reviews problems to be aware of when making farm labor and machinery decisions. It overviews characteristics of agricultural labor, its effective use, and presents some ideas on managing hired labor. Points on machinery selection and finally, a brief discussion on stress management is presented. Paper - University of Missouri-Columbia, Dept. of Agricultural Economics. Aug 1, 1981. Aug 1, 1981. (1981-29). 31 p. (NAL Call No.: 917437(AGE)).

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Lettuce harvest mechanization.

Lester, J. (comp.). Davis, Calif., The Service. Economic and social issues - California University, Berkeley, Cooperative Extension Service. Apr/May 1979. Apr/May 1979. 4 p. 4 ref. (NAL Call No.: HD1775.C2C32).

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Martin, P.L. Johnson, S.S. Davis, Calif., The Service. Economic and social issues - California University, Berkeley, Cooperative Extension Service. Oct/Nov 1978. Oct/Nov 1978. 3 p. (NAL Call No.: HD1775.C2C32).

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Merritt, J. Watkins Glen, N.Y., Eastern Grape Grower Magazine, Inc. Eastern grape grower & winery news. Apr 1979. v. 5 (2). p. 26-29. ill. (NAL Call No.: SB387.E2).

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Occupational safety and health in the 1980s (Hawaii Workers' Compensation Law).

Knoll, R.J. Aiea, Hawaii, The Technologists. Reports...Annual conference - Hawaiian Sugar Technologists. 1981. 1981. (39th). p. 26-27. (NAL Call No.: 65.9 H317).

0816

Of men and machines: technological change and people in agriculture. II. Changes in hired farm labor and in rural communities.

Scheuring, A.F. CA. Thompson, O.E. Berkeley, The Station. California agriculture. California. Agricultural Experiment Station. Feb 1980. v. 34 (2). p. 7-9. ill. (NAL Call No.: 100 C12CAG).

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Production labor saving devices & methods (for mechanization in the greenhouse).

Bartok, J.W. Jr. Lansing, Mich. : The Conference. Proceedings - International Bedding Plant Conference. 1982. Paper presented at the 15th International Bedding Plant Conference, October 2-7, 1982, Orlando, Florida. 1982. (15th). p. 177-182. ill. (NAL Call No.: SB443.N3).

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Johnson, S.S. Zahara, M. Washington, The Service. The vegetable situation TVS - U.S. Dept. of Agriculture, Economics Statistics, and Cooperatives Service. Feb 1980. Feb 1980. (215). p. 29-33. 20 ref. (NAL Call No.: 1.9 EC752F TVS).

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Technological change, farm mechanization and agricultural employment : six papers commissioned by the UCD Kellogg Program, Cooperative Extension, and the Giannini Foundation of Agricultural Economics. (Berkeley) Division of Agricultural Sciences, University of California 1978. Cover title ~"Papers prepared for a workshop held on April 19, 1978, at the State Capitol in Sacramento.". ill., 243 p. : ill. ; 28 cm. - . Includes bibliographical references. (NAL Call No.: HD1527.C2T4).

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University involvement in social impact analysis of changing agricultural technologies: tobacco harvest mechanization in the southeast. Perkinson, L.B. Hoover, D.M. Boulder, Colo. : Westview Press, c1984. The Social consequences and challenges of new agricultural technologies / edited by Gigi M. Berardi and Charles C. Geisler. Integrated reference list, p. 337-376. p. 163-180. (NAL Call No.: DNAL S441.S68).

ENERGY RESOURCES - GENERAL

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Energy and labor use by rural manufacturing industries.
Smith, E.J. Washington, D.C., The Service.
Rural development research report - United
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NTIS order no. PB81-182-412. Feb 1981. (26). 21
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Fluck, R.C. St. Joseph, Mich., The Society.
Transactions of the ASAE - American Society of
Agricultural Engineers. Nov/Dec 1981. v. 24
(6). p. 1449-1455. Includes 48 ref. (NAL Call
No.: 290.9 AM32T).

CONSERVATION AND USE OF ENERGY

0823

Effects of energy development on secondary labor markets in North Dakota.
NDFRA. Halstead, J.M. Leistritz, F.L. Fargo, N.D. : The Station. North Dakota farm research - North Dakota, Agricultural Experiment Station. Sept/Oct 1984. v. 42 (2). p. 28-32. Includes references. (NAL Call No.: DNAL 100 N813B).

60, 62-63. ill., charts. 30 ref. (NAL Call No.: 389.8 F7398).

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Energy and labor intensities projected to the year 2010 / by Bruce Hannon and Andrew R. Pleszkun.

Hannon, Bruce M. Pleszkun, Andrew R. (Washington) U.S. Dept. of Energy, Division of Buildings and Community Systems Springfield, Va. available from National Technical Information Service 1978. Prepared by Energy Research Group, University of Illinois at Urbana-Champaign, under contract no. EM-78-S-02-4628. viii, 154 p. : ill. ; 28 cm. - Bibliography: p. 79. (NAL Call No.: HD9502.U52H35).

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Kjelgaard, W.L. New Orleans : Agricultural Research Service. Proceedings - Southern Pasture and Forage Crop Improvement Conference. Feb 1983. Symposium on Silage from Seed to Feed and Recycled Waste. Feb 1983. (38th). p. 13-17. Includes references. (NAL Call No.: 60.19 S083).

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Energy conservation through reduced tillage (Horsepower, fuel and labor requirements).
Mitchell, W.H. Williams, T.H. Beltsville, Md., The Society. Proceedings - annual meeting of the Northeastern Weed Science Society. Northeastern Weed Science Society. 1980. v. 34. p. 76-81. ill. 6 ref. (NAL Call No.: 79.9 N814).

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Yorks, T.P. Ward, G.M.; Cramer, D.A. Chicago, Institute of Food Technologists. Abstract: Energy is consumed and losses occur in the distribution and consumption of beef. Shrink, bruising, and death losses occur during transport of animals, and dressing and trim losses occur at slaughter. Losses can be reduced at the fat separation processing by using central fabrication, boxed beef, and boning before the carcass is cooled. Shrink and spoilage can be reduced with polyvinylchloride films, vacuum packaging, improved retail store sanitation and temperature control, and freezing. Labor saving machinery in slaughter, increased refrigeration efficiency, hot-boning to reduce shipment weights, and use of rail transport can reduce energy requirements. Consumer spending for food purchase and storage consumes the most energy because of gasoline costs for shopping trips and electricity costs for freezer or refrigerator storage. Only about 29% of the liveweight is actually consumed, but reduction of waste through central fabrication of retail products and commercial sale of frozen beef could utilize 21% more. (kbc). Food technology. May 1980. v. 34 (5). p. 54-55, 58,

BIOMASS ENERGY SOURCES

0828

Systems dynamics of energy crops (Energy crop and conventional crop competing for resources, inputs, timing for labor and machinery, weather, Purdue Crop Budget Model B-10).
Bender, D.A. Peart, R.M.; Bagby, M.O. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1982. Paper presented at the 1982 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1982. (fiche no. 82-3089). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

DRAINAGE AND IRRIGATION

0829

Automation of surface irrigation (Efficiency, labor, energy).
Eisenhauer, D.E. Fischbach, P.E. Silver Spring, Md., The Association. Technical conference proceedings. Irrigation Association. 1978. 1978. p. 196-205. ill. 7 ref. (NAL Call No.: 55.9 SP8).

0830

Hand watering: labor of love (Flower crop in most commercial retail/greenhouse operations).
Bakos, S. Chicago, Ill. : Florists' Publishing Company. Florists' review. Jan 26, 1984. v. 174 (4495). p. 27, 29. ill. (NAL Call No.: 80 W41).

0831

Partial automation improves on-farm irrigation and labor efficiency.
Merriam, J.L. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1983. Paper presented at the 1983 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1983. (fiche no. 83-2014). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0832

Water, energy and labor requirements for future Pacific Northwest irrigation.
King, L.D. Hellicksen, M.L. St. Joseph, Mich., The Society. Transactions of the ASAE - American Society of Agricultural Engineers. May/June 1981. v. 24 (3). p. 691-698. ill., map. 14 ref. (NAL Call No.: 290.9 AM32T).

FOOD SCIENCE AND FOOD PRODUCTS

0833

Productivity potential in dry grocery warehouses.

Grinnell, G. Friedman, L. Washington, The Department. Extract: Food distributors in the United States could substantially improve their productivity by making better use of existing technology. Direct labor costs could have been reduced by \$700 million in 1981 by changing work assignments, obtaining a more balanced day-to-day workload, using new equipment, increasing use of unitized loads, altering some product handling practices, and partially mechanizing, according to this study of dry grocery warehouses. Agricultural economic report - U.S. Dept. of Agriculture. Mar 1982. Available from NTIS. Mar 1982. (484). 19 p. 21 ref. (NAL Call No.: A281.9 AG8A).

FOOD SCIENCE, DAIRY

0834

The production structure of Pennsylvania dairy farms.

Grisley, W. Gitu, K.W. Amherst, Mass.

Northeastern Agricultural and Resource

Economics Association. Extract: The production structure of a selected cross-section sample of family owner-operated dairy farms is investigated using a translog variable cost function. Elasticities of scale, input substitution, and input own- and cross-price elasticities are estimated. At the sample mean herd size of 67 cows producing at 15,173 pounds of milk per cow, the elasticity of scale parameter was 1.00, implying constant returns to scale. The elasticities of substitution between feeds and hired labor and the own-and cross-price elasticities were inelastic.

Northeastern journal of agricultural and resource economics. Includes statistical data.

Oct 1984. v. 13 (2). p. 244-253. Includes 25

references. (NAL Call No.: DNAL AGE

HD1773.A2N6).

0835

Projected costs and returns for beef cattle, dairy production, swine production and forage crops in Louisiana.

LAXDA. Boucher, R.W. Huffman, D.C. Baton Rouge, La. : The Station. Extract: This report has been prepared to provide estimates of production practices, costs and returns for 1984. Returns shown in these budgets are returns to land and risk for owner-operators. As used here, overhead refers to those items necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with operation of the farm business have been included in the enterprise budgets. D.A.E. research report - Department of Agricultural Economics and Agribusiness, Louisiana State University, Louisiana Agricultural Experiment Station. Predominantly tables.~ Includes statistical data. Jan 1984. (627). 70 p. Includes references. (NAL Call No.: DNAL 100 L935).

FOOD SCIENCE, LIVESTOCK

0836

The dynamics of beef cattle production: model formulation, application and an example.
Apland, J. West Lafayette, Ind. : Purdue University. Extract: The beef cattle feeding problem is cast in the context of a multistage production process using mathematical programming. By defining discrete stages of growth, the model is able to account for changes in nutrient requirements through time. Time-related costs such as interest and labor may be incorporated in the formulation. Estimated equations from the 1984 Nutrient Requirements for Beef Cattle published by the National Research Council are used. The mathematical program is nonlinear in the objective due to interest cost calculations and in the constraints due to the functional forms of nutrient requirement equations. North Central journal of agricultural economics. July 1985. v. 7 (2). p. 21-32. Includes 14 references. (NAL Call No.: DNAL HD1773.A3N6).

0837

Projected costs and returns for beef cattle, dairy production, swine production and forage crops in Louisiana.
LAXDA. Boucher, R.W. Huffman, D.C. Baton Rouge, La. : The Station. Extract: This report has been prepared to provide estimates of production practices, costs and returns for 1984. Returns shown in these budgets are returns to land and risk for owner-operators. As used here, overhead refers to those items necessary for the operation of the farm business but not easily assigned to a specific enterprise. Overhead costs and labor associated with operation of the farm business have been included in the enterprise budgets. D.A.E. research report - Department of Agricultural Economics and Agribusiness, Louisiana State University, Louisiana Agricultural Experiment Station. Predominantly tables.~ Includes statistical data. Jan 1984. (627). 70 p. Includes references. (NAL Call No.: DNAL 100 L935).

0838

The U.S. beef cow-calf industry.
Gilliam, H.C. Jr. Washington, D.C. : The Department. Extract: The number of beef cows in each of the four major U.S. cow-calf production regions declined by about one-fifth between 1975 and 1980 in response to sharp reductions in feeder cattle prices and increases in production costs during the midseventies. Several physical measures of performance indicate that most resources were used more efficiently in beef cow-calf production in 1980 than in 1975. This report identifies the structural characteristics and operating practices for beef cow-calf production operations in the United States. Agricultural economic report - United States Dept. of Agriculture. Includes statistical data. Sept 1984. (515). 60 p. Includes 15 references. (NAL Call No.: DNAL AGE A281.9 AG8A).

FOOD PROCESSING

0839

How safe is your food plant? (Work environment, injuries, U.S. Labor Department statistics).
Seligsohn, M. Radnor, Pa., Chilton Company.
Food engineering. Apr 1981. v. 53 (4). p.
103-106. ill. 1 ref. (NAL Call No.: 389.8
F737).

FOOD PROCESSING, DAIRY

0840

**Effect of milk-plant arrangement and methods of operation on labor requirements by C.E. Clement
... (et al.).**

Clement, C. E.; (Clarence Elbert). Washington,
D.C. U.S. Dept. of Agriculture 1929. 40 p. :
ill. -. (NAL Call No.: Fiche S-69 no.153).

FOOD PROCESSING, HORTICULTURAL CROP

0841

Apple products processor merges plants--drops
energy costs 37%; labor costs, 30%.

Davis, Melvin A. Parry, Evan.; Ricioli,
William.; Robe, Karl. Chicago, Putnam

Publishing Co. Abstract: A California firm has
cut energy costs 37% and labor costs 30% by
combining 4 manufacturing facilities. The firm
producing applesauce for retail, private brand,
and bulk consumers, added new equipment worth
\$3 million to its new 87,000 square foot plant.
The large plant has a future expansion factor
of 40%. The entire facility totals 180,000
square feet, plus 150,000 square feet of dry
warehouse space and refrigerating capacity of
9,000 tons. Products are packaged in glass and
cans. Essence, a new product derived from peels
and cores, is available in several strengths.
Dried apple products are available in bulk
only. Over 50% of power is hydraulic; this type
of power was chosen for adaptability and low
cost. The plant is the largest hp hydraulic
station in North America, and possibly the
world. Food processing, Dec 1979, v. 40 (13).
p. 100-101. ill. (NAL Call No.: 389.8 F7325).

FOOD STORAGE

0842

Handling, transportation, and storage of fruits and vegetables, volume 1, vegetables and melons / by A. Lloyd Ryall and Werner J. Lipton. Ryall, A. Lloyd. Lipton, Werner J. Westport, Conn. AVI Pub. Co. 1979. Abstract: Biological and physical practices in marketing vegetables and fruits have benefited from research with horticultural crops on the preparation, packaging, distribution and storage of fresh produce. Study of post-harvest physiology and control of crop diseases has resulted in increased production of fresh vegetables, including potatoes and melons. Marketing of commercial crop includes harvesting, sorting, grading, packaging, transport, storage and protection of the vegetables during wholesale-retail distribution. Suitable environments for the vegetables at each phase of marketing are described to provide information for workers in the vegetable industry. 587 p. : ill. Includes bibliographies and indexes. (NAL Call No.: TX601.R9 1979 v.1 F&N B-2516).

FOOD CONTAMINATION, FIELD CROP

0843

A health surveillance program for grain workers
(Canada).

Arhirii, M.I. New York, Academic Press.
Occupational pulmonary disease ; focus on grain
dust and health. 1977 (pub.1980). 1977
(pub.1980). p. 597-601. Includes 9 ref. (NAL
Call No.: RC773.158).

FEED PROCESSING AND STORAGE

0844

Labor saving practices in haymaking
H.B. McClure.
-.
McClure, Harry B. Washington, D.C. : U.S. Dept.
of Agriculture, 1918. 20 p. : ill. -. (NAL Call
No.: DNAL Fiche S-70 no.987).

0845

Machines, energy, and time in silage making
(**Labor and fuel comparisons**).
Kjelgaard, W.L. New Orleans : Agricultural
Research Service. Proceedings - Southern
Pasture and Forage Crop Improvement Conference.
Feb 1983. Symposium on Silage from Seed to Feed
and Recycled Waste. Feb 1983. (38th). p. 13-17.
Includes references. (NAL Call No.: 60.19
S083).

AGRICULTURAL PRODUCTS - PLANT

0846

Connecticut can compete in greenhouse production with the sunbelt (Floriculture, costs of construction, energy and labor, marketing, competition).

Koths, J.S. Storrs : The Service. Connecticut greenhouse newsletter - University of Connecticut, Cooperative Extension Service. Oct 1983. Oct 1983. (118). p. 7-9. ill. (NAL Call No.: SB415.C625).

HUMAN NUTRITION

0847

Evaluation of the WIC migrant demonstration project : a final report / Development Associates, Inc.
Development Associates, Inc. Arlington, VA.
Development Associates 1979. Abstract: The effectiveness of innovative methods of the WIC Migrant Demonstration Project designed to meet the nutritional needs of seasonal farmworker families migrating between Texas and 12 upstream states, was assessed in a report to the USDA Food and Nutrition Service. Evaluation criteria included promotion of continuity in participants' benefits by the administrative structure of the program; reduction of barriers to participation; and provision of WIC foods and nutrition education services to migrants. Data was collected from agency visits, interviews of personnel and participants, and medical records of WIC recipients. Findings concluded that the program was successful in providing WIC services to migrant women, infants and children as they moved. It is recommended that special program services for migrants, such as Verification of Certification cards and bilingual staff, be incorporated in the WIC program. 1 v. (various pagings). (NAL Call No.: TX361.C5D4 F&N E-3444).

0848

WIC migrant evaluation project.
New Brunswick, N.J. National Child Nutrition Project 1981. Abstract: The effectiveness of WIC delivery systems in reaching and serving migrant farm workers is reported as assessed. Data reported and analyzed were obtained from several sources (42 State and 188 local WIC agencies serving migrants; a sample population of 263 women in 4 States; and 130 local social and health agencies, schools, and Federal programs serving the sample population). Several recommendations were developed from this assessment: USDA should specifically define "migrant farm workers" to include the designation of a 2-year time limit since the last "migration." Verification of certification cards should be standardized among States, and should be provided with instruction and training; USDA should provide and monitor special migrant grants; a migrant participation and resources manual should be available to State and local WIC programs; and priorities should be given to programs already serving migrants (e.g., migrant health and child care). Questionnaires and interview formats used in this assessment are appended. (wz). U.S. Dept. of Agriculture, Food and Nutrition Service, Special Supplemental Food Program for Women, Infants, and Children, grant no. 59-3198-9-81 ~"November 1981.". 3, iv, 100 leaves : forms; 30 cm. (NAL Call No.: TX361.W55W51 F&N E-4329).

FOOD SERVICE MANAGEMENT

0849

Analyzing food and labor costs.

Ferguson, Dennis H. Selling, Thomas I. Ithaca, N.Y., Cornell University. Abstract: Integrated cost-control analysis using the classical cost-variance framework is explained. Variance analysis includes the accounting processes of setting cost standards, preparing variable budgets, and evaluating performance. The discussion also includes: setting cost standards, calculations of cost variances for a hypothetical restaurant operation, and interpretations of the variances calculated. A cost standard is a unit term (1 of the cost standards is cost of food per dollar of sales). The variable budget is the total cost for an incurred activity. Performance evaluation compares costs budgeted to actual costs incurred. Cost variances signal the degree to which activities are functioning as planned. (kbc). The Cornell hotel and restaurant administration quarterly. Nov 1983. v. 24 (3). p. 31-39. ill., charts. Includes bibliographical references. (NAL Call No.: TX901.C67).

adjusted to business activity. (kbc). The Cornell hotel and restaurant administration quarterly. Nov 1983. v. 24 (3). p. 26-30. charts. (NAL Call No.: TX901.C67).

0852

National forum helps hospitals cut food costs.

Card, Bert. Chicago, American Hospital Association. Abstract: The Voluntary Effort is a program conceived by various health care organizations to provide a focus for containing costs. Ideas and information were solicited from all segments of health care services, organized, and published in the American Society for Hospital Food Service Administrators' newsletter. The process is a continuous one, with new suggestions appearing regularly. The ideas for cost containment cover staffing, equipment methods, product evaluation and purchasing, new equipment, shared purchasing, evaluation techniques, and productivity. Some examples: a change from name brand carbonated drinks saved one hospital \$18,000; development of an "on-call" list of employees willing to work as needed to cut down on overtime pay; and conversion of a satellite bulk food service to unitized thermal tray system, saving over \$26,000. Hospitals. Mar 16, 1980. v. 54 (6). p. 101-103. ill. (NAL Call No.: RA900.H6).

0850

Foodservice: Haven for the foreign-born worker.
Tinsley, Elisa. Denver, Cahners Publishing Co. Abstract: Although immigration patterns in America have changed dramatically, the influx continues. Many of the new arrivals find their first jobs in the foodservice industry while they learn enough English to try to advance. The industry has provided opportunities for many people; success is not automatic but can come to anyone who works hard. Problems associated with immigration, legal or illegal, are voiced by various segments of society: too much competition for too few jobs; displacement of unskilled workers; exploitation of people unable to defend themselves; lowering of productivity; racial polarization and tension; and most recently, the expectation of refugees to be supported by welfare. In spite of the problems and potential conflict, the economic and social opportunities will continue to lure immigrants. Institutions. Sept 15, 1980. v. 87 (6). p. 75-80. ill. (NAL Call No.: TX1.I55).

0851

The Myth of labor-cost percentages.

Pavesic, David V. Ithaca, N.Y., Cornell University. Abstract: Five measurements (total labor hours; sales per labor hour; covers per labor hour; labor cost per labor hour; and labor cost per cover) of payroll efficiency are discussed. Using these measures labor percentages can be determined; cost can be controlled by adequately scheduling, in advance, labor requirements based on productivity standards and volume forecast; and weekly payroll can be analyzed in-depth. These measures offer better tools for forecasting and adjusting labor costs than the traditional labor-cost ratio. Cost information must be compiled and reviewed weekly so schedules are

HOME ECONOMICS

0853

Homemakers, the forgotten workers / Rae Andre.
Andre, Rae. Chicago University of Chicago Press
1981. Abstract: A psychological, socioeconomic,
and political analysis of the development,
current status and problems of homemakers
focuses on changing people's working lives,
improving life quality, and increasing respect
for this large group of "unemployed"
"non-workers". Corrective steps are proposed
and examined for personal improvement and
societal activism. Information gathered from
many sources, such as psychological treatises,
surveys, interviews, women's groups, etc., may
be useful as a teaching tool. Some of the
topics covered include: economic aspects of a
housewife's life (no Social Security, no
salary, etc.); changing theories about the
values of housekeeping; alternative life
styles; physical, emotional, attitudinal, and
economic changes faced by a displaced
homemaker, whether divorced, widowed or
out-grown; national and international scope of
women's roles and women's potential; and
organizations and legislation which focus on
changing existing inequities in the American
system. Includes index. 299 p. Bibliography: p.
285-292. (NAL Call No.: HQ759.A5 F&N B-2820).

POLLUTION

0854

The cost of beverage container litter to the agricultural sector in Tennessee (Includes farm labor hours).

Park, W.M. TFHSA. Knoxville : The Station. Tennessee farm and home science - Tennessee Agricultural Experiment Station. Oct/Dec 1981. Oct/Dec 1981, (120). p. 27-30. Includes references. (NAL Call No.: 100 T25F).

MATHEMATICS AND STATISTICS

0855

Aliens, immigration and commodity trade: conflicts between consumers and workers.
Huffman, W.E. Gainesville, Fla. : The Program, 1983? . Agriculture, change and human values : proceedings, multidisciplinary conference Oct 18-21, 1982 / edited by R. Haynes, R. Lanier ; sponsored by University of Florida, Humanities and Agriculture Pro. v. 1 p. 348-386. ill. Includes references. (NAL Call No.: DNAL S401.A45).

0856

An analysis of the demand for inputs in cotton production at the Southeast Georgia Branch Station (Emphasis on labor, machinery, fertilizer, pesticides and seed, mathematical models).

Bishop, K.C. Saunders, F.B.; Wetzstein, M.E.; Perry, C.E. Athens, Ga. : The Stations. Research bulletin - University of Georgia, Experiment Stations. June 1984. June 1984. (312). 26 p. Includes 33 references. (NAL Call No.: S51.E2).

0857

An analysis of the demand for inputs in peanut production at the Southwest Georgia Branch Station (Emphasis on labor, machinery, fertilizer, pesticides and seed, mathematical models).

Bishop, K.C. Saunders, F.B.; Wetzstein, M.E.; Moss, R.B. Athens, Ga. : The Stations. Research bulletin - University of Georgia, Experiment Stations. June 1984. June 1984. (310). 26 p. Includes 30 references. (NAL Call No.: S51.E2).

0858

Asymmetric information, multiperiod labor contracts, and inefficient job separations.
Haltiwanger, J.C. Chapel Hill, NC : Southern Economic Association. Extract: In this paper, a simple multiperiod model is developed in which separations may occur in each of several successive periods. The multiperiod specification enables us to distinguish between temporary and permanent separations and to focus attention on the potential for inefficient separations induced by asymmetric information problems in an intertemporal setting. Southern economic journal. Apr 1984. v. 50 (4). p. 1005-1024. Includes 11 references. (NAL Call No.: 280.8 S084).

0859

Components of labor productivity growth in the food system, 1958-67.

Schluter, G. Beeson, P. Amsterdam, North-Holland Publishing Co. Abstract: This paper reviews the Howe, Schluter and Handy (HSH) technique which uses an input-output

model to study changes in labor productivity in the food system. It then introduces a factoring technique to solve for the contribution to total productivity of each variable in the HSH technique. The Review of economics and statistics. Aug 1981. v. 63 (3). p. 378-384. 11 ref. (NAL Call No.: 251.8 R32).

0860

The demand for farm output.

Dunn, J. Heien, D. Lincoln, Neb. : Western Agricultural Economics Association. Extract: This paper treats the demand for farm output as part of an interrelated factor demand system. The farm level outputs are meat, poultry, dairy, fruits and vegetables and other food. The processing and distribution inputs are labor, packaging, transportation and all other. Input demands are modelled using a restricted translog cost function which is conditional on capital stock in the processing sector. The results show that: each category of farm output demand is inelastic; capital stock is an important determinant of the demand for farm outputs and little substitution between outputs and other inputs; there is moderate substitution among the nonfarm inputs; and, increases in nonfarm input costs have significant negative effects on farm output demand. Western journal of agricultural economics. July 1985. v. 10 (1). p. 13-22. Includes 13 references. (NAL Call No.: DNAL AGE HD1750.W4).

0861

The dynamics of beef cattle production: model formulation, application and an example.

Apland, J. West Lafayette, Ind. : Purdue University. Extract: The beef cattle feeding problem is cast in the context of a multistage production process using mathematical programming. By defining discrete stages of growth, the model is able to account for changes in nutrient requirements through time. Time-related costs such as interest and labor may be incorporated in the formulation. Estimated equations from the 1984 Nutrient Requirements for Beef Cattle published by the National Research Council are used. The mathematical program is nonlinear in the objective due to interest cost calculations and in the constraints due to the functional forms of nutrient requirement equations. North Central journal of agricultural economics. July 1985. v. 7 (2). p. 21-32. Includes 14 references. (NAL Call No.: DNAL HD1773.A3N6).

0862

Econometric analysis of U.S. farm labor markets.

Wang, G.H.K. Heady, E.O. Ames, Iowa, The Center. Extract: This study tests whether previous empirical results still hold in a more recent sample period. Most previous estimates were made by single-equation ordinary

least-squares or generalized least squares methods. Some estimates used limited-information simultaneous equation procedures with the assumption of independent errors. However, little attention has been given to the choice of appropriate estimation procedures. Finally, to the best of our knowledge, no previous published works exist on the derivation and analysis of the dynamic properties of models for family farm labor and hired farm labor. In this study, we report empirical results of estimates obtained by alternative estimating procedures. We also report the dynamic properties of models for the two components of farm labor. CARD report - Iowa State University, Center for Agricultural and Rural Development. May 1980. May 1980. (91). 64 p. 41 ref. (NAL Call No.: 281.9 I093).

0863

An economic analysis of factor usage and workplace regulation.

SECJA. Elder, H.W. Chapel Hill, NC : Southern Economic Association. Extract: In this paper the statistical results show generally that the level of WC Workers Compensation costs does alter factor choices. It was hypothesized and results are obtained which indicate that higher benefit levels increase the substitutability of capital for labor. It does not appear, though, that WC costs alter other factor relationships, as the other estimates tend to bear out. It does seem clear, however, that the primary implication of the theory developed--that safety regulation has costs in terms of output reduction and lower factor usage--is confirmed by the findings of the empirical work. And, if one adds the findings of other researchers, the implications are rather damaging to these forms of regulation. Southern economic journal. Oct 1985. v. 52 (2). p. 315-331. Includes 27 references. (NAL Call No.: DNAL 280.8 S084).

0864

Economic planning for multicounty rural areas: application of a linear programming model in northwest Arkansas.

Williams, D.G. Washington, D.C., The Department. Extract: A linear programming economic development model can help regional planners influence the most desirable type of growth for rural areas. Optimal resource use, investment, and industry mix for manufacturing, services, government, and agriculture are reviewed for nine regional macroeconomic goals, with the tradeoffs evaluated for attaining one objective over another. Multiple regression analysis allows the most desirable industries to be identified by economic characteristics such as capital/output and value added/labor rather than product type. Although the results are specific for a region in northwest Arkansas, the general conclusions should be valid for other areas as well. Technical bulletin - United States Dept. of Agriculture. June 1981. June 1981. (1653). 75 p. 22 ref. (NAL Call No.: 1 AG84TE).

0865

Employment, wages, and benefits on California farms.

CAGRA. Johnston, G.W. Martin, P.L. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1984. v. 38 (1/2). p. 17-19. maps. (NAL Call No.: DNAL 100 C12CAG).

0866

The equalizing role of human resource intensive growth strategies: a theoretical model.

Adelman, I. Levy, A. Berkeley : The Station. Extract: Empirical evidence concerning the relationship between education-intensive development strategies and income distribution is used to formulate a growth model in which the variance of the dispersion rate of income is linked to the human and physical capital intensity of production. It is shown that, under plausible assumptions, the growth trajectory does not have a unique steady state. Of the possible steady states, for any two steady states characterized by equal per capita output and by different combinations of physical capital-labor ratio and average human capital, the income distribution associated with the steady state with the higher level of average human capital is Lorenz superior. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Aug 1983. Aug 1983. (258, rev.). 24 p. Includes 18 references. (NAL Call No.: 916970(AGE)).

0867

Estimating substitution and expansion effects using a profit function framework.

Lopez, R.E. Ames, Iowa : American Agricultural Economics Association. Extract: This study reports a first attempt to derive all the relevant information with respect to the structure of production of an industry using knowledge of only a profit function. Using estimates of a profit function for Canadian agriculture, a procedure to separate substitution and expansion effects for both inputs and outputs was implemented. Information concerning net input and output substitution and complementarity possibilities were obtained. The most important empirical results suggest that the hypothesis of nonjoint production of crop and animal outputs in Canadian agriculture cannot be rejected, and that hired and operator labor are complements rather than substitutes. American journal of agricultural economics. Aug 1984. v. 66 (3). p. 358-367. Includes 15 references. (NAL Call No.: 280.8 J822).

(MATHEMATICS AND STATISTICS)

0868

Factor endowments, heterogeneous labor and North-South migration.

SECJA. Dunlevy, J.A. Chapel Hill, NC : Southern Economic Association. Extract: The purpose of the present paper is to make explicitly a sufficient set of conditions that will support a factor endowment based migration model and to evaluate the advantages and weaknesses of that model. The resultant model is consistent both with the standard human capital model of migration and with the more mechanical gravity model; it is also consistent with the Heckscher-Ohlin model of interregional trade. The sufficient assumptions impose stringent, but not unreasonable, restrictions on the form of the underlying production function. The model's predictions are tested using a data set similar to those used in the above-noted studies. The model, however, is capable of yielding only qualitative, rather than quantitative, predictions. Therefore, there is some concern regarding the empirical identifiability of the model. Southern economic journal. Oct 1985. v. 52 (2). p. 446-459. Includes 17 references. (NAL Call No.: DNAL 280.8 S084).

0869

Farm labor in New York State.

Fisher, Dennis U. Ithaca Dept. of Agricultural Economics, New York State College of Agriculture and Life Sciences 1979. 51 p. : ill. - Bibliography: p. 50-51. (NAL Call No.: 281.9 C8iAe No.79-14).

0870

Field crops costs and returns from farm cost accounts, 28 farms-1982, New York State. Snyder, D.P. Ithaca, N.Y. : The Station. Extract: The reports present the results of individual enterprises and the averages of the enterprise costs and returns for all farms. They show not only the averages of cost and returns but also indications of the variations and reasons for them. The factors for individual enterprises are arranged according to size of enterprise. The annual averages of the various factors are not averages of average costs but are weighted by the size of the enterprise. A.E. Res. - New York State College of Agriculture and Life Sciences, Department of Agricultural Economics, Cornell University, Agricultural Experiment Station. Dec 1983. Predominantly tables. Dec 1983. (83-43). 37 p. (NAL Call No.: 281.9 C81A).

0871

Forecasting four aggregates of Oklahoma agriculture.

OCFEA. Knowles, G.J. Stillwater, Okla. : The Station. Extract: Forecasts of farm proprietors' income, real farm output, agricultural employment, and farm wage and

salary disbursements for the State of Oklahoma are made annually in the fall prior to the forecast year. These forecasts are used in the Oklahoma State Econometric Model developed by the Office of Business and Economic Research at Oklahoma State University and published in Oklahoma Economic Outlook. Since beef cattle and wheat dominate Oklahoma agriculture, forecasts in these two sectors are determined first and then used to forecast the aggregates above. The forecasts from the cattle and wheat sectors are determined by the time series analysis and by econometric equations. The econometric model is recursive, so that ordinary least squares (OLS) estimation is used. Both of these forecasts are combined to furnish what is sometimes termed a composite forecast. Oklahoma current farm economics - Oklahoma, Agricultural Experiment Station. Includes statistical data. June 1984. v. 57 (2). p. 3-12. Includes 13 references. (NAL Call No.: DNAL 100 OK4 (5)).

0872

Hired workers on California farms (Statistics). Martin, P.L. CAGRA. Mamer, J.W. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept/Oct 1982. v. 36 (9/10). p. 21-23. 3 ref. (NAL Call No.: 100 C12CAG).

0873

Hiring decisions, labor flows, and short-run productivity.

Blakemore, A.E. Hoffman, D.L. Chapel Hill, NC : Southern Economic Association. Southern economic journal. Apr 1984. v. 50 (4). p. 993-1004. Includes 14 references. (NAL Call No.: 280.8 S084).

0874

Human resource intensive strategies in developing economies.

Adelman, I. Levy, A. Berkeley : The Station. Extract: Empirical evidence concerning the relationship between education-intensive development strategies and income distribution is used to formulate a growth model in which the variance of the dispersion rate of income is linked to the human and physical capital intensity of production. It is shown that, under plausible assumptions, the growth trajectory does not have a unique steady state. Of the possible steady states, for any two steady states characterized by equal per capita output and by different combinations of physical capital-labor ratio and average human capital, the income distribution associated with the steady state with the higher level of average human capital is Lorenz superior. Working paper - Giannini Foundation of Agricultural Economics, California Agricultural Experiment Station. Apr 1983. Apr 1983. (258). 21 p. Includes 12 references. (NAL Call No.: 916970(AGE)).

0875

Indiana farm-level impacts of possible Environmental Protection Agency bans on selected soybean insecticides.
 Cashman, C.M. Martin, M.A.; McCarl, B.A. Lexington, Ky., Southern Agricultural Economics Assoc. Extract: The primary purpose of our study was to determine the economic impacts of a possible ban by the Environmental Protection Agency on selected soybean insecticides used by some farmers in Indiana who face periodic soybean yield losses due to insect damage. A 600-acre Indiana corn-soybean farm was analyzed by means of a linear programming model. The economic impacts of possible bans on soybean insecticides were measured in terms of changes in per-acre yields, production costs, farm income, per-acre profits, machinery and labor use, and timeliness of field operations. Yield and related information on alternative soybean insecticides was derived from test plot data. Southern journal of agricultural economics. Dec 1980. v. 12 (2). p. 147-152. 8 ref. (NAL Call No.: HD101.S6).

0876

An intertemporal approach to seasonal agricultural labor markets (Mathematical models).
 Spreen, T.H. Gainesville, Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida. Seasonal agricultural labor markets in the United States ; final report. 1981. 1981. p. 285-309. ill. Includes 9 ref. (NAL Call No.: HD1525.S4).

0877

Measuring agricultural productivity: a new look.
 Ball, V.E. Washington, D.C. : The Service. Extract: This paper presents revised procedures for calculating total factor productivity and measuring productivity growth in U.S. agriculture over the postwar years. Our estimates reflect (1) a disaggregated treatment of outputs and inputs and (2) indexing procedures that do not impose a priori restrictions on the structure of production. We find that productivity grew at the average annual rate of 1.75 percent during the 1948-79 period, compared with the 1.70 percent per year estimated by the U.S. Department of Agriculture. The similar estimates of productivity growth overshadow some important differences in measurement of individual inputs. ERS staff report - United States Dept. of Agriculture, Economic Research Service. Available from NTIS, order no. PB84-199280.~ Includes statistical data. May 1984. (AGES840330). 22 p. Includes 28 references. (NAL Call No.: DNAL AGE 916762(AGE)).

0878

Migration and employment change: some new evidence and new considerations.
 Stevens, J.B. Owen, L.P. College Station, Tex. : Western Agricultural Economics Association. Extract: As an explanation of regional economic growth, do "people follow jobs" or do "jobs follow people"? The current wisdom in the regional economics literature is that migration and employment change are jointly determined, but that the "jobs follow people" effect is the stronger of the two. Our evidence for selected counties in the Pacific Northwest from 1965 to 1970 does not support that argument. The problem may become increasingly difficult to model if the desire for non-market goods, rather than income gain, continues to evolve as a major reason for migration. Western journal of agricultural economics. Dec 1982. v. 7 (2). p. 155-162. Includes 18 references. (NAL Call No.: HD1750.W4).

0879

Night work as a labor market phenomenon: Southern textiles in the interwar period (Cotton mills, mathematical models, wages, United States).

Shiells, M. Wright, G. New York : Academic Press. Explorations in economic history. Oct 1983. v. 20 (4). p. 331-350. Includes references. (NAL Call No.: HC10.E85).

0880

Nonpecuniary job preferences and welfare losses among migrant agricultural workers.

Dunn, L.F. Ames, Iowa : American Agricultural Economics Association. Extract: Effects of nonprovision of job benefits and desirable working conditions are examined empirically for a sample of Mexican-American and illegal alien migrant agricultural workers. Welfare losses are identified in that the monetary value to workers of some absent benefits is greater than the cost to farm employers of providing the benefits. Workers' preferences for nonpecuniary benefits are also examined by socioeconomic characteristics. Illegal aliens exhibit equal or greater preference for fourteen of the fifteen nonpecuniary items under consideration. American journal of agricultural economics. May 1985. v. 67 (2). p. 257-265. Includes 11 references. (NAL Call No.: DNAL 280.8 J822).

0881

The off-farm work behavior of farm operators.

Simpson, W. Kapitany, M. Ames, Iowa : American Agricultural Economics Association. Extract: Two formal models of off-farm labor supply are developed and tested by multivariate logit regression using the 1978 Agricultural Enumerative Survey for the Canadian Province of Saskatchewan. The first model is a conventional utility-maximizing model while the second is a target-income model where the target depends on

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the financial obligations of starting a farm. The models differ in their predictions only when larger farms are assumed to have greater impact on target income than farm labor productivity in the second model. The empirical results reject this additional assumption and generally support the utility-maximizing model for new and experienced farmers. *American Journal of agricultural economics*. Nov 1983. v. 65 (4). p. 801-805. Includes 12 references. (NAL Call No.: 280.8 J822).

0882

The production structure of Pennsylvania dairy farms.

Grisley, W. Gittu, K.W. Amherst, Mass. Northeastern Agricultural and Resource Economics Association. Extract: The production structure of a selected cross-section sample of family owner-operated dairy farms is investigated using a translog variable cost function. Elasticities of scale, input substitution, and input own- and cross-price elasticities are estimated. At the sample mean herd size of 67 cows producing at 15,173 pounds of milk per cow, the elasticity of scale parameter was 1.00, implying constant returns to scale. The elasticities of substitution between feeds and hired labor and the own-and cross-price elasticities were inelastic. *Northeastern journal of agricultural and resource economics*. Includes statistical data. Oct 1984. v. 13 (2). p. 244-253. Includes 25 references. (NAL Call No.: DNAL AGE HD1773.A2N6).

0883

Secondary workers and the acquisition of negative human capital.

Stevens, J.B. College Station, Tex., Western Agricultural Economics Association. Extract: Frequent job-changing by secondary workers in a rural labor force is found to be consistent with the human capital logic, even though negative human capital attributes are knowingly acquired in the process. The present value of future income streams from a "job-changing" strategy exceeds that from a "staying" strategy if the planning horizon for wood products work is four years or less, which is not an unrealistic length for this particular labor force. *Western journal of agricultural economics*. Dec 1980. v. 5 (2). p. 73-87. 20 ref. (NAL Call No.: HD1750.W4).

0884

Sensitivity of selected factors on costs of retort pouch packaging systems.

Williams, J.R. Steffe, J.F.; Black, J.R. East Lansing, Mich., The Department. Extract: The sensitivity of costs of a retort pouch system is tested as a function of selected factors. These factors include energy prices, energy consumption in retorting, container prices, labor use, wage rates, transport distances and

discount rates. The price of retort pouch and can containers affects the cost of the packaging systems comparatively more than the other variables considered. Energy consumption reductions in retorting pouches is comparatively less significant. However, retort pouch packaging systems are less energy intensive than canning systems and have some comparative cost advantages attributed to operating the packaging system which should increase as real energy prices rise. Agricultural economics staff paper - Michigan State University, Dept. of Agricultural Economics. June 22-25, 1982. June 22-25, 1982. (82-55). 24 p. Includes 12 references. (NAL Call No.: 918134(AGE)).

0885

A simulation of labor and equipment in harvesting burley tobacco (Computer model).
Bingner, R.L. Wells, L.G.; Bridges, T.C.; Duncan, G.A. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1981. Paper presented at the 1981 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1981. (fiche no. 81-3058). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0886

Spatial and socioeconomic factors influencing labor force participation rates.

Beck, R. Jansma, J.D. College Park, Md. : The Council. Extract: The objective of this paper is to report on research designed to investigate the relationships between labor availability and the level and distribution of economic activity in a rural area. The specific relationship being examined is the degree to which the labor force participation rate of the employable male population in a specific rural area is dependent on the access to employment opportunities and the socioeconomic characteristics of the residents of the area. *Journal - Northeastern Agricultural Economics Council*. Fall 1982. v. 11 (2). p. 61-69. Includes 12 references. (NAL Call No.: HD1773.A2N6).

0887

Status of harvest mechanization of fruits, nuts, and vegetables (Labor requirements, production, statistics).

Zahara, M. Johnson, S.S. Alexandria, Va., American Society for Horticultural Science. *HortScience*. Oct 1979. v. 14 (5). p. 578-582. ill. 22 ref. (NAL Call No.: SB1.H6).

0888

The structure of production and the derived demand for inputs in Canadian agriculture.
 Lopez, R.E. Lexington, Ky., American Agricultural Economics Association. Extract: The evidence suggests that an aggregate cost function and, hence, an aggregate production function for Canadian agriculture exists. Furthermore, growth in Canadian agriculture has been primarily associated with economies of scale rather than with factor-augmenting technical change. A nonhomothetic dual cost function is used to derive explicitly the system of four input demand equations (labor, capital, land and structures, and intermediate inputs) using time-series data for the period 1946-77. Estimates of the own-price elasticities and of the Hicks-Allen elasticities of substitution among the input pairs are also provided. *American journal of agricultural economics*. Feb 1980. v. 62 (1). p. 38-45. 20 ref. (NAL Call No.: 280.8 J822).

0889

Supply, demand, and technology in a multiproduct industry: Texas field crops.
 Shumway, C.R. Ames, Iowa : American Agricultural Economics Association. Extract: Technology, supply, and demand relationships among six Texas field crops and three variable inputs are investigated using a dual approach. Evidence of nonjoint production is found for wheat but not for other crops. Cotton, sorghum, and corn are homothetically separable. No larger groups of outputs nor any input groups satisfy the sufficient dual conditions for consistent aggregation and two-stage choice. Production is homothetic in outputs, fertilizer, and hired labor. Product supply and input demand equations are estimated. Estimates are inconsistent with expectations of the competitive model. The normalized profit function Hessian is not positive definite, and parameter symmetry is rejected. *American journal of agricultural economics*. Nov 1983. v. 65 (4). p. 748-760. Includes 37 references: (NAL Call No.: 280.8 J822).

0890

Systems dynamics of energy crops (Energy crop and conventional crop competing for resources, inputs, timing for labor and machinery, weather, Purdue Crop Budget Model B-10).
 Bender, D.A. Peart, R.M.; Bagby, M.O. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1982. Paper presented at the 1982 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1982. (fiche no. 82-3089). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0891

Tenancy choice in a competitive framework with transactions costs.
 JLPEA. Alston, L.J. Datta, S.K.; Nugent, J.B. Chicago, Ill. : University of Chicago Press. Extract: The choice between wage labor and sharecrop contracts is analyzed in a model that avoids both the pitfalls of previous models--inefficiency of sharecropping and indeterminacy--by introducing transactions costs with appropriate nonlinearities. Plantation data from the American South provide empirical support for the hypothesized nonlinearity in transactions costs and simultaneous determination of direct supervision and contractual choice. *Journal of political economy*. Dec 1984. v. 92 (6). p. 1121-1133. Includes 29 references. (NAL Call No.: DNAL 280.8 J82).

0892

A theory of two-tier labor markets in agrarian economies.
 AENRA. Eswaran, M. Kotwal, A. Menasha, Wis. : American Economic Association. Extract: Economic analysis of agricultural tenancy has yielded rich insights into the institutional mechanisms that evolve as rational responses to the state of market development and production technology. In many respects, the study of tenancy has been a forerunner of the modern literature that is attempting to create a theory of organization based on the analysis of incentive mechanisms underlying the contractual structure. It may be quite fruitful, therefore, to study premodern institutions, especially if they have recurred in diverse environments or at different time periods, and have proved to be historically tenacious. The more anomalous they seem, at first glance, the more rewarding may their analysis prove to us. *American economic review*. Includes statistical data. Mar 1985. v. 75 (1). p. 162-177. Includes 24 references. (NAL Call No.: DNAL 280.8 AM32).

0893

The U.S. beef cow-calf industry.
 Gilliam, H.C. Jr. Washington, D.C. : The Department. Extract: The number of beef cows in each of the four major U.S. cow-calf production regions declined by about one-fifth between 1975 and 1980 in response to sharp reductions in feeder cattle prices and increases in production costs during the midseventies. Several physical measures of performance indicate that most resources were used more efficiently in beef cow-calf production in 1980 than in 1975. This report identifies the structural characteristics and operating practices for beef cow-calf production operations in the United States. Agricultural economic report - United States Dept. of Agriculture. Includes statistical data. Sept 1984. (515). 60 p. Includes 15 references. (NAL Call No.: DNAL AGE A281.9 AG8A).

DOCUMENTATION

0894

Migrant workers.

Kenton, Edith. Springfield, Va. National Technical Information Service 1979. (NAL Call No.: Fiche 87 1979).

0895

Survey economics (Computer programs, cost efficiency planning, forest surveys, lodging, driving and labor costs).

Grabinski, T. Washington : The Service. Engineering field notes - United States Forest Service, Engineering Staff. April/June 1983. v. 15. p. 9-19. (NAL Call No.: aSD388.A1U52).

HUMAN MEDICINE, HEALTH AND SAFETY

0896

Evaluation of health services utilization in rural areas and among migrant farmworkers : final report.
Lansing, Mich. Michigan Dept. of Public Health, Division of Health Care Systems 1981. Abstract: A project designed to evaluate whether continuity of care influenced the patient's behavior is reported. Specifically, the study sought to determine if patients rates of referral completion (i.e., the utilization of other health services) would increase when continuity was provided in WIC clinic care. Study objectives included determination of: which other health services WIC participants utilized and what variables in WIC service delivery were effective in getting participants to utilize WIC and other services. Continuity of care was viewed as desirable because it was considered to provide greater patient and provider satisfaction. Outcomes of the Migrant Clinic study were: fewer referrals were made than anticipated; major scheduling changes were observed in the clinical setting due to staffing and budget changes; referrals to services available on the same day showed a higher rate of completion than did referrals to services available on a later day; and rates of completion were not significantly different for referrals to different types of services (e.g., child care, birth control). (kbc). "USDA grant 59-3198-9-78, August 1981.". 3, 82 leaves : map ; 30 cm. (NAL Call No.: TX361.W55E83 F&N E-4316).

0897

Farm labor requirement (Federal and state safety and health standards, housing for migrant agricultural workers, United States, Georgia).
Atlanta : Department of Agriculture. Farmers & consumers market bulletin. Feb 8, 1984. v. 70 (6). p. 1, 16. (NAL Call No.: 280.39 G292).

0898

Gin safety--the owner/manager's responsibility.
BCOPB. Shanoian, R.P. Memphis, Tenn. : National Cotton Council and The Cotton Foundation. Proceedings - Beltwide Cotton Production Research Conferences. 1985. p. 331-336. ill. (NAL Call No.: DNAL SB249.N6).

0899

Hearing loss: that noise is more than annoying.
Krupicka, L. Strange, M. Walthill, Neb. : Center for Rural Affairs, 1984. It's not all sunshine and fresh air : chronic health effects of modern farming practices / editor, Marty Strange. p. 1-5. Includes 9 references. (NAL Call No.: DNAL RC965.A5I7).

0900

Progress in pesticide worker safety in California (Agricultural safety).
Brazelton, R.W. Akesson, N.B.; Maddy, K.T.; Yates, W.E. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1981. Paper presented at the 1981 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1981. (fiche no. 81-5001). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

ECONOMICS AND ADMINISTRATION

0901

Adjusting the gross changes data implications for labor market dynamics /James M. Poterba, Lawrence H. Summers. -.

Poterba, James M. Cambridge, Mass. (1050 Massachusetts Avenue, Cambridge, MA 02138) : National Bureau of Economic Research, 1984. "August 1984.". 37, 4 p. : ill. ; 28 cm. - . Bibliography: p. 33-34. (NAL Call No.: DNAL HB1.A2N3 no.1436).

Employment, Productivity, and Inflation. Washington, D.C. The Commission For sale by the Supt. of Docs., U.S. G.P.O. 1980. 82 p. : 23 cm. (NAL Call No.: HC106.7.U6).

0902

Affirmative Action programs: Have we forgotten the first-line supervisor.

Hammer, Tove Helland. Swathmore, Pa., American Management Association. Abstract: Affirmative action programs that call for special attention to minority group employees have often created confusion for first-line supervisors. They are often not aware of upper management decisions concerning the program and may perceive the programs as allowing preferential treatment of minority group employees, with unfortunate consequences for leadership and work-group effectiveness. Sometimes they lose some or all of their authority in hiring, promoting, firing, or disciplining employees. High-level management should anticipate the negative side effects of an affirmative action plan and prepare the first-line supervisors. Allowances should be made for effects on production deadlines and quotas; adequate conflict management and work group maintenance techniques should be developed. Personnel and labor relations departments should more closely monitor the progress of the program on the first-line supervisors' level. Personnel journal. June 1979. v. 58 (6). p. 384-389. 9 ref.

0905

Asking sure-fire questions.

Stewart, Joseph M. New York, Harcourt, Brace, Jovanovich. Abstract: Several employee hiring and firing concerns are described. Developing a Position Character Reference (PCR) that covers the financial, physical and emotional requirements for each job in the operation can aid managers in accurately matching an individual with the right job. Firing an employee requires documented proof. Rights and privileges granted by employers, union contracts, and appeal rights, which can take months of involvement, protect employees, but often leave managers helpless. Extra time spent during the interview is less costly and time consuming than trying to resolve problems resulting from wrong selections. Food management. Mar 1979. v. 14 (3). p. 27-28.

0906

Brothers and sisters in the family and the labor market /John Bound, Zvi Griliches, Bronwyn H. Hall. -.

Bound, John. Cambridge (1050 Massachusetts Avenue, Cambridge, Mass., 02138) : National Bureau of Economic Research, 1984. "October 1984.". 46, 4 p. : ill. ; 28 cm. - . Bibliography: p. 36-37. (NAL Call No.: DNAL HB1.A2N3 no.1476).

0907

Career counseling: Too little, too late.

Gambill, Ted R. New York, American Management Association. Abstract: A "career-launching checklist" and a "career-counseling model" for use in in-depth career-counseling sessions by management are described. Career-counseling, a lifelong process, is a valuable employee-development tool. Managers feel these programs are time-consuming, but properly done in the right spirit the time is well rewarded. Better employee performance, increased productivity, reduced turnover, and higher employee morale can come from career-counseling programs. This contributes to company prosperity and survival. Supervisory management. Apr 1979. v. 24 (4). p. 24-30.

0903

Alcoholic employees: Get involved.

Treadwell, Jay. New York, Restaurant Business Inc. Abstract: The director of food service for the U.S. Senate restaurant has developed an Employees Assistance Program, a method to improve performance on the job as well as an effort to help an alcoholic individual. It uses his job as an effective weapon against denial of or a lackadaisical attitude about his alcohol problem. Some elements of the program and followup care are explained. A recovered alcoholic is the most reliable worker in the force. Restaurant business. Apr 1, 1979. v. 78 (5). p. 96,98,109.

0904

The American economy : employment, productivity, and inflation in the eighties : report of the Panel on the American Economy--Employment, Productivity, and Inflation, President's Commission for a National Agenda for the Eighties.

United States ~ Panel on the American Economy:

Class, sex, and the woman worker.

Cantor, Milton. Westport, Conn. Greenwood Press 1977. viii, 253 p. ; 22 cm. - . Includes bibliographical references and index. (NAL Call No.: HD6095.C54).

0909

The costs of worker displacement /Daniel S. Hamermesh. - .
 Hamermesh, Daniel S. Cambridge, Mass. (1050 Mass. Ave. Cambridge 02138) : National Bureau of Economic Research, 1984. "November 1984.". 27, 5 p. : ill. ; 28 cm. - Bibliography: p. 23-24. (NAL Call No.: DNAL HB1.A2N3 no.1495).

view on the structure of a program to treat these problems. Tables show the demographics and size of the survey, and the results of questions on employee satisfaction and perception, awareness and company policy. The question as to whether personal problems are caused by job dissatisfaction is discussed. Recommendations on program development are listed. Personnel journal. Nov 1978. v. 57 (11). p. 633-636,643. charts. 8 ref.

0910

The cyclical behavior of industrial labor markets a comparison of the pre-war and post-war eras /Ben S. Bernanke, James L. Powell. - .
 Bernanke, Ben S. Cambridge, Mass. (1050 Massachusetts Avenue, Cambridge 02138) : National Bureau of Economic Research, 1984. "June 1984.". 1 v. (various pagings) : ill. ; 28 cm. - Bibliography: p. 1-4 . (NAL Call No.: DNAL HB1.A2N3 no.1376).

0914

Does knowledge intensity matter? : a dynamic analysis of research and development capital utilization and labor requirements / Jeffrey I. Bernstein, M. Ishaq Nadiri.
 Bernstein, Jeffrey I. Cambridge (1050 Massachusetts Avenue, Cambridge, Mass., 02138) National Bureau of Economic Research 1983. "November 1983.". 22 (8) p. : ill. ; 28 cm. - Bibliography: p. (24-25). (NAL Call No.: HB1.A2N3 no.1238).

0911

Deindustrialization restructuring the economy /special editor of this volume Gene F. Summers. - .
 Summers, Gene F., 1936. Beverly Hills, Calif. : Sage Publications, c1984. "September 1984.". 229 p ; 25 cm. - Includes bibliographical references and index. (NAL Call No.: DNAL 280.9 Am34 v.475).

0915

Earnings and other characteristics of organized workers, May 1980 / (prepared by Larry T. Adams).
 Adams, Larry T. Washington, D.C. U.S. Dept. of Labor, Bureau of Labor Statistics ; For sale by the Supt. of Docs., U.S. G.P.O. 1981. Chiefly tables. v. 70 p. ; ill. ; 28 cm. - (NAL Call No.: 158.6 B87 no.2105).

0912

Diagnosing and treating the symptoms of low productivity.
 Niles, John L. New York, American Management Association. Abstract: To increase productivity, management must understand the symptoms of low productivity, how to diagnose the cause, and how to bring about change. Three types of symptoms of poor productivity are production/operator-related, machine/equipment-related, and system-related. Diagnosing symptoms requires that they be quantified and then compared with acceptable norms or goals sought by management. Three methods of treating low productivity are management-dominated, labor-dominated, and labor-management coordination. The labor-management process involves both labor and management in an information-sharing and problem-solving committee. Supervisory management. Aug 1979. v. 24 (8). p. 29-34. ill.

0916

An economic history of women in America : women's work, the sexual division of labor and the development of capitalism / Julie A. Matthaei.
 Matthaei, Julie A. New York Schocken Books 1982. Includes index. xix, 381 p. ; 21 cm. Bibliography: p. 329-372. (NAL Call No.: HQ1410.M37 1982).

0913

Diagnosing employee's personal problems.
 Finkestein, James A. Ziegenfuss, James T. Swathmore, Pa., American Management Association. Abstract: Methods and results are reported from a survey designed to assess employee job satisfaction, perceptions of need for personal problem assistance, and employees'

0917

The effects of training on turnover: A cost justification model.
 Horrigan, J. Thomas. Madison, Wis., American Society for Training and Development. Abstract: A model to justify the cost of training was developed from a case study of employee terminations and training in a data processing software firm. Analysis of trainee versus non-trainee turnover is proposed as a less costly substitute for the more classic training evaluation measures of pre- and post-training testing and observation. Careful documentation of training participation and turnover records is essential for meaningful results. Training and development journal. July 1979. v. 35 (7). p. 3-7. charts. 3 ref.

(ECONOMICS AND ADMINISTRATION)

0918

Employing the handicapped : a practical compliance manual / by Arno B. Zimmer.
Zimmer, Arno B. New York AMACOM c1981.
Abstract: The employment rights of America's disabled citizens are addressed and interpreted in layman's language; specifically addressed are the law and compliance issues for employers. Legal aspects cover: federal laws affecting employees; various state laws and state court cases; and a detailed review of the operations of the Office of Federal Contract Compliance Programs (part of the US Department of Labor). Compliance issues for the employer consider: creating accessibility and mainstreaming accommodations; developing financial incentives and minimizing the liability myth of handicapped individuals; achieving the ability for employers to cope effectively; and how employers can develop an affirmative action plan. (wz). Includes index. 374 p. : ill. ; 23 cm. (NAL Call No.: KF3469.Z55 B-3100).

0919

Estimating employee replacement costs.
Teel, Kenneth S. Swathmore : American Management Association. Abstract: There are measurable costs associated with employee turnover and replacement. Separation, acquisition and training all influence the overall cost. Production cost is also a factor if a vacancy is lengthy. Estimates of the cost of turnover can be used by an organization when budgeting for future replacement costs. Once these costs are figured for various job levels, management should be made aware of them so appropriate actions can be taken to efficiently cope with turnover. (kbc). Personnel journal. Dec 1983. v. 62 (12). p. 956, 958, 960. ill. Includes 3 references. (NAL Call No.: 280.8 J824).

0920

Family labor supply with taxes / Jerry Hausman, Paul Ruud.
Hausman, Jerry. Cambridge, Mass. National Bureau of Economic Research 1984. "February 1984.". 15 p. ; 28 cm. -. Bibliography: p. 14. (NAL Call No.: HB1.A2N3 no.1271).

0921

Firm-level policy toward older workers /Olivia S. Mitchell, Rebecca A. Luzadis. -.
Mitchell, Olivia S. Cambridge, Mass. (1050 Massachusetts Avenue, Cambridge 02138) : National Bureau of Economic Research, 1985. "March 1985.". 33, 4 p. : ill. ; 28 cm. -. Bibliography: p. 29. (NAL Call No.: DNAL HB1.A2N3 no.1579).

0922

Foodservice: Haven for the foreign-born worker.
Tinsley, Elisa. Denver, Cahners Publishing Co. Abstract: Although immigration patterns in America have changed dramatically, the influx continues. Many of the new arrivals find their first jobs in the foodservice industry while they learn enough English to try to advance. The industry has provided opportunities for many people; success is not automatic but can come to anyone who works hard. Problems associated with immigration, legal or illegal, are voiced by various segments of society: too much competition for too few jobs; displacement of unskilled workers; exploitation of people unable to defend themselves; lowering of productivity; racial polarization and tension; and most recently, the expectation of refugees to be supported by welfare. In spite of the problems and potential conflict, the economic and social opportunities will continue to lure immigrants. Institutions. Sept 15, 1980. v. 87 (6). p. 75-80. ill. (NAL Call No.: TX1.I55).

0923

From agriculture to services.
Singelmann, Joachim. Beverly Hills Sage Publications c1978. 175 p. ; 22 cm. -. Bibliography: p. 165-171. (NAL Call No.: HD6955.S57).

0924

How to beat the coming labor shortage.
Lindroth, Joan. Swathmore, Pa., American Management Association. Abstract: Personnel managers are told how to prepare for the coming labor shortage. A decline in young people and an increase in older individuals will make it advantageous to use the fringe labor population such as retirees, the handicapped, temporary employees, unemployed youths, and ex-offenders. Changing attitudes and increased training will be necessary to make these labor force changes possible. (ds). Personnel journal. Apr. 1982. v. 61 (4). p. 268-272. (NAL Call No.: 280.8 J824).

0925

Human resource dimensions of rural development.
Marshall, F. Ray. Austin Center for the Study of Human Resources, The University of Texas at Austin c1977. 258 p. ; 28 cm. Includes bibliographical references. (NAL Call No.: HD5725.S85H85).

0926

Inter-country comparisons of labor force trends and of related developments an overview /Jacob Mincer. -.
Mincer, Jacob. Cambridge, Mass. (1050 Massachusetts Avenue, Cambridge, MA 02138) : National Bureau of Economic Research, 1984.

"August 1984." . 36, 20 p. : ill. ; 28 cm. -. Bibliography: p. 51-52 . (NAL Call No.: DNAL HB1.A2N3 no.1438).

0927

Labor compensation and the structure of private pension plans : evidence for contractual versus spot labor markets / David A. Wise.
 Wise, David A. Cambridge, Mass. (1050 Massachusetts Avenue, Cambridge, Mass. 02138) National Bureau of Economic Research 1984. "March 1984." . 33, (4) p. ; 28 cm. -. Bibliography: p. 33. (NAL Call No.: HB1.A2N3 no.1290).

0928

Labor force growth and employment expansion in Hawaii / Tu Duc Pham and Bertrand M. Renaud.
 Pham, Tu Duc. (Honolulu) Hawaii Agricultural Experiment Station, University of Hawaii 1979. Cover title. 38, (1) p. : ill. ; 23 cm. -. Bibliography: p. 38-(39). (NAL Call No.: 100 H313(1) no.154).

0929

Myths, management and women.
 Biles, George E. Pryatel, Holly A. Swathmore, Pa., American Management Association. Abstract: A definite imbalance is inherent in today's labor force, particularly women's representation in the managerial ranks. Various outmoded misconceptions about women as workers which contribute heavily to this bias are pinpointed. Suggestions are made for increasing the number of women managers in business. The personnel manager should pursue the development of women as a management resource by working to change discriminatory practices. Doing this will enlarge the recruitment field and improve the quality of applicants for top jobs. Personnel journal. Oct 1978. v. 57 (10). p. 572,575-577. 23 ref. (NAL Call No.: 280.8 J824).

0930

National forum helps hospitals cut food costs.
 Card, Bert. Chicago, American Hospital Association. Abstract: The Voluntary Effort is a program conceived by various health care organizations to provide a focus for containing costs. Ideas and information were solicited from all segments of health care services, organized, and published in the American Society for Hospital Food Service Administrators' newsletter. The process is a continuous one, with new suggestions appearing regularly. The ideas for cost containment cover staffing, equipment methods, product evaluation and purchasing, new equipment, shared purchasing, evaluation techniques, and productivity. Some examples: a change from name brand carbonated drinks saved one hospital

\$18,000; development of an "on-call" list of employees willing to work as needed to cut down on overtime pay; and conversion of a satellite bulk food service to unitized thermal tray system, saving over \$26,000. Hospitals. Mar 16, 1980. v. 54 (6). p. 101-103. ill. (NAL Call No.: RA900.H6).

0931

Poor people's movements.

Piven, Frances Fox. Cloward, Richard A. New York Pantheon Books c1977. xiv, 381 p. ; 25 cm. Includes bibliographical references and index. (NAL Call No.: HD8076.P55 1977).

0932

Predictions for personnel and industrial relations in 1985.

French, Wendell L. Elbing, Alvar O. Swathmore, Pa., American Management Association. Abstract: Rapidly-occurring, significant changes in the scope and nature of personnel management and industrial relations have important implications for business organizations in the future; certain observable trends point to plausible predictions for the next 25 years. These trends are toward a centralization of all personnel management, industrial, and labor relations functions in large corporations under 1 corporate vice president. As a result, there will be a greater awareness of the performance of such functions inherent in the responsibilities of other executives. It is predicted that personnel tools (merit ratings, employee testing, personnel research, statistical tools, data processing) will change in specific ways. Predicted changes for the employee, the role of the executive, and changes for the unions also are discussed. Employees generally will continue to better their wages, hours, and work conditions, but performance requirements also are expected to increase. Further, both unions and management are expected to become more responsive to total economy needs in light of the threat of foreign competition. (wz). Personnel journal. May 1982. v. 61 (5). p. 347-351. 3 ref. (NAL Call No.: 280.8 J824).

0933

The resolution of the labor scarcity paradox /John A. James, Jonathan S. Skinner. -.

James, John A. Cambridge (1050 Massachusetts Avenue, Cambridge, Mass., 02138) : National Bureau of Economic Research, 1984. "November 1984." . 41, 28 p. ; 28 cm. -. Bibliography: p. 19-25 . (NAL Call No.: DNAL HB1.A2N3 no.1504).

(ECONOMICS AND ADMINISTRATION)

0934

A review of regional economic models with special reference to labor impact assessment / Gregg Ferris, Bert Mason.

Ferris, Gregg. Mason, Bert. Golden, Colo. Dept. of Energy, (Office of Energy Technology), Solar Energy Research Institute Springfield, Va. for sale by the National Technical Information Service 1979. Contract no. EG-77-C-01-4042, task no. 5379.10 ; UC-59, 59b, 60, 61, 62, 62a, 62b, 63. vi, 44 p. : ill. ; 28 cm. -. Includes bibliographical references. (NAL Call No.: HD9502.U52F47).

0935

The social cost of labor, and project evaluation : a general approach / Raaj Kumar Sah, Joseph E. Stiglitz.

Sah, Raaj Kumar. Cambridge (1050 Massachusetts Avenue, Cambridge, Mass., 02138) National Bureau of Economic Research 1983. "November 1983." 32 (15) p. ; 28 cm. -. Bibliography: p. (41-43). (NAL Call No.: HB1.A2N3 no.1229).

0936

Some aspects of the supervisor's role in affirmative action.

Reigle, Daniel H. Swathmore, Pa., American Management Association. Abstract: Some ideas are presented regarding the management of subordinates. A supervisor should be sensitive to and knowledgeable about the issues which commonly arise in work forces comprised of different groups and races and both sexes. Initiative should be taken to minimize potential problems and solve existing ones before they get worse. Stereotypes, role expectations and the ways in which they typically limit women and minority employees should be recognized and their impact minimized. Training, support and encouragement that is tailored to individual needs should be provided. Extremes of overprotection and abandonment should be avoided. Personnel journal. Nov 1978. v. 57 (11). p. 606,608.

0937

Strikes and stress: Helping employees manage.

Ayers, Herbert J. New York : American Management Association. Abstract: Stress management for strikers and those who choose not to strike is discussed. Methods to alleviate the social and psychological anxieties of a strike include: sharing information, recognizing non-striking employees for their efforts, encouraging those who feel unproductive, developing an environment of self-expression, allowing time for relaxation, and setting the tone for employee reunification. (kbc). Supervisory management. Dec 1983. v. 28 (12). p. 2-6. (NAL Call No.: 249.38 SU72).

0938

Supervisors vs. union reps: When "fair" is "foul.

Tomkiewicz, Joseph. Brenner, Otto C. New York : American Management Association. Abstract: A survey of 7,548 supervisors by Bittel and Ramsey asked the supervisors to describe their employee relationships and job responsibilities in each of 6 areas. The supervisors were divided into 4 groups: those with no union present; those with a union present and a "good" relationship with the union rep; those with a union present and a "fair" relationship with the union rep; and those with a union on the premises and a "poor" union rep relationship. The 6 areas to be evaluated were: 1) attaining departmental goals set by the company; 2) motivating employees; 3) talking to employees on a 1-to-1 basis; 4) solving departmental problems as they arose; 5) enforcing discipline; and 6) maintaining harmony within the department. A comparison and analysis of the results seem to indicate that those with "good" union relationships show no difference in the confidence to perform functions 1, 2, 4, and 6 from their counterparts without a union to deal with. However, supervisors in good union relationships reported significantly more confidence in areas 3 and 5 than those without unions. "Poor" and non-union supervisors showed little difference in areas 1-5, but those with unions were less confident about their abilities in area 6. Those with "fair" relationships with the union reps were significantly less confident than their counterparts without unions in all areas, and marginally less confident in area 6. Therefore the impact of union relationships on a supervisor's confidence does not depend on the presence or absence of a union on the premises, but does depend on the quality of the relationship itself. (rb1). Supervisory management. Jan 1984. v. 29 (1). p. 40-44. (NAL Call No.: 249.38 SU72).

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U.S. multinationals and worker participation in management the American experience in the European community /Ton DeVos. -.

DeVos, Ton, 1926. Westport, Conn. : Quorum Books, 1981. Includes index. xv, 229 p. : ill. ; 24 cm. Bibliography: p. 215-223. (NAL Call No.: DNAL HD6660.5.D48).

SOCIAL SCIENCES AND HUMANITIES

0940

Affirmative action & the woman worker.

Farley, Jennie. New York AMACOM c1979. xii, 225 p. ; 22 cm. Includes bibliographical references and index. (NAL Call No.: HD6095.F35).

0941

Class, sex, and the woman worker.

Cantor, Milton. Westport, Conn. Greenwood Press 1977. viii, 253 p. ; 22 cm. - Includes bibliographical references and index. (NAL Call No.: HD6095.C54).

0942

Compilation of the Older Americans Act of 1965 and related provisions of law, as amended through December 29, 1981 / prepared for use by the Committee on Education and Labor.

Washington U.S. G.P.O. 1982. Abstract: The text of 3 US public laws (PL), the Older Americans Act of 1965, the Older Americans Amendments of 1975 (covering prohibition of discrimination based on age), and the Comprehensive Older Americans Act Amendments of 1978 are provided. The 6 major areas addressed by the Older Americans Act of 1965, covering the major portion of this compilation, include objectives of the Act, establishment of the Administration on Aging, and its responsibilities and functions, grants for states and communities for programs on aging, authorized aspects of training, research, and discretionary programs, community service employment for older Americans and grants for US Indian tribes. (wz). At head of title: 97th Congress, 2d session. Committee print ~"May 1982.". iv, 62 p. ; 24 cm. Includes bibliographical references. (NAL Call No.: KF3737.A32A2 1982 F&N C-2707).

0943

Does knowledge intensity matter? : a dynamic analysis of research and development capital utilization and labor requirements / Jeffrey I. Bernstein, M. Ishaq Nadiri.

Bernstein, Jeffrey I. Cambridge (1050 Massachusetts Avenue, Cambridge, Mass., 02138) National Bureau of Economic Research 1983. "November 1983.". 22 (8) p. : ill. ; 28 cm. - Bibliography: p. (24-25). (NAL Call No.: HB1.A2N3 no.1238).

0944

An economic history of women in America : women's work, the sexual division of labor and the development of capitalism / Julie A. Matthaei.

Matthaei, Julie A. New York Schocken Books 1982. Includes index. xix, 381 p. ; 21 cm. Bibliography: p. 329-372. (NAL Call No.: HQ1410.M37 1982).

0945

Effect of the Department of Labor's resource allocation formula on efforts to place food stamp recipients in jobs : (a supplement to Comptroller General's report CED-78-60, April 24, 1978) : report to the Congress / by the Comptroller General of the United States.

United States ~ General Accounting Office. Washington General Accounting Office 1979. Cover title ~"A-51604.". 7, 34 p. ; 27 cm. - Includes bibliographical references. (NAL Call No.: HV696.F6U504).

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Energy and labor intensities projected to the year 2010 / by Bruce Hannon and Andrew R. Pleszkun.

Hannon, Bruce M. Pleszkun, Andrew R. (Washington) U.S. Dept. of Energy, Division of Buildings and Community Systems Springfield, Va. available from National Technical Information Service 1978. Prepared by Energy Research Group, University of Illinois at Urbana-Champaign, under contract no. EM-78-S-02-4628. viii, 154 p. : ill. ; 28 cm. - Bibliography: p. 79. (NAL Call No.: HD9502.U52H35).

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Family labor supply with taxes / Jerry Hausman, Paul Ruud.

Hausman, Jerry. Cambridge, Mass. National Bureau of Economic Research 1984. "February 1984.". 15 p. ; 28 cm. - Bibliography: p. 14. (NAL Call No.: HB1.A2N3 no.1271).

0948

From working girl to working mother the female labor force in the United States, 1820-1980 / Lynn Y. Weiner. -.

Weiner, Lynn Y., 1951. Chapel Hill : University of North Carolina, c1985. Includes index. xii, 187 p. : ill. ; 24 cm. Bibliography: p. 165 -180. (NAL Call No.: DNAL HD6095.W39).

0949

Guide for occupational exploration. -.

Harrington, Thomas F.; O'Shea, Arthur J. S.I. : National Forum Foundation ; Circle Pines, Minn. : Distributed by AGS, American Guidance Service, c1984. "Contains data based on research conducted by the Division of Occupational Analysis and the Division of Testing of the United States Employment Service, Department of Labor"~ "Originally published in 1979 by the U.S. Department of Labor, Employment and Training Administration". vii, 984 p. : ill. ; 28 cm. Bibliography: p. 588. (NAL Call No.: DNAL HB2595.G85 1984).

(SOCIAL SCIENCES AND HUMANITIES)

0950

Immigrants--and immigrants.

Corwin, Arthur F. Westport, Conn. Greenwood Press 1978. xii, 378 p., (6) leaves of plates ill., maps ; 25 cm. - (NAL Call No.: HD8081.M6143).

0951

Immigration Reform and Control Act of 1983 : hearing before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, first session, on H.R. 1510, June 15, 1983.

United States ~ Congress ~ House ~ Committee on Agriculture. Washington, D.C. U.S. G.P.O. 1983. "Serial no. 98-14.". iv, 386 p. : ill. ; 24 cm. Includes bibliographical references. (NAL Call No.: KF27.A3 1983a).

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Knowing the score : play-by-play directions for women on the job / Betty Lehan Harragan.
Harragan, Betty Lehan. New York St. Martin's Press c1983. Abstract: A book to help women understand gamesmanship in the office presents concrete examples of problem situations. The introductory chapters provide play-by-play directions (game rules) geared to helping women know the score in the 1980s office. The information is designed to help women avoid pitfalls as they climb the career ladder. Experiences related by the author are accounts of actual situations, women have shared with her and from her monthly magazine column. The letters and answers reprinted from the column cover problems with bosses and co-workers, negotiated promotions and salary increases, sexual harassment and sexual relationships in the office and moving on. The hard-nosed advice given is aimed and helping women keep on the inside fast track. (kbc). Includes index. xv, 207 p. ; 22 cm. (NAL Call No.: HD6053.H3 1983 F&N B-3878).

0953

A list of references for the history of Black Americans in agriculture, 1619-1980 / compiled by Joel Schor.

Schor, Joel. Davis Agricultural History Center, University of California 1981. "June 1981. ~"A cooperative project by the Agricultural History Branch, Economics and Statistics Service, U.S. Department of Agriculture and the Agricultural History Center. ~Includes index. iv, 166 p. ; 28 cm. (NAL Call No.: Z5075.U5L5 1981).

0954

Migrant child welfare : a state of the field study of child welfare services for migrant children and their families who are in-stream, home based, or settled-out : final report / by David N. Cavanaugh ... (et al.).

InterAmerica Research Associates. Cavanaugh, David N. (Washington) National Center for Child Advocacy, Children's Bureau, Office of Child Development, U.S. Dept. of Health, Education, and Welfare 1977. Performed under contract no. HEW-105-76-1140, National Center for Child Advocacy and prepared by members of InterAmerica Research Associates. 409 p. : ill. ; 27 cm. - Bibliography: p. 405-409. (NAL Call No.: HV881.I5).

0955

Power and influence of career women.

Madison, Wis., American Society for Training and Development. Abstract: The rise of American working women to positions of power and influence is the subject of a report entitled "The Quiet Revolution", issued by Time's Marketing Department. Three types of working women are analyzed: the professional/managerial or career woman; the clerical/sales woman; and the blue collar service worker. Higher education and greater affluence distinguish the career woman from other working women. The career woman's lifestyle is more active and involved, resulting in media. Training and development journal. Oct 1979. v. 33 (10). p. 10.

0956

The psychological and social implications of the entrance of women into the labor force : an annotated bibliography of source material / by Nigel Vaughan, Robert Slater, and Charles Jackson.

Vaughan, Nigel, 1948. Slater, Robert.; Jackson, Charles. Chicago, Ill. CPL Bibliographies 1980. vi, 72 p. ; 28 cm. - (NAL Call No.: Z690.A1C62 no.41).

0957

Reflections of a former migrant.

Judson, Horace A., 1941. Baltimore Maryland State Dept. of Education, Division of Compensatory, Urban and Supplementary Programs 1978. 28 p. : ill. (NAL Call No.: LC5151.J8).

0958

Seasonal agricultural labor markets in the United States : final report / edited by Robert D. Emerson.

Emerson, Robert D. (Gainesville) Food and Resource Economics Dept., Florida Agricultural Experiment Stations, Institute of Food and Agricultural Sciences, University of Florida

Springfield, Va. Available from NTIS 1981.
 Prepared under grant no. 21-12-79-12 from
 Employment and Training Administration, U.S.
 Dept. of Labor. xxxii, 681 p. : ill. ; 28 cm.
 Bibliography: p. 655-672. (NAL Call No.:
 HD1525.S4).

0959

The state of Chicano research on family, labor, and migration proceedings of the First Stanford Symposium on Chicano Research and Public Policy /edited by Armando Valdez, Albert Camarillo, and Tomas Almaguer. -.

Valdez, Armando.; Camarillo, Albert.; Almaguer, Tomas. Stanford, Calif. (P.O. Box 9341, Stanford 94305) : Stanford Center for Chicano Research, c1983. "Symposium was organized by the Stanford Center for Chicano Research"--Pref. xiii, 244 p. ; 23 cm. Includes bibliographies and index. (NAL Call No.: DNAL HD8081.M6S72 1982).

0960

Understanding Mexican American culture: A training program.

Lasater, Tonia Tash. Montalvo, Frank F. Washington : Office of Human Development Services, Department of Health and Human Services. Abstract: A Mexican American Culture Simulator (MACS) for child welfare was designed to increase workers' understanding of and sensitivity to culture, values, and customs of Mexican American families. Cultural values must be considered when training programs are undertaken. The MACS is a self instructional module made up of 2 volumes of vignettes (40 incidents) of client-worker misunderstanding (resulting from differences in sociocultural backgrounds) and a trainers's manual with additional information. The training program focuses on traditional values of Mexican Americans; acculturation of individuals and core values common to the group are considered. (kbc). Children today. May/June 1982. v. 11 (3). p. 23-25, 35. Includes bibliographical references. (NAL Call No.: HV701.C51).

0961

Women in the U.S. labor force / edited by Ann Foote Cahn for the Joint Economic Committee ; foreword by Muriel Humphrey ; introd. by Joan Huber.

Cahn, Ann Foote. New York Praeger 1979. xxxii, 309 p. : ill. ; 25 cm. Includes bibliographical references and index. (NAL Call No.: HD6095.W696).

0962

Workers without jobs : a chartbook on unemployment / U.S. Department of Labor, Bureau of Labor Statistics.

Sprinkle, Debbie L. Washington, D.C. The Bureau For sale by the Supt. of Docs., U.S. G.P.O. 1983. "July 1983." vi, 64 p. : 28 col. charts ; 21 x 28 cm. - Bibliography: p. 64. (NAL Call No.: 158.6 B87 no.2174).

U.S. NUTRITION PROGRAMS

0963

Food stamp participation of hired farmworker families.

Smith, Leslie Whitener. Rowe, Gene. Washington USDA 1978. Extract: This report presents a socioeconomic profile of approximately 207,000 hired farmworker families (including 9,000 migrant families) participating in the Food Stamp Program in November 1975 and identifies various factors related to program participation. These families contained approximately 1.1 million family members, averaging 5.3 members per family. Hired farmworker families were almost twice as likely to participate in the Food Stamp Program as all U.S. families. Family income and size, ethnicity, and region were highly associated with farmworker family participation. In addition, the socioeconomic characteristics of farmworker food stamp families differed considerably from those of all hired farmworker families and all U.S. families receiving food stamps. 70 p. ; 24 cm. -. (NAL Call No.: HV696.F6S6 F&N).

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