

Department of Agricultural Economics
University of Wyoming

Publications and Major Professional Papers 1993

Refereed Papers

- Held, L.J., E.A. Wenberg and J.J. Jacobs.** “Potential Value of Soil Conservation Service Streamflow Outlook Based on Flexible Crop Combinations.” *Journal of Production Agriculture*. 6(1):126-132. 1993.
- Held, L.J., D.M. Feuz and E.R. Edens.** “A Risk Evaluation of Alternative Western Ranching Systems.” *Journal of American Society of Farm Managers and Rural Appraisers*. 57(1):63-69. 1993.
- Hoffman, E., **D.J. Menkhaus**, D. Chakravortis, R.A. Field and **G.D. Whipple.** “Using Laboratory Experimental Auctions in Marketing Research: A Case Study of New Packaging for Fresh Beef.” *Marketing Science*. 12(3):318-338. 1993.
- Medeiros, L.C., R. Shipp, **D.T. Taylor.** “Dietary Practices and Nutrition Beliefs Through the Adult Life Cycle.” *Journal of Nutrition Education*. 25(4). 1993.
- Menkhaus, D.J., D.P.M. Colin, G.D. Whipple** and R.A. Field. “The Effects of Perceived Product Attributes on the Perception of Beef.” *Agribusiness: An International Journal*. 9(1):57-63. 1993.
- Rafsnider, G.T., A. Driouchi, B.V. Tew and D.W. Reid.** “Theory and Application of Risk Analysis in an Agricultural Development Setting: A Moroccan Case Study.” *European Review of Agricultural Economics*. 20(4):72-86. 1993.
- Schmitz, J., D.J. Menkhaus, G.D. Whipple,** E. Hoffman and R.A. Field. “Impact of Changing Consumer Preferences on Willingness-to-Pay for Beef Steaks in Alternative Retail Packaging.” *Journal of Food Distribution Research*. 24(3):23-35. 1993.
- Taylor, D.T., R.R. Fletcher and T. Clabaugh.** “A Comparison of Characteristics, Regional Expenditures, and Economic Impacts of Visitors to Historical Sites with Other Recreational Visitors.” *Journal of Travel Research*. 32(1). 1993.
- Torok, S.J. and A. Schroeder.** “Enhancing Exports on A Comparison of Severe Business Problems and Technical Assistance Need of Small Agribusinesses and Nonagribusiness Firms.” *Journal of International Food and Agribusiness Marketing*. 6(2). 1993.
- VanTassell, L.W.** and M.D. Gray. “Experience Curve Effects in Agriculture: Evidence from the Tennessee Dairy Industry.” *Agribusiness: An International Journal*. 9(6):585-593. 1993.

Books Published

Drake, K., G. Gade, F. Henderson, **J.P. Hewlett, J.J. Jacobs**, J. Jenkins and R. Weigel.
Wyoming Integrated Farm/Ranch Education: Homestead Ranch. University of Wyoming,
Cooperative Extension Service. 1993.

Drake, K., G. Gade, F. Henderson, **J.P. Hewlett, J.J. Jacobs**, J. Jenkins and R. Weigel.
Wyoming Integrated Farm/Ranch Education: Resource Handbook. University of
Wyoming, Cooperative Extension Service. 1993.

Extension and Experiment Station Bulletins

Burgener, P.A. and J.P. Hewlett. Wyoming Machinery and Operation Costs. B-982.
Agricultural Experiment Station, University of Wyoming. July, 1993.

Foulke, T. and C. Bastian. Average Prices of Cattle and Calves - Billings, Montana, 1988-
1992. AE93-1. Cooperative Extension Service and Department of Agricultural
Economics, University of Wyoming. October 1993.

Foulke, T. and C. Bastian. Average Prices of Cattle and Calves - Eastern Wyoming and
Western Nebraska, 1988-1992. AE93-2. Cooperative Extension Service and Department
of Agricultural Economics, University of Wyoming. October, 1993.

Hewlett, J.P. and C. Bastian. Crop Enterprise Budget- Alfalfa Establishment, Wheatland
Area. MP-72, Cooperative Extension Service, University of Wyoming. June 1993.

Hewlett, J.P. and C. Bastian. Crop Enterprise Budget- Alfalfa Hay, Baled, Wheatland
Area. MP-72.1. Cooperative Extension Service, University of Wyoming. June 1993.

Hewlett, J.P. and C. Bastian. Crop Enterprise Budget- Dry Beans, Wheatland Area.
MP-72.2. Cooperative Extension Service, University of Wyoming. June 1993.

Hewlett, J. P. and C. Bastian. Crop Enterprise Budget- Sugar Beets, Thick Planted,
Wheatland Area. MP-72.3. Cooperative Extension Service, University of Wyoming. June
1993.

Hewlett, J.P. and C. Bastian. Crop Enterprise Budget- Corn for Grain, Wheatland Area.
MP-72.4. Cooperative Extension Service, University of Wyoming. June 1993.

Hewlett, J.P. and C. Bastian. Crop Enterprise Budget- Corn for Silage, Wheatland Area.
MP-72.5. Cooperative Extension Service, University of Wyoming. June 1993.

Hewlett, J.P. and C. Bastian. Crop Enterprise Budget- Setaside Program, Wheatland Area. Mp-72.6. Cooperative Extension Service, University of Wyoming. June 1993.

Hewlett, J.P. Crop Enterprise Budget Software for the Wheatland Area of Wyoming. Cooperative Extension Service, University of Wyoming. May, 1993.

Hewlett, J.P. Crop Enterprise Budget Software for the Powell Area of Wyoming. Cooperative Extension Service, University of Wyoming. May, 1993.

Jacobs, J.J. and D.J. Brosz. Wyoming's Water Resource. B-969. Cooperative Extension Service and Wyoming Water Resources Center, University of Wyoming. 1993.

Jacobs, J.J., D.T. Taylor, W.J. Seamonds, R.H. Delaney and D.J. Menkhaus. Fertilizing Wyoming Hay Meadows: How Much Nitrogen Can You Afford? B-828R. Cooperative Extension Service, University of Wyoming. April, 1993.

Schmitz, J. and O. Capps, Jr. A Complete Systems Analysis of Nutritional Awareness and Food Demand. B-1712. Agricultural Experiment Station, Texas A & M. 1993.

Torell, L.A., **L.W. VanTassell**, N.R. Rimbey, E.T. Bartlett, T. Bagwell, **P. Burgener** and Juli Coen. The Value of Public Land Forage and the Implications for Grazing Fee Policy. Bulletin #767. Agricultural Experiment Station, New Mexico State University. December, 1993.

Other Publications

Bartlett, E.T., N.R. Rimbey, L.A. Torell, **L.W. VanTassell**, J. DeVilbiss, R. Appel, T. Heisler, G. Stoebig, T. Bagwell, **P. Burgener** and J. Coen. "The Federal Grazing Fee: 1993." *Incentive-Based Grazing Fee System for Public Rangeland Administered by the Bureau of Land Management and United States Forest Service, Part I.* Washington, D.C., 1993.

Bastian, C. "Agricultural Outlook." *Ag Econ Newsletter.* UW Department of Agricultural Economics. February, 1993. pp. 1-6.

Bastian, C. and M.A. Smith. "How Much Sagebrush Is Too Much?" *Reflections.* College of Agriculture, University of Wyoming. Vol. 3, No. 1. June, 1993:21-22.

Bastian, C. "The Changing Consumer and the Demand for Beef Revisited," *Western Beef Producer.* Aug(1993):14-15. Also appeared in *Wyoming Stockman-Farmer.* Aug(1993):10-11.

- Bastian, C.** "Agricultural Outlook." *Ag Econ Newsletter*. UW Department of Agricultural Economics. September, 1993. pp. 1-6.
- Bastian, C., J.J. Jacobs** and M.A. Smith. "When Is There Too Much Sagebrush?" *Cow Country*. May, 1993:10-11
- Borden, G.W.** "Buffalo Resource Area Current Situation and Impacts - Minerals." Draft report to Bureau of Land Management. October, 1993.
- Borden, G.W., R.R. Fletcher and D.T. Taylor.** "Economic Impact of Oil and Natural Gas on Federal Lands in Johnson County." Report prepared for the Big Horn Mountain Coalition. January, 1993.
- Borden, G.W., R.R. Fletcher and D.T. Taylor.** "Economic Impact of Oil and Natural Gas on Federal Lands in Washakie County." Report prepared for the Big Horn Mountain Coalition. March, 1993.
- Borden, G.W., R.R. Fletcher and D.T. Taylor.** "Economic Impact of Oil and Natural Gas on Federal Lands in Big Horn County." Report prepared for the Big Horn Mountain Coalition. April, 1993.
- Borden, G.W., R.R. Fletcher and D.T. Taylor.** "Economic Impact of Oil and Natural Gas on Federal Lands in Sheridan County." Report prepared for the Big Horn Mountain Coalition. May, 1993.
- Borden, G.W., D.T. Taylor and R.R. Fletcher.** "Economic Impact and Cost Efficiency Analysis to Support the Oil and Gas Leasing EIS for the Thunder Basin National Grasslands." Revision of 1992 EIS report. February, 1993.
- Edens, E.R., L.J. Held and D.M. Feuz.** "Risk Income Tradeoffs: Mountain Valley Ranching Systems." *Reflections*. University of Wyoming, College of Agriculture, 3(1):32-33. June, 1993.
- Fletcher, R.R. and D.T. Taylor.** "Estimated Economic Contribution To Park County and Wyoming From New World Project, Cooke City, Montana." Report to Pacific Power and Light Company. May, 1993.
- Fletcher, R.R., D.T. Taylor, B.R. Moline and G.W. Borden.** "Economic Contributions of Federal Lands Within the BHMA." Report to Big Horn Mountain Coalition. January, 1993.
- Fornstrom, K.J., S.D. Miller and **L.J. Held.** "Economics of Weed Management System in Sugarbeets." *Sugarbeet Research 1993*. December, 1993:29-43.

Fornstrom, K.J., L. Pochop, G. Kerr, D.J. Brosz and **J.J. Jacobs**. "Sprinkler Irrigation Efficiencies." Final Report to Wyoming Department of Agriculture and Wyoming Department of Commerce. 1993.

Jacobs, J.J. and J. Hewlett. "Financial Management for Agriculture's Future." *Reflections*. College of Agriculture, University of Wyoming. 2(1). May, 1993.

Jacobs, J.J. and A. Gale. "Research Accomplishments." Wyoming Agricultural Experiment Station. 1993.

Koch, D.W., F. Gray, J. Krall, C. Kercher, J. Lauer and **J.J. Jacobs**. "Brassica Utilization in Sugarbeet Rotations for Biological Control of Cystnematode." Annual Report on grant. Plant, Soil and Insect Science Department. University of Wyoming. 1993.

Phillips, C. "An Evaluation of Natrona County Tourist Promotion Programs, 1993." Prepared for the Natrona County Joint Powers Tourism Board.

Phillips, C. and D.T. Taylor. "A Model for Regional Economic Impact Analysis in National Park Service Planning Programs." Prepared for the National Park Service, USDI, Denver, Colorado.

Taylor, D.T. "Trip and Demographic Characteristics of Historical Site Visitors to the Big Horn Mountain Area." Report to Big Horn Mountain Coalition. February, 1993.

Taylor, D.T., R.R. Fletcher, G.W. Borden, B.R. Moline, J. Skidgel. "Current Economic Conditions: Johnson County, Wyoming." Report to Big Horn Mountain Coalition. January, 1993.

Taylor, D.T., R.R. Fletcher, G.W. Borden, B.R. Moline and J. Skidgel. "Current Economic Conditions: Washakie County, Wyoming." Report to Big Horn Mountain Coalition. March, 1993.

Taylor, D.T., R.R. Fletcher, G.W. Borden, B.R. Moline and J. Skidgel. "Current Economic Conditions: Big Horn County, Wyoming." Report to Big Horn Mountain Coalition. April, 1993.

Taylor, D.T., R.R. Fletcher, G.W. Borden, B.R. Moline and J. Skidgel. "Current Economic Conditions: Sheridan County, Wyoming." Report to Big Horn Mountain Coalition. May, 1993.

Taylor, D.T. and C. Phillips. "An Economic Profile of Olympic National Park." Prepared for the National Park Service, USDI, Denver, Colorado.

Taylor, D.T., J. Skidgel and R.R. Fletcher. “An Economic Profile of Teton County Wyoming: Diversity, Dependency, and Growth.” Report to Teton County Commissioners. October, 1993.

VanTassell, L.W., R.R. Fletcher, D.T. Taylor and B.R. Moline. “Importance of Federal Grazing Permits to the Economic Stability of Ranches and Communities in Northcentral Wyoming.” Society of Range Management Meetings, Albuquerque, New Mexico. 1993.

Major Professional Papers

Bailey, D., **C. Bastian**, T.F. Glover and **D.J. Menkhaus.** “The Changing Meat Industry: Implications for the Beef Sector and Cooperative Extension's Role.” Position Paper. Western Extension Marketing Committee. July, 1993.

Bastian, C.T., J.J. Jacobs, L.J. Held and M.A. Smith. “Multiple Use of Public Rangeland: Antelope and Stocker Cattle in Wyoming,” Invited Paper. Colo-Wyo Society of Range Management annual meeting. February, 1993.

Bastian, C.T. and D.J. Menkhaus. “Live Cattle Futures and the Maximum Bid Hypothesis for Feeder Cattle.” Western Agricultural Economics Association annual meeting selected paper session, Edmonton, Alberta. July, 1993.

Borden, G.W., D.T. Taylor and R.R. Fletcher. “Comparison of Economic Impact Estimates for Two Regional Wyoming Coal Models: IMPLAN Data Verses Primary Data.” Western Regional Science Association annual meeting, Maui, HI. February, 1993.

Burgener, P.A., L.J. Held and D.J. Menkhaus. “Economics of Adjusting Nitrogen Rates for Early-Harvest Sugarbeets.” Western Agricultural Economics Association annual meeting, Edmonton, Alberta. July, 1993.

Fletcher, R.R. and D.T. Taylor. “Contributions of Public Lands to Rural Community Economics.” At the Excellence in Extension Program Delivery: Innovation in Public Policy, Organized Symposium, American Agricultural Economics Association annual meeting, Orlando, Fl. August, 1993.

Fletcher, R.R. and D.T. Taylor. “Measuring Economic Impacts of Tourism and Other Natural Resource Commodities in Big Horn Mountain Communities.” Selected Poster Session, National Public Policy Extension Conference, Clearwater, FL. September, 1993.

Fletcher, R.R. and D.T. Taylor. “Economic Impact of Montana Gold Mine on Wyoming Communities.” North American Regional Science annual meeting, Houston, TX. November, 1993. (Accepted but not presented due to scheduling conflict with annual Extension Professional Improvement Conference)

Means, W.J., N. Kalchayanand, B. Ray and **D.J. Menkhaus.** “Beef, Is It Safe to Eat?” Western Section, American Society of Animal Sciences Annual Meeting, Spokane, WA. July, 1993.

Menkhaus, D.J., G.D. Whipple, P.M.L. Pelzer and D.P.M. Colin. “Factors Influencing Consumer Purchase Intentions for Beef and Beef Steaks: An Application of an Attitude-Behavior Model.” Western Agricultural Economics Association annual meeting, Edmonton, Alberta. July, 1993.

Menkhaus, D.J., E. Hoffman and **G.D. Whipple.** “Experimental Economics and Agricultural Marketing.” Invited paper, Learning Workshop at the American Agricultural Economics Association annual meeting, Orlando, FL. August, 1993.

Moline, B.R., D.T. Taylor and R.R. Fletcher. “Economic Effects of the Timber Industry on the Bighorn Mountain Area.” Western Regional Science Association annual meeting, Maui, HI. February, 1993.

Morgan, W., Spahr, J. and **J.J. Jacobs.** “State of Wyoming Financial Issues: A Discussion Paper.” For Revenue Consensus Estimating Group, State of Wyoming. 1993.

Schmitz, J. and L.W. VanTassell. “Student Perceptions of the Relevance of Departmental Courses and Degree Plans.” Proceedings of the Western Agricultural Economics Association meetings, Edmonton, Alberta. July, 1993. pp. 472-478.

Taylor, D.T., C. Phillips and C. Young. “The Economic Impact from Development of a National Park on a Rural Economy: A Case Study of Great Basin National Park.” Western Regional Science Association annual meeting, Maui, HI. February, 1993.

Abstracts

Bastian, C.T., J.J. Jacobs, L.J. Held and M.A. Smith. “Multiple Use of Public Rangeland: Antelope and Stocker Cattle in Wyoming.” *Society for Range Management-Wyoming Section Newsletter.* February, 1993.

Bastian, C.T. and D.J. Menkhaus. “Live Cattle Futures and the Maximum Bid Hypothesis for Feeder Cattle,” Selected Paper Session WAEA meeting 1993. *Journal of Agricultural and Resource Economics.* 18(2):304. December, 1993.

Burgener, P.A., L.J. Held and D.J. Menkhaus. “Economics of Adjusting Nitrogen Rates for Early-Harvest Sugarbeets.” *Journal of Agricultural and Resource Economics*. 18(2):306. December, 1993.

Menkhaus, D.J., G.D. Whipple, P.M.L. Pelzer and D.P.M. Colin. “Factors Influencing Consumer Purchase Intentions for Beef and Beef Steaks: An Application of an Attitude-Behavior Model.” *Journal of Agricultural and Resource Economics*. 18(2):301. December, 1993.

Moline, B.M. “Economic Impact of the Timber Industry on the Bighorn Mountain Area.” *Journal of Western Regional Science*.

G.E. Schuman, J.D. Reeder, R.A. Bowman and **J.J. Jacobs.** “Soil Quality and Production Alternatives of CRP Lands in the Central Great Plains.” *Exploring Conservation Frontiers: Proceedings of Soil and Water Conservation Society 1993 annual meeting*. Fort Worth, TX. 1993.

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VanTassell, L.W., R.R. Fletcher, D.T. Taylor and B.R. Moline. “Importance of Federal Grazing Permits to the Economic Stability of Ranchers and Communities in Northcentral Wyoming.” *Abstracts of the 46th Annual Meeting of the Society of Range Management*. 46:14. 1993.

VanTassell, L.W., N.R. Rimbey, L.A. Torell and E.T. Bartlett. “Analysis of Private Lease Rates and Non-Fee Costs in Idaho, New Mexico and Wyoming.” *Journal of Agricultural and Resource Economics*. 18(2):303. 1993.

VanTassell, L.W. “Using the Total Cost Approach to Determine the Implied Value of Public Forage.” *American Journal of Agricultural Economics*. 75(5). 1993.