

PUBLICATIONS AND GRADUATE THESES
IN AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

January 1, 1997 - December 31, 1997

Edited by Maxine Cole

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Department of Agricultural Economics and Rural Sociology
Current Faculty Members and
Areas of Emphasis

James A. Araji

Evaluation of Agricultural Research and Extension Programs
Technology Assessment
Post-Harvest Loss
Foreign Agricultural Development

John E. Carlson

Rural Sociology
Social Aspects of Rural Programs and Policies
Attitude and Opinion Surveys
Social Implications of Soil and Water Policies

Steven C. Cooke

Economic Development
Public Finance

Stephen Devadoss

Agricultural Trade
Quantitative Methods
Micro and Macroeconomics

John C. Foltz

Agribusiness Management
Resource Economics
Agricultural Cooperatives
Dairy/Cheese Economics

Joseph F. Guenther

Potato Economics
Agricultural Marketing
Agricultural Policy

C. Wilson Gray (Twin Falls)

Farm Management
Livestock Marketing
Computer Applications on Farms

Joel R. Hamilton

Land, Water, and Energy Economics
Economics of Endangered Species Recovery
Regional Economic Aspects of Rural Communities
Applied Statistical Methods and Microcomputer Applications
Methods for Conflict Resolution and Management

Aaron J. Harp

Rural Sociology
Rural Development
Sustainable Agriculture

James R. Jones

International Agricultural Markets, Prices, and Trade
Agricultural Trade with Pacific Rim and Transitional Economies
Maritime Transportation

Roger B. Long (Retired April 1997)

Demand for Agricultural Inputs
Land and Water Economics

Larry D. Makus

Agricultural Marketing
Agricultural Policy

Gerald E. Marousek

Livestock Marketing
Agricultural Development

Neil L. Meyer

National and Agricultural Policy Affecting Agriculture
Domestic Transportation of Agricultural Commodities
Rural Economic Development

Edgar L. Michalson (Retired December 1995)

Agricultural Policy
Agricultural Business Management
Economics of Erosion Control (STEER)
Natural Resource Economics

James R. Nelson

Rural Development
Natural Resource Economics

Paul E. Patterson (Idaho Falls)
Farm Management
Economics of Crop Production
Marketing

Neil R. Rimbey (Caldwell)
Range Management
Farm Management
Dairy Management

David J. Walker
Economic Problems Associated with Water and Soil Resources
Farm Management
Natural Resource Appraisal

Russell V. Withers
Farm Management
Farm Appraisal and Land Tenure
Alternative Crop Economics

RESEARCH ASSOCIATES

Robert L. Smathers Jr.
Farm Management
Budget Generator

POST-DOCTORAL ASSOCIATES

Roger H. Coupal
Regional Economist

Siddharth Dasgupta
Production Economics

Shunxiang Wu
Economic Problems Associated with Water and Soil Resources

REFEREED JOURNALS (Articles)

Devadoss, Stephen, S. Li and J. Jones. "A Stochastic Simulation Analysis of the Effects of Indian Wheat Production Instability on World Wheat Market." *Journal of Policy Modeling*, 19(4): 375-379.

Eberlein, Charlotte V., **P. Patterson**, M Guttieri and J. Stark. "Efficacy and Economics of Cultivation for Weed Control in Potatoes (*Solanum Tuberosm*). *Weed Technology*, Vol. 11: 257-264.

Lanclos, D. Kent, **S. Devadoss and J. Guenther.** "Impacts of Foreign Direct Investment and Advertising on the Export Demand for U.S. Frozen Potatoes." *Agribusiness: An International Journal*, 13(3): 273-284.

Wu, Shunxiang, D. Walker, K. Painter, and R. Biggam. "Economic and Environmental Impacts of Planting Flexibility and Conservation Compliance: Lessons from the 1990 Farm Bill for Future Farm Legislation." *Agricultural and Resource Economics Review*, Vol. 26, pp. 216-228.

PROCEEDINGS

Cooke, Stephen C. "Idaho's 1996 One Percent Property Tax Initiative." Proceedings of the 1997 Pacific Northwest Regional Economics Conference, Washington State University, Pullman, Washington, November. <http://cache.wsu.edu/~pnrec97/cooke2.htm>

Rynk, Robert F., G. Fornshell, F. Buyuksonmez, T. Hess and **J. Foltz**. "Composting and Vermicomposting: Alternative Practices for Managing Manure and Mortalities on Aquaculture Farms." Proceedings of the Aquaculture 98 Triennial Meeting of the World Aquaculture Society in collaboration with the National Shellfisheries Association, Las Vegas, Nevada, February.

Topolewski, Marcin J. and **J. Guenther**. "Super Powers of the Future: Fast Food and French Fries." Proceedings of the Idaho Potato School, January.

PAPERS PRESENTED AT PROFESSIONAL MEETINGS

Brusven, Merle A., R. Biggam, **D. Walker, and S. Wu.** "Integrated Watershed Systems Approach to Assess Nonpoint Source Pollution: An Ecologic-Economic Assessment." Paper presented at the 45th Annual Meeting of the North American Benthological Society, San Marcos, Texas, May 26-30.

Dasgupta, Siddharta, T. Awokuse, and **S. Devadoss.** "Spatial Price Linkages in U.S. Regional Broiler Markets." Paper presented at the Western Agricultural Economics Association, Reno, Nevada, July.

Dasgupta, Siddharta and S. Devadoss. "Efficient Land Tenure Contract under Asymmetric Information." Paper presented at the Western Agricultural Economics Association, Reno, Nevada, July.

Devadoss, Stephen, D. K. Lanclos, **J. Foltz and J. Carlson.** "Findings of the AAEA Survey on Meeting Attendance." Paper presented at the American Agricultural Economics Association, Toronto, Canada, July.

Guenther, Joseph F. "Impacts of Canadian Trade on US Potato Growers." Testimony at hearing of The International Trade Commission, Washington, DC, April.

Schoney, Richard A. and N. Meyer. "The Use of Cost of Production to Assess Cross Border Barley Competitiveness- A Case Example of Idaho and Saskatchewan." Paper presented at the American Agricultural Economics Association, Toronto, Ontario, Canada, July.

Wu, Shunxiang, D. Walker. "The Trend and Changing Structure of Idaho Farms." Paper presented at the 31st Annual Pacific Northwest Regional Economic Conference, Spokane, Washington, April 24-26.

Wu, Shunxiang, R. Withers, and D. Walker. "Technical Efficiency and Decomposition for Sugarbeet Farms in Southern Idaho and Eastern Oregon." Paper presented at the 31st Annual Pacific Northwest Regional Economic Conference, Spokane, Washington, April 24-26.

OTHER PAPERS PRESENTED

Gray, C. Wilson. "BASIS: The Key to Effective Use of Dairy Hedging and Options." Presented for the Managing Price Risk Workshop, September.

Guenther, Joseph F. "Global Markets." Presented at the Chipping Potato Seminar, National Potato Council and US Snack Food Association, Hilton Head, South Carolina, March.

Guenther, Joseph F. "Vertical Integration in the Potato Industry." Presented at the Chipping Potato Seminar, National Potato Council and US Snack Food Association, Hilton Head, South Carolina, March.

Meyer, Neil L. "Public Issues Education and Civic Activism." Paper presented at the National Conference on Civic Activism, Orlando, Florida, February 27 – March 1.

Meyer, Neil L. "Surviving Controversial Issues Workshops." Paper presented at the National Extension Public Policy Education Conference, Farm Foundation, Charleston, South Carolina, September.

POPULAR OR TRADE PUBLICATIONS

Akridge, Jay and **J. Foltz**. "Time Management – Strategies for Managing your Most Important Resource." Feed & Grain. October/November.

Erickson, Steven P. and **J. Foltz**. "Evaluating Business Decisions with Break-Even Analysis." Feed & Grain. April/May.

Falk, Dean E., Ed Fiez, and **C. Wilson Gray**. "Herd Size of Idaho Dairies." The Progressive Dairyman, Vol.10 No. 11, October.

Foltz, John C. and S. Erickson. "Managing Your Public Image." Feed & Grain. February/March.

Gray, C. Wilson. "Cattle Outlook," University of Idaho. Department of Agricultural Economics and Rural Sociology. December.

Gray, C. Wilson. "Dairy Outlook," University of Idaho. Department of Agricultural Economics and Rural Sociology. December.

Gray, C. Wilson. "Fall Cattle Outlook," Extension Focus. October/November.

Gray, C. Wilson. "Idaho Dairy Outlook for 1998." Dairyman Magazine. December.

Gray, C. Wilson. "Meat Animal Outlook," Pacific Northwest Agricultural Situation and Outlook. December.

Gray, C. Wilson. "New Tax Legislation Takes Effect This Year." Extension Focus. February-March Issue.

Guenther, Joseph F. "Agribusiness Gears Up for Precision Agriculture." Spudman. September.

Guenther, Joseph F. "The Co-ops are Coming." Spudman. March.

Guenther, Joseph F. "Discussing the 1997 Crop." Spudman. April.

Guenther, Joseph F. "Global Markets: Potato Growers will have Worldwide Opportunities for Success in the Next Century." Badger Common Tater. November.

Guenther, Joseph F. "A Hearing at the International Trade Commission." Spudman. May.

Guenther, Joseph F. "The Potato Marketing Game." Spudman. February.

Guenther, Joseph F. "Potato Market Perspectives." Potato Country. January.

(Popular or Trade Publications: continued)

Guenthner, Joseph F. "Potato Prices Up, Supplies Down in 1998." Intermountain Farm and Ranch. December.

Guenthner, Joseph F. "Shoot, Shovel and Shut Up." Spudman. July.

Guenthner, Joseph F. "Supply Up, Prices Down." American Vegetable Grower. January.

Guenthner, Joseph F. "The Value of Potato Pesticides." Spudman. November.

Guenthner, Joseph F. "The Yield Explosion." Spudman. January.

Hartmans, Martha A. and N. Meyer. "Agriculture and Community Services: The Cases of Canyon and Cassia Counties in Idaho." Idaho Grain.

Smathers, Robert L. "Unleashing the Electricity Markets." Published as an insert in Capital Press. January.

MISCELLANEOUS PUBLICATIONS AND OTHER MEDIA

Cooke, Stephen C., B. Weber and G. Goldman. "Evaluating Fiscal Impact Studies: Community Guidelines." Book chapter in *The Rural Town: Designing for Growth and Sustainability*. Wendy McClure, editor. Center for Business Development and Research, University of Idaho, Moscow, Idaho.

Fedane, C., **J. Jones, S. Devadoss**, and T. Wahl. "The Uruguay Round GATT Agreement and Pacific Northwest Wheat Exports." IMPACT Center Information Series #91, Washington State University, Pullman, Washington.

Gray, C. Wilson, D. Falk and L. Brandon, "Dairy Economic Update," Vol 1, No. 3, November.

Gray, C. Wilson, D. Falk and J. Shopbell, "Dairy Economic Update," Vol 1, No. 2, August.

GRADUATE THESES

Guo, Yuying. "Pacific Northwest Wheat Exports and the Columbia River Channel Dredging Project." Advisor: James R. Jones. May.

Iqbal, Amer. "Effects of NAFTA and the Peso Devaluation on U.S. Mexico Trade." Advisor: Stephen Devadoss. September.

Julia-Wise, Roxana. "A Computable General Equilibrium Model of Property Tax Reform in the State of Idaho." Advisor: Stephen C. Cooke. July.

Nedrow, Bret A. "Economic Benefits of Pesticide Use in the United States Fall Potato Industry." Advisor: Joseph F. Guenther.

Topolewski, Marcin. "Impact of the Fast Food Industry and Advertising on U.S. Frozen French Fry Exports." Advisor: Joseph F. Guenther. June.

AGRICULTURAL EXPERIMENT STATION PUBLICATIONS

Hartmans, Martha A., H. Zhang, and E. Michalson. "The Costs of Yellow Starthistle Management." University of Idaho Agricultural Experiment Station Bulletin 793.

Marousek, Gerald E. "Budgeting Value-Added Beef Production for Specialty Markets." University of Idaho Agricultural Experiment Station Bulletin 796.

COOPERATIVE EXTENSION PUBLICATIONS

Smathers, Robert L. and G. Willett. "The Costs of Owning and Operating Farm Machinery in the Pacific Northwest." Pacific Northwest Cooperative Extension Bulletin, PNW 346. December.

IDAHO CROP ENTERPRISE BUDGETS*

Smathers, Robert L, Patterson, Paul E, Gray, C. Wilson, Rimbey, Neil R., et al.

1997 District I Crop Enterprise Budgets - Northern Idaho.

<u>Publication No.</u>	<u>Titles</u>
EBB1-GB-97	Garbanzo beans
EBB1-SC-97	Spring Canola
EBB1-Le-97	Lentils
EBB1-SP-97	Spring Peas
EBB1-WR-97	Winter Rapeseed
EBB1-BSI-97	Bluegrass Seed: Irrigated
EBB1-BEI-97	Bluegrass Seed Establishment: Irrigated
EBB1-BS-97	Bluegrass Seed
EBB1-BSE-97	Bluegrass Seed Establishment
EBB1-TS-97	Timothy Grass Seed
EBB1-TSE-97	Timothy Grass Seed Establishment
EBB1-FB-97	Feed Barley
EBB1-Oa-97	Oats
EBB1-SWW-97	Soft White Winter Wheat
EBB1-AH-97	Alfalfa Hay Production
EBB1-AE-97	Alfalfa Hay Establishment
EBB1-GH-97	Grass Hay Production
EBB1-GHE-97	Grass Hay Establishment

* all budgets cost .40 each

(Idaho Crop Enterprise Budgets* - continued)**Smathers, Robert L, Patterson, Paul E, Gray, C. Wilson, Rimbey, Neil R., et al.**

1997 District II Crop Enterprise Budgets – Southwestern Idaho

EBB2-DB-97	Commercial Dry Beans
EBB2-CSI-97	Corn Silage
EBB2-FC-97	Field Corn
EBB2-On-97	Onions
EBB2-Po1-97	Russet Burbank Commercial Potatoes: No Storage
EBB2-Po2-97	Shepody Commercial Potatoes: No Storage
EBB2-Su-97	Sugarbeets
EBB2-M-97	Mint Production
EBB2-ME-97	Mint Establishment
EBB2-AS-97	Alfalfa Seed
EBB2-FB-97	Feed Barley
EBB2-SW-97	Spring Wheat
EBB2-WW-97	Winter Wheat
EBB2-AH-97	Alfalfa Hay Production
EBB2-AE1-97	Alfalfa Hay Establishment
EBB2-AE2-97	Alfalfa Establishment with Oats
EBB2-Pa-97	Pasture
EBB2-PaE-97	Pasture Establishment

* all budgets cost .40 each

(Idaho Crop Enterprise Budgets* - continued)

Smathers, Robert L, Patterson, Paul E, Gray, C. Wilson, Rimbey, Neil R. et al.

1997 District III Crop Enterprise Budgets – Southcentral Idaho

EBB3-DB-97	Commercial Dry Beans
EBB3-CS-97	Corn Silage
EBB3-FC-97	Field Corn
EBB3-SC-97	Sweet Corn
EBB3-PS-97	Dry Pea Seed
EBB3-Po1-97	Russet Burbank Commercial Potatoes: No Storage
EBB3-Po2-97	Russet Burbank Commercial Potatoes: On -Farm Storage
EBB3-Su-97	Sugarbeets
EBB3-AS-97	Alfalfa Seed
EBB3-BS-97	Bluegrass Seed
EBB3-BSE-97	Bluegrass Seed Establishment
EBB3-FB-97	Feed Barley
EBB3-MB-97	Malting Barley
EBB3-HRS-97	Hard Red Spring Wheat
EBB3-SWS-97	Soft White Spring Wheat
EBB3-SWW-97	Soft White Winter Wheat
EBB3-AH-97	Alfalfa Hay Production
EBB3-AE1-97	Alfalfa Hay Production with Peas
EBB3-AE2-97	Alfalfa Hay Establishment following Winter Wheat

Blaine and Lincoln Counties

EBB5-MB-97	Malting Barley
EBB5-SW-97	Spring Wheat
EBB5-AH-97	Alfalfa Hay Production
EBB5-AE-97	Alfalfa Hay Establishment with Oats

Lemhi, Custer, Butte Counties

EBB6-FB-97	Feed Barley
EBB6-AH-97	Alfalfa Hay Production
EBB6-AE1-97	Alfalfa Hay Establishment with Barley
EBB6-AE2-97	Alfalfa Hay Establishment with Oats

* all budgets cost .40 each

(Idaho Crop Enterprise Budgets* - continued)**Smathers, Robert L, Patterson, Paul E, Gray, C. Wilson, Rimbey, Neil R. et al.**

1997 District IV Crop Enterprise Budgets – Southeastern Idaho

EBB4-Po1-97	Russet Burbank Commercial Potatoes: No Storage
EBB4-Po2-97	Russet Burbank Commercial Potatoes: On Farm Storage
EBB4-P03-07	Chipping Potatoes: On Farm Storage
EBB4-Po4-97	G-3 Russet Burbank Seed Potatoes
EBB4-Su-97	Sugarbeets
EBB4-PS-97	Dry Pea Seed
EBB4-SC-97	Spring Canola
EBB4-SCD-97	Spring Canola: Dryland
EBB4-FB-97	Feed Barley
EBB4-FBD-97	Feed Barley: Dryland
EBB4-MB-97	Malting Barley
EBB4-HRS-97	Hard Red Spring Wheat
EBB4-SWS-97	Soft White Spring Wheat
EBB4-WWD-97	Summer Fallow – Winter Wheat: Dryland
EBB4-AH-97	Alfalfa Hay Production
EBB4-AE-97	Alfalfa Hay Establishment in Grain Stubble

* all budgets cost .40 each

DEPARTMENTAL WORKING PAPERS**Agricultural Economics Extension Series:**

Cole, Maxine F. "Publications and Graduate Thesis in Agricultural Economics and Rural Sociology." AEE No. 97-1.

Coupal, Roger H. "The Economic Base of Idaho, 1993." AEE No. 97-2. February.

Coupal, Roger H. "The Economic Base of Idaho: A Regional Analysis." AEE No. 97-4. May.

Coupal, Roger H. and N. Meyer. "Economic Structure of Idaho." AEE No. 97-3.

Gray, C. Wilson. "A to Z Retained Ownership, Inc. 1997 Year-End Summary." AEE No. 97-6.

Gray, C. Wilson. "The "L" Budget User Guide." AEE No. 97-5.

Patterson, Paul E., C. Wilson Gray, and N. Rimbey. "1997 Planning Prices for Idaho Crops and Livestock." AEE No. 97-7.

Patterson, Paul E. and R. Smathers. "1997 Crop Inputs Cost Summary for Idaho." AEE No. 97-8. December.

Agricultural Economics Research Series:

Cooke, Stephen C. "A Comparative Perspective of Economic Growth on the Palouse." AER No. 97-7. September.

Cooke, Stephen C. "A Fiscal Impact Model for Teton County, Idaho: Coping with Growth." AER No. 97-1. March.

Cooke, Stephen C. and L. Fox. "Data Tables, Sources and Formulas for the Idaho Fiscal Impact Model." AER No. 97-3. May.

Cooke, Stephen C. "Idaho Cumulative Mandates Study – Financial Conditions in Several of Idaho's Small Cities." AER No. 97-6. September.

Foltz, John C. "Final Report – Consumer Perceptions of Trout as a Food Item." USDA/FSMIP Grant in cooperation with the Idaho Department of Agriculture. AER No. 97-5. August.

(Agricultural Economics Research Series: continued)

Foltz, John C. "Preliminary Results – Consumer Perceptions of Trout as a Food Item." USDA/FSMIP in cooperation with the Idaho Department of Agriculture. AER No. 97-4. May.

Guenther, Joseph F. and H. Loughmiller. "Idaho Agriculture Outlook." AER No. 97-2. January.

Harp, Aaron J. and Neil R. Rimbey. "A Critical Review of the Social and Economic Analyses in the 'Upper Columbia Basin Ecosystem Management Project Draft Environmental Impact Statement', report presented to Governor Philip E. Batt. AER No. 97-8. November.

ECONOMIC ISSUES

Gray, C. Wilson. "Cattle Inventory Confirms Beef Herd Liquidation; Idaho Dairy Herd Sets Record." Economic Issues EI 97-01. February.

Gray, C. Wilson. "Farm Computer Use in Idaho." Economic Issues EI 97-02. August.

IDAHO ECONOMICS NEWSLETTER**Idaho Economics**

Cooke, Stephen C. "A Problem for Small Idaho Cities: Paying for Growth and Mandates." Idaho Economics. August.

Coupal, Roger H. "The Economic Base of Idaho, 1993." Idaho Economics. February.

Gray, C. Wilson. "Time to Add Beef Replacement Heifers?" Idaho Economics. May.

Harp, Aaron J. "Employment and Income in Idaho." Idaho Economics. November.

Junk, Virginia, Fox, L., **J. Carlson**, and Rudizitis, G. "Migration of Older Persons to Idaho." Idaho Economics. August.

Rimbey, Neil R. "Grazing Fees for Idaho State Lands." Idaho Economics. February.

Tominaga, Lynn and **Neil L. Meyer.** "What is all the Fuss? TMDLs and Idaho." Idaho Economics. November.

Withers, Russell. "Observations on the Value of Farmland." Idaho Economics. May.