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Departmental Publications  
1997-2000

Compiled By

Mark J. Cochran

SP 01 2001

February 2001

**University of Arkansas**  
Department of Agricultural Economics and Agribusiness  
Agricultural Building Room 221  
Fayetteville, AR 72701

**DEPARTMENTAL PUBLICATIONS**  
**1997-2000**

Compiled By

Mark J. Cochran

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Mark Cochran is Professor and Department Head—University of Arkansas, Department of Agricultural Economics and AgriBusiness.

List of Publications from July 1997- December 2000

I. BOOKS PUBLISHED

II. CHAPTERS

Adams, R. M., B. A. McCarl, K. Segerson, C. Rosenzweig, K. J. Bryant, **B. L. Dixon**, R. Conner, R. E. Evenson and D. Ojima. "Economic Effects of Climate Change on U.S. Agriculture." In R. Mendelsohn and J. E. Neumann, ed., *The Impacts of Climate Change on the U. S. Economy*, Cambridge University Press, 1999. Pp, 18-54,

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\*Senior authorship unassigned

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## V. INVITED LECTURES

**Ahrendsen, B. L., B. L. Dixon and D. L. Lee.** "Independent Commercial Bank Mergers and Agricultural Lending Concentration." *Journal of Agricultural and Applied Economics*. In Press.

**Ahrendsen, Bruce L., Bruce L. Dixon and LaDerrek T. Lee.** "Independent Commercial Bank Mergers and Agricultural Lending Concentration." *Journal of Agricultural and Applied Economics* 31 (December 1999): in press. Invited paper and presented at the Southern Association of Agricultural Scientists/Southern Agricultural Economics Association annual meetings, Memphis, TN, February 1999.

**Ahrendsen, Bruce L., Ralph Bierlen, Larry N. Langemeier and Bruce L. Dixon.** "Land Leasing and Debt on Farms: Substitutes or Complements?" Selected paper presented at American Agricultural Economics Association annual meetings, Nashville, TN, August 8-11, 1999.

**Ahrendsen, Bruce, LaDerrek Lee and Bruce Dixon.** "Independent Commercial Bank Mergers and Agricultural Lending Concentration." presented an invited paper in Memphis at the winter SAEA meetings. January 30 - February 3, 1999.

**Ahrendsen, Bruce.** "Commercial Banking Mergers and Agricultural Lending Concentration: Effect of Merger Activity on Agricultural Credit." Scottish Agricultural College (SAC) in Aberdeen, May 12, 1999

**Ahrendsen, Bruce L., Bruce L. Dixon and LaDerrek T. Lee.** "Commercial Bank Mergers and Agricultural Lending Concentration: Effect of Merger Activity on Agricultural Credit." Presented at the Scottish Agricultural College - Aberdeen, May 1999.

**Chavez, E.C., E. Wailes and G. Cramer.** "Outlook for World and United States Rice: A Comparative Overview of Various Baseline Projections." Paper presented at the 28<sup>th</sup> Rice Technical Working Group Meeting, Biloxi, MS. February, 2000.

**Cochran, Mark.** "Economical Cotton Management Through Plant Monitoring." Xinjiang Academy of Agricultural Sciences, Urumqi, Xinjiang, China. July 2, 1998.

**Cochran, Mark.** "How Trade Affects Arkansas Agriculture." Arkansas Crop Protection Association. Little Rock, AR. January 25, 1999.

**Djunaidi, Harjanto.** "Human Resource Management and Investment Strategies in Indonesia: Opportunities and Challenges After the New Order Era". Invited paper at Asian Pacific

Human Resource Management Conference Sponsored by City Government of Taipei and Chinese Human Resource Management., Taipei-Taiwan, March 5-6, 1999.

**Djunaidi, Harjanto.** "Basic Research IX on Cross-Cultural Management and Productivity". Invited paper and presented at Cross Cultural Management Conference Sponsored jointly by Asian Productivity Organization, Tokyo-Japan and Nepalese Productivity and Economic Development Centre Ltd (NPEDC). Kathmandu, Nepal, December 15-18, 1998.

**Goodwin, Jr. H. L. and Harjanto Djunaidi.** "A Necessary Condition for Market Integration Tests: The Case of the U.S. Broiler Industry." Paper presented at Southern Agricultural Economics Association annual meetings, Lexington, Kentucky, January 31-February 2, 2000.

**Goodwin, Jr. H. L. and Harjanto Djunaidi.** "Common Ownership: Could it be the Important Source of Price Integration in the U.S. Broiler Industry?" Selected paper for the American Agricultural Economics Association annual meetings, Tampa, FL, July 30-August 2, 2000.

**Goodwin, H. L. and Rimma Shiptsova.** "Household Expenditure Patterns for Carbohydrate Sources in Russia." Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

**Hansen, James, Gail Cramer and Eric Wailes.** "Rate of Return for Southern Rice Public Research Investments." Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

Harbison, John and **Eric Wailes.** "Patenting Transgenic Plants and Processes under the European Plant Convention." Paper presented at the 4<sup>th</sup> International Conference on the Economics of Agricultural Biotechnology. Ravello, Italy, Aug. 24-28, 2000.

Hoffman, Linwood, **Harjanto Djunaidi**, John Link, Nathan Childs, **Eric J. Wailes**, and **Gail L. Cramer.** "Assessing Impacts of the North American Free Trade Agreement on Market Integration: Evidence From Rice Markets in the United States and Mexico." Selected paper presented at Southern Agricultural Economics Association annual meetings, Lexington, Kentucky, January 31-February 2, 2000.

Holcomb , Rodney B., **H. L. Goodwin, Jr.** and **Rimma Shiptsova.** "Household Expenditure Patterns for Carbohydrate Sources in Russia." Selected paper presented at Southern Agricultural Economics Association annual meetings, Lexington, Kentucky, January 31-February 2, 2000.

Hyatt, Eric, Dana Hoag and **Jennie S. Hughes Popp.** "Sustainability and Resource Assessment: A Case Study of Soils in the United States." Presented at The Workshop on Environmental Indicators and Indices. Styria, Austria July 10-14, 1998.

**McKenzie, Andrew, Harjanto Djunaedi, Eric J. Wailes and Gail L. Cramer.** "Nonparametric Tests of Commodity Futures Market Efficiency." Selected paper presented at Southern Agricultural Economics Association annual meetings. Lexington, KY, January 31-February 2, 2000.

**McKenzie, Andrew, H. L. Goodwin, Jr. and Harjanto Djunaedi.** "Modeling the Price Discovery Role of Wholesale Broiler Markets." Selected paper presented at American Agricultural Economics Association annual meetings. Tampa, FL, July 30-August 2, 2000.

Owusu-Edusei, Kwame, and **Daniel V. Rainey.** "Population Dynamics and Public Service Provisions". paper presented at the annual meetings of the Southern Regional Science Association April 13-15, 2000. Miami, FL.

Pearce, Alan, **Michael Popp**, and Carl Dillon. "An Evaluation of Seedbed Preparation Strategies on Arkansas Dryland Soybean." Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

**Popp, Jennie** and Terry Griffin. 2000. "Adoption, Profitability and Potential Trends of Precision Farming in Arkansas." Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

**Popp, Michael** and **Caleb Oriade.** "A Whole-Farm Analysis of Precision Agriculture." Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

Rawlins, R., **B. L. Dixon**, J. A. Millar, and J. N. Rimbey. "The Association Between State Legislated Anti-takeover Amendments and Long-Term Investment." Southern Finance Association annual meetings, Marco Island, Florida, November 19-21, 1998.

Settlage, Latisha, **Bruce L. Dixon**, and **Bruce Ahrendsen.** "Factors Determining FSA Guaranteed Loan Loss Claim Rates in the U.S. for 1990-1997" Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

Settlage, Daniel, **Bruce Dixon**, and **Michael Thomsen.** "A Comparison of Various Frontier Estimation Approached Under Differing Data Generating Processes." Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

**Shiptsova, Rimma and H. L. Goodwin, Jr.** "Welfare Losses From Food Safety Regulation in the Poultry Industry." Selected paper for the Southern Agricultural Economics Association Annual Meeting, Lexington, KY, January 29-February 2, 2000.

Thomsen, M. "Introduction to Cooperatives." Young Cooperators Conference. Hot Springs, AR February 6, 1999.

**Wailes, Eric.** "Trade Liberalization in Rice." Paper presented at the conference "Global Agricultural Trade in the New Millennium" New Orleans, LA May 25-26, 2000.

## VI. OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS

**Ahrendsen, Bruce L.**, et al. "The Center for Farm and Rural Business Finance: 1999 Report of Activities." A summary of accomplishments, activities and plans of the Center for Farm and Rural Business Finance, University of Illinois and University of Arkansas, July 2000.

**Annou, Mamane, Eric Wailes, and Gail Cramer.** "Economic analysis of adopting Liberty Link Rice." *Rice Situation and Outlook Yearbook*. Market and Trade Economics, Economic Research Service, U.S. Dept of Agriculture, November, 2000, RCS-2000, pp 44-55.

**Bierlen, Ralph, Bruce L. Dixon, and Bruce L. Ahrendsen** "Debt Depreciation, Conglomeration, and Credit Constraints: Evidence from Cattle Cycles." *American Journal of Agricultural Economics* 80(December 1998):1169. Selected paper presented at the American Agricultural Economics Association annual meetings, Salt Lake City, Utah, August 2-5, 1998.

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Cioni, Britteny, **Jennie Popp, Martin Redfern, and Wayne Miller.** Estimating the Benefits Needed to Offset Economic Impacts of Environmental Regulations Imposed on the Livestock Sector. Selected Paper. *National IMPLAN Users Conference*, Fort Collins, CO, Oct 12-13, 2000.

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**Cramer, Gail L, Eric J. Wailes, Kenneth B. Young.** "Rice and the World Trade Organization". In *U.S. Agriculture and the World Trade Organization: Issues and Priorities for the Millennium Round*. Ed. Parr Rosson, Center for North American Studies. CNAS 2000-7. September 7, 2000.

**Dixon, Bruce L.** "Chapter 12 Filing and Closure Rates: Their Implications ." An organized symposium titled Chapter 12 Farmer Bankruptcy : Recent Developments and Future Policy Options. Presented at AAEA annual meetings Salt Lake City, August 2-5, 1998.

- Djunaidi, H., A. McKenzie, E. Wailes, and G. Cramer.** “Rice futures market efficiencies: studies and implications for hedging strategies.” Paper presented at the 28<sup>th</sup> Rice Technical Working Group Meeting, Biloxi, MS. February, 2000.
- Djunaidi, H., A. McKenzie, E. Wailes, and G. Cramer.** “Rice futures market efficiencies: studies and implications for hedging strategies.” *Proceedings*, 28<sup>th</sup> Rice Technical Working Group Meeting, 2000.
- Djunaidi Harjanto, Gail L. Cramer, Eric J. Wailes and James M. Hansen** “Impacts of Indonesian Fertilizer Incentive Program on the International Rice Price.” *Agricultural and Applied Economics* 31 (December 1999): in press. Selected paper presented at Southern Association of Agricultural Scientists/Southern Agricultural Economics Association annual meetings, January 30 - February, 3, 1999. Memphis, TN.
- Goodwin, H.L., A.M. McKenzie, and H. Djunaidi.** “Utilizing Futures Markets to Add Margin to Returns from Feed Ingredients.” University of Arkansas Annual Poultry Nutrition Conference, Sept 2000.
- Griffin, Terry and **Jennie Popp**. 2000. “Promotion and Adoption of Precision Agriculture in Arkansas.” Poster Presentation at the Annual American Agricultural Economics Associating Meetings. Tampa, Florida, July 30- August 2.
- Griffin, Terry, **Jennie Popp** and David Buland. 2000. “Economics of Variable Rate Applications of Phosphorus on a Rice and Soybean Rotation in Arkansas.” Selected paper presentation at the 5<sup>th</sup> International Conference of Precision Agriculture. Bloomington, Minnesota, July 16-19.
- Hansen, J., G. Cramer and E. Wailes.** “Rate of Return for Southern Rice Public Research Investments: Total Factor Productivity and Supply Response.” Paper presented at the 28<sup>th</sup> Rice Technical Working Group Meeting, Biloxi, MS. February, 2000.
- Hansen, J., G. Cramer and E. Wailes.** “Rate of Return for Southern Rice Public Research Investments: Total Factor Productivity and Supply Response.” *Proceedings*, 28<sup>th</sup> Rice Technical Working Group Meeting, 2000.
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- Mi, S., **D. M. Danforth, M. J. Cochran** and N. P. Tugwell. 1999. COTMAN plant-based economic injury level: update. 1999 Proceedings: Beltwide Cotton Conferences, Vol 2, pp.1229.
- Miller, Wayne** and John Zimpel. 2000. Administration of Arkansas' Property Tax. University of Arkansas Cooperative Extension Service, FSCDC16-5M-6-00N, Little Rock, June, 2000.
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- Miller, Wayne**. 2000. Economic Impact of Baptist Medical System on the Arkansas Economy. July 2000.
- Miller, Wayne**. 2000. Proposed Constitutional Amendment No. 2. Public Policy Issues. University of Arkansas Cooperative Extension Service, Little Rock. October 2000.
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- Miller, Wayne**. 2000. Uniform System of Real Property Assessments: Summary of Act 19985 of 1999. University of Arkansas Cooperative Extension Service, Little Rock, November, 2000.
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- Parsch, Lucas D., Bierlen, Ralph, Bruce L. Ahrendsen and Bruce L. Dixon**. "The 1996 FAIR Act: Measuring the Impacts on Land Leasing." *American Journal of Agricultural Economics* 80(December 1998):1186. Selected paper presented at the American Agricultural Economics Association annual meetings, Salt Lake City, Utah, August 2-5, 1998.



- Popp, Jennie** and Terry Griffin. 2000. "Survey of Eastern Arkansas." Presentation at the Arkansas Crop Protection Association Arkansas Plant Food Educational Society Arkansas Certified Crop Advisors Meeting, Little Rock, Arkansas, Feb.
- Popp, Jennie** and Terry Griffin. 2000. "Adoption, Profitability and Potential Trends of Precision Farming in Arkansas." Selected paper presentation at the Southern Agricultural Economics Association Annual Meeting, Lexington, Kentucky, January 30- February 2.
- Popp, Jennie** and Terry Griffin. 2000. "Adoption Trends of Early Adopters of Precision Agriculture in Arkansas." Poster Presented at the 5<sup>th</sup> International Conference of Precision Agriculture. Bloomington, Minnesota, July 16-19.
- Popp, Jennie** and Terry Griffin. 2000. "The Profitability of Variable Rate Nutrient Applications on a Crop Rotation." Selected paper presented at the Annual Soil and Water Conservation Society meetings, Saint Louis, Missouri, July 9-13.
- Popp, Jennie**, Dana Hoag and **Karen Strain**. 2000. "Measuring the Sustainability of Soil Management Using an Index of Soil Quality." Poster presentation at the Annual Soil and Water Conservation Society Meetings, Saint Louis, Missouri, July 9-13.
- Popp, Jennie Hughes** and Dana Hoag. 1998. "Sustainable Resource Management: A Methodology for Analysis" Presented at the American Agricultural Economics Association Annual Meeting, Salt Lake City, Utah, August 2-5. Abstract in *American Journal of Agricultural Economics*. 80(5): 1173.
- Popp, Jennie Hughes**, Dana Hoag and Jim A. Scough. "Sustainable Soil Management: A Framework for Analysis." Presented at the 10th International Soil Conservation Organization Conference Sustaining the Global Farm. Local Action for Land Stewardship. Purdue University, West Lafayette IN, May 23-28, 1999.
- Rainey, Daniel V.** "Transportation Infrastructure and Rural Economic Development" presented to the Board of the Mack-Blackwell Rural Transportation Center. Fayetteville, AR. October 13, 2000.
- Rainey, Daniel V.**, "Development Impact Fees and Real Estate Demand" presentation to the Center for Applied Real Estate Education and Research. Columbia, SC. April 2000.
- Rawlins, Richard B., **Bruce L. Dixon**, James A. Millar, James N. Rimbey. "Antitakeover Legislation and Long-Term Value: A Test of the Managerial Myopia Hypothesis." Southern Finance Association annual meeting, Key West, Florida, November 17-20, 1999.

- Teague, T. G., E. D. Vories, N. P. Tugwell and **D. M. Danforth**. 1999. Methods for assessing the impact of irrigation on cotton crop development and boll shed. 1999 Proceedings: Beltwide Cotton Conferences, Vol 1, pp. 534-535.
- Thomsen, Michael R.** and Vernon R. Eidman. "Returns to Scale and Diversification for Local Farm Supply and Grain Marketing Cooperatives: A Non-parametric Frontier Approach." Selected paper presented at SAEA meetings, Memphis, TN, February 1, 1999.
- Tugwell, N. P., **D. M. Danforth**, S. Mi and S. Bradshaw. 1999. ScoutMap: COTMAN monitoring technique for boll shed and insect damage. 1999 Proceedings: Beltwide Cotton Conferences, Vol 2, pp. 1230.
- Wailes, E., G. Cramer** and **H. Djunaidi**. "Analysis of rice trade liberalization." Paper presented at the 28<sup>th</sup> Rice Technical Working Group Meeting, Biloxi, MS. February, 2000.
- Wailes, E., G. Cramer** and **H. Djunaidi**. "Analysis of rice trade liberalization." *Proceedings*, 28<sup>th</sup> Rice Technical Working Group Meeting, 2000.
- Wailes, E.J., K.B. Young, J.Smartt, G.L. Cramer, J.S. Popp** and Phil Tacker. 2000. "Use of on-Farm Reservoirs to Help Sustain Irrigated Crop Production in Eastern Arkansas." Poster presentation for the 28<sup>th</sup> Annual Rice Technical Working Group Meeting, Biloxi Mississippi February 27-March 1, 2000.

## VII. OTHER CREATIVE ENDEAVORS

**Ahrendsen, Bruce L., Eric J. Wailes, Bruce L. Dixon, H. L. Goodwin, Jr. and Tony Windham.** “Arkansas Agriculture 2000 Situation and Outlook.” Staff Paper SP092000, Department of Agricultural Economics and Agribusiness, University of Arkansas, April 2000.

**Ahrendsen, Bruce L.** “Slovak Farm Financial Problems: Profitability, Debt, Late Payment, and Lack of Credit.” Invited technical assistance report to the Ministry of Agriculture, Slovak Republic, May 15-23, 2000. Staff Paper SP132000, Department of Agricultural Economics and Agribusiness, University of Arkansas, July 2000.

**Annou, M., E. Wailes and G. Cramer.** “Economic analysis of Liberty Link rice.” Staff Paper SP112000, Dept. of Agr. Econ. and Agbus. University of Arkansas. May 2000.

**Annou, Mamane, Eric J. Wailes, and Gail Cramer.** “Economics of adopting herbicide resistant biotech varieties”. Poster at the Ark Exp. Sta. Rice Field Days. Stuttgart, AR August 9, 2000.

**Cramer, Gail L.**, “Agricultural Economics and Agribusiness”, Ohio State University, Columbus, Ohio, Oct. 20, 1998.

**Cramer, Gail L.**, “Economics of Rice Fortification for Developing Countries”, Sept. 3. 1998, Stuttgart, Arkansas, USAID, Micronutrient Conference.

Denton, J.H., T.L. Barton, **H.L. Goodwin**, and **B.L. Ahrendsen** “Estimated Returns for Contract Broiler Production in Arkansas: Historical and Future Perspectives.” SP 0001, Center of Excellence for Poultry Science, University of Arkansas, Fayetteville, December 2000. Industry reviewed.

Fang, Cheng, **Eric J. Wailes, and Gail L. Cramer**, “China’s Rural and Urban Household Survey Data: Collection Availability, and Problems,” October 1998, CARD, Iowa State University, Ames, Iowa.

**La Ferney, Preston E.**, “International Programs of the University of Arkansas”, presentation to Instituto Nacional del Agua y del Ambiente, Buenos Aires, Argentina, December, 1998.

**La Ferney, Preston E.**, “International Development and Trade Programs of the University of Arkansas”, presentation to Arkansas Governor’s Breakfast Group, Little Rock, AR, July 28, 1998.

**McKenzie, Andrew M.** Formulation and submission of (CRIS)–(HATCH) Research report entitled, “Risk Management and Marketing of Arkansas Commodities.”

**McKenzie, A.M., H. Djunaidi, E.J. Wailes, and G.L. Cramer.** “Nonparametric Tests of Commodity Futures Market Efficiency.” Arkansas Staff paper report.

**Miller, Wayne.** Presented summary of proposed amendments on a one-half hour AETN program moderated by Joe Barnes.

**Miller, Wayne.** 2000. Garvin Woodland Gardens: Estimated Economic Impact on Arkansas. December 2000.

**Miller, Wayne.** The development of a computer software game designed to simulate hedging from the perspective of a grain elevator. Steven Nichols (computer support staff) and myself are designing this project, in collaboration with White Commercial.

**Popp, Jennie and Michael Waits.** 2000. “How Some Arkansas Small Business Owners Measure Success.” Final report to Arkansas Enterprise Group, Arkadelphia, Arkansas. September. 13

**Popp, M., T. Keisling, C. Dillon and P. Manning.** 2000. “Influence of Weather, Seedbed Preparation and Cultivar Choice on Dryland Soybean Planting Strategy on Clayey Soil.” Presented at Field Days at Rohwer and Stuttgart, AR. August 3 and 9.

Settlage, Latisha A., **Bruce L. Dixon, and Bruce L. Ahrendsen.** “Factors Determining FSA Guaranteed Loan Loss Claim Activity in the U.S. for 1990-1997.” Staff Paper 052000, Department of Agricultural Economics and Agribusiness, University of Arkansas, Fayetteville, February 2000. <http://agecon.lib.umn.edu/uark/sp052000.pdf>

Settlage, Daniel, **B. L. Dixon, and M. R. Thomsen.** "A Comparison of Various Frontier Estimation Approaches Under Differing Data Generating Processes." Department of Agricultural Economics and Agribusiness, University of Arkansas, Staff Paper SP062000, February 2000.

**Wailes, Eric J, K.B. Young, J. Smartt, J. Popp, G. Cramer.** “Economics of On-farm Reservoirs to Distribute Diverted Surface Water to Depleted Ground Water Areas of the Southern Mississippi Valley Region.” Final Report to the U.S. Geological Survey. Dept. of Agr. Econ. and Agribus. Staff Paper 182000. August, 2000.

**Wailes, Eric, Kenneth Young and James Smartt.** “Economics of On-Farm Reservoirs in Eastern Arkansas.” Presentation at the Arkansas Experiment Station Rice Field Days. Stuttgart, AR August 9, 2000 (Five oral presentations and one poster presentation)

**Wailes, Eric, Kenneth Young, and James Smartt.** “Investing in On-Farm Reservoirs.” Arkansas Soil and Water Education Conference. Jonesboro, AR December 5, 2000.

**Wailes, Eric, Kenneth Young, James Smartt, Jennie Popp and Gail Cramer.** 2000. Economics of Using On-Farm Reservoirs to Distribute Diverted Surface Water to Depleted Ground Water Areas of the Southern Mississippi Valley Region.” Final Report for the Arkansas Water Resources Research Center, Fayetteville, Arkansas. August.

**Wailes, Eric.** “Review of the FAPRI 2001 Baseline.” Paper presented at the FAPRI Baseline Review, Washington, DC. December, 2000.