

DOSSIER

Department of Applied Economics University of Minnesota

1. Name: **Vernon R. Eidman**

2. Date of Birth: **August 24, 1936**

3. Current Academic Rank: Professor Emeritus

4. Degrees, Dates and Awarding Institutions:

B.S.	University of Illinois	1958
M.S.	University of Illinois	1961
Ph.D.	University of California, Berkeley	1965

5. Years on University of Minnesota Faculty:

1975 - 2006 Professor of Applied Economics (formerly, Agricultural and Applied Economics)
2007 – Present Professor Emeritus

6. Prior Professional Experience:

Professor and Head, Department of Applied Economics, University of Minnesota, July 1998 – July 2004
Visiting Professor, Department of Agricultural and Resource Economics, University of Maryland, 1989-90
Professor of Agricultural Economics, Oklahoma State University, 1971-75
Visiting Professor, Dept. of Economics and Statistics, Swedish Agricultural College, Uppsala, Sweden,
1/73 - 6/73
Associate Professor of Agricultural Economics, Oklahoma State University, 1968-71
Assistant Professor of Agricultural Economics, Oklahoma State University, 1964-68
Research Economist, University of California, 1963-64

7. Current Graduate Faculty Status: Affiliate Senior Member

8. Teaching Responsibilities :

Courses I have taught in recent years include:

Ap Ec 3002	Applied Microeconomics: Managerial Economics
Ap Ec 3006	Macroeconomics: Government and the Economy
Ap Ec 4821	Agribusiness Management
ApEc 5811	Cooperative Organization
Ap Ec 8288	Dynamic Production Economics
Ap Ec 8382	Seminar: Farm Management and Production Economics

9. Major Research Responsibilities:

My research focus is on the general areas of production economics, resource economics, agribusiness management, and the structure of agriculture. Current research projects focus on economic, environmental and policy issues related to renewable energy production.

10. Major Extension Responsibilities:

My extension and outreach activities in recent years have related primarily to agricultural policy and renewable energy.

11. Departmental Committees and Service (last 10 years)

Awards Committee 2004-06

Undergraduate Committee, 2004-2005

Ph.D. Examining Committee, annually on the production economics subcommittee

Search Committees For Faculty, 2008

12. University-Wide and Community Service:

Departmental Structure Working Group 2005

13. Service to Professional Societies:

Fellows Selection Committee, American Agricultural Economics Association, 2007-8, 2008-9 (Chair)

Chairman, Name Change Task Force, American Agricultural Economics Association, 2006-07.

Vice-President NAAEA, 1998-99; President NAAEA 1999-2000.

President-Elect AAEA, 1994-95; President, 1995-96; Past President 1996-97

Chairman of National Task Force for Commodity Cost and Return Estimation Methods, 1991-94

Vice-Chairman, Cost of Production Review Board, ERS/USDA, 1992-1995

AAEA Foundation Governing Board, 1990-1992 and 1996-97

Executive Board, American Agricultural Economics Association, 1989-1992

Served on CSRS review team for Departments of Agricultural Economics at Texas A&M in 1976,

University of Missouri in 1980, Cornell University in 1981, Mississippi State University in 1985,

Louisiana State University in 1988, Iowa State University in 1989, Purdue University in 1993, Penn State University in 1994 and Michigan State University in 2005.

Referee of several articles annually submitted to *American Journal of Agricultural Economics*, *Western Journal of Agricultural Economics*, and *Review of Agricultural Economics* as well as a limited number for journals in other disciplines.

Member of Committee to Select Publication of Enduring Quality, AAEA, 1974-77

Vice President, Southern Agricultural Economics Association, 1975-76

Editorial Council, *American Journal of Agricultural Economics*, 1972-74 and 1984-87

Editorial Council, *Southern Journal of Agricultural Economics*, 1969-72

14. Professional Honors Received:

Fellow of the American Agricultural Economics Association, received July 2003.

American Agricultural Economics Association Annual Award for the Best Article published in the *Journal of Farm Economics*, received August 1968.

Western Agricultural Economics Association Annual Award for Outstanding Published Research in Agricultural Economics, received July, 1969.

Oklahoma State University Alumni Association and Blue Key Outstanding Teacher Award, May, 1970.

College of Agriculture Distinguished Teaching Award, University of Minnesota, June, 1988.

Minnesota Agricultural College Teachers Association Meritorious Teaching Award, December, 1988.

15. Other:
Short-term (2-week to 6 months) international teaching and research assignments over the years in Sweden, Norway, Poland, Russia, Antigua, St. Vincent, St. Lucia, Trinidad, Morocco, South Africa, and Australia.

Various consulting assignments as per University agreement.

Awarded Sabbatical Leave 8/16/81 through 8/15/82, 8/16/89 through 8/15/90., and a Quarter Leave for Spring 1998 (March through June).

16. Publications: (Attached)

LIST OF PUBLICATIONS

PROFESSIONAL JOURNALS

- V. R. Eidman, J. C. Lingle and H. O. Carter, "Optimum Fertilization Rates for Crops with Multi-Harvest Periods," Journal of Farm Economics, Vol. XLV, No. 4, November, 1963, pp. 823-830.
- Vernon R. Eidman, Gerald W. Dean and Harold C. Carter, "An Application of Statistical Decision Theory to Commercial Turkey Production," Journal of Farm Economics, Vol. 49, No. 4, 1967, pp. 852-868.
- Darrel Kletke, Odell L. Walker and Vernon R. Eidman, "Agricultural Economics in the High Schools?," Western Agricultural Economics Association, Proceedings, 1969, pp. 188-191.
- Ronald D. Lacewell and Vernon R. Eidman, "A Model for Estimating the Incidence of Agricultural Flood Damage," Western Agricultural Economics Association, Proceedings, 1969, pp 137-141.
- Ronald D. Lacewell and Vernon R. Eidman, "A Proposed Procedure for Distributing Assessments Among Beneficiaries of Small Watershed Projects," Southern Journal of Agricultural Economics, Vol. II, December, 1970, pp. 139-145.
- Ronald D. Lacewell and Vernon R. Eidman, "Land Use Adjustment and Small Watershed Projects," Western Agricultural Economics Association, Proceedings, 1970, pp. 134-137.
- Harry P. Mapp and Vernon R. Eidman, "Sequential Sampling and Simulation: An Optimizing Procedure," Western Agricultural Economics Association, Proceedings, 1970, pp. 103-107.
- Solomon E. Bekure and Vernon R. Eidman, "Intertemporal Allocation of Ground Water in the Central Ogallala Formation: An Application of a Multistage Sequential Decision Model," Southern Journal of Agricultural Economics, Vol. 3, No. 1, pp. 155-160, Dec., 1971.
- Freddie C. White and Vernon R. Eidman, "The Bayesian Decision Model with More Than One Predictor--An Application to the Stocking Rate Problem," Southern Journal of Agricultural Economics, Vol. 3, No. 1, pp. 95-102, December, 1971.
- Ronald D. Lacewell and Vernon R. Eidman, "A General Model for Evaluating Agricultural Flood Plains," American Journal of Agricultural Economics, Vol. 54, No. 1, February, 1972, pp. 92-101.
- Wyatte L. Harman, Vernon R. Eidman, Roy E. Hatch and P. L. Claypool, "Relating Farm and Operator Characteristics to Multiple Goals," Southern Journal of Agricultural Economics, Vol. 4, No. 1, July, 1972, pp. 215-220.
- Michael Boehlje, Vernon Eidman and Odell Walker, "An Approach to Farm Management Education," American Journal of Agricultural Economics, Vol. 55, No. 2, May, 1972, pp. 192-197.
- Roy E. Hatch, Wyatte L. Harmon and Vernon R. Eidman, "Incorporating Multiple Goals Into The Decision-Making Process: A Simulation Approach To Firm Growth Analysis," Southern Journal of Agricultural Economics, Vol. 6, No. 4, July, 1974, pp. 103-110.
- Vernon R. Eidman, "Review of Farm Planning and Control by C. S. Barnard and J. S. Nix," American Journal of Agricultural Economics, J-2808 of Oklahoma Agricultural Experiment Station, Vol. 56, No. 2, pp. 458-9.
- Vernon R. Eidman, "Discussion: The Systems Approach - Research or Research Management," Southern

Journal of Agricultural Economics, Vol. VI, No. 1, July, 1974, pp. 67-69.

Roy E. Hatch, Wyatte L. Harmon, and Vernon R. Eidman, "Incorporating Multiple Goals into the Decision-Making Process: A Simulation Approach to Firm Growth Analysis," Southern Journal of Agricultural Economics, Vol. VI, No. 1, July, 1974, pp. 103-110.

Harry P. Mapp, Jr., and Vernon R. Eidman, "Simulation of Soil Water-Crop Yield Systems: The Potential for Economic Analysis," Southern Journal of Agricultural Economics, Vol. VII, No. 1, July 1975, pp. 47-53.

Harry P. Mapp, Jr., and Vernon R. Eidman, "A Bioeconomic Simulation Analysis of Regulating Groundwater Irrigation," American Journal of Agricultural Economics, 58:3, August, 1976, pp. 391-402.

Vernon R. Eidman, "Agricultural Energy Modeling: Discussion of Linear Programming Models," American Journal of Agricultural Economics, Vol. 59, No. 5, December, 1977, pp. 1081-1082.

Michael D. Boehlje and Vernon R. Eidman, "Simulation and Gaming Models: Applications in Teaching and Extension Programs," American Journal of Agricultural Economics, 60:987-992, December, 1978.

Robert J. Gustafson, R. Vance Morey, Vernon R. Eidman and Edwin R. Hendrickson, "Interaction of Center Pivot Irrigation and Electrical Transmission." Paper presented at Summer Meeting of American Society of Agricultural Engineers and Canadian Society of Agricultural Engineering, University of Manitoba, Winnipeg, Canada, June, 1979. Published in 1980-Transactions of the ASAE, pp. 485-489.

Vernon R. Eidman, "Microeconomic Impacts of Inflation on the Food and Agricultural Sector: Discussion." American Journal of Agricultural Economics, 63:962-64, 1981.

Gregory D. Hanson and Vernon R. Eidman, "Farm Size Evaluation in the El Paso Valley: Comment," American Journal of Agricultural Economics, 65:340-343, May, 1983.

Michael Boehlje and Vernon Eidman, "Financial Stress in Agriculture: Implications for Producers," American Journal of Agricultural Economics, 65:937-944, December, 1983.

Paul N. Wilson and Vernon R. Eidman, "The Financial Profitability of Irrigating Fine Textured Soils In The Upper Corn Belt," North Central Journal of Agricultural Economics, 5:103-110, July, 1983.

Paul N. Wilson and Vernon R. Eidman, "An Empirical Test of the Interval Approach for Estimating Risk Preferences," Western Journal of Agricultural Economics 8:170-182 (December, 1983).

Gregory D. Hanson, Vernon R. Eidman and Delane E. Welsch, "Agricultural Tax Losses - An Alternative Farm Management Perspective," Journal of American Society of Farm Managers and Rural Appraisers, 48:41-47, April, 1984.

Vernon R. Eidman, "Planning An Integrated Approach To Farm Risk Management," Journal of Agribusiness Management, 3:11-16, February, 1985.

Gregory D. Hanson and Vernon R. Eidman, "Agricultural Income Tax Expenditures - A Microeconomic Analysis," American Journal of Agricultural Economics, 67:271-8, May, 1985.

Paul N. Wilson and Vernon R. Eidman, "Dominant Enterprise Size in the Swine Production Industry," American Journal of Agricultural Economics, 67:279-288, May, 1985.

C. W. Young, V. R. Eidman and J. R. Reneau, "Animal Health and Management and Their Impact on Economic Efficiency," Journal of Dairy Science, 68:1593-1602, June, 1985.

- Vernon R. Eidman, Review of U.S. Energy Policy Crisis and Complacency by Don E. Kash and Robert Rycroft, American Journal of Agricultural Economics, 67:702-3, August, 1985.
- Pettigrew, J. E., S. G. Cornelius, V. R. Eidman and R. L. Moser. "Integration of Factors Affecting Sow Efficiency: A Modelling Approach." J. Animal Science. 63:1314-1321, 1986.
- Hanson, Gregory D. and Vernon R. Eidman. "Evidence of the Stability of Income Tax Expenditures to Farmers." Agricultural Finance Review. 46:69-83, August, 1986.
- Bosch, D. J., V. R. Eidman, and E. E. Gill. "Compensating Irrigators for Restricting Water Use: An Expected Utility Analysis." Western Journal of Agricultural Economics. 11:146-155, December, 1986.
- Eidman, Vernon R. "Restructuring Agricultural Economics Extension to Meet Changing Needs: Discussion." American Journal of Agricultural Economics. 68:1310-1212, December, 1986.
- Barry, Peter J., Paul N. Ellinger, and Vernon R. Eidman, "Firm Level Adjustments to Financial Stress," Agricultural Finance Review, 47:72-99, 1987.
- Bosch, D.J., V.R. Eidman, and L.K. Oosthuizen, "A Review of Methods For Evaluating the Economic Efficiency of Irrigation," Agricultural Water Management, 12:231-245, 1987.
- Bosch, Darrell J. and Vernon R. Eidman, "Valuing Information When Risk Preferences Are Nonneutral: An Application to Irrigation Scheduling," American Journal of Agricultural Economics, 69,3:658-668, August, 1987.
- Eidman, V. R. "Quantifying and Managing Risk in Agriculture," AGREKON 29(1):11-23, 1990.
- Jeffrey, Scott R. and Vernon R. Eidman, "The Application of Multivariate Stochastic Dominance Criteria to Agricultural Economic Problems," Canadian J of Agricultural Economics 39(2):193-209, July 1991.
- Olson, Kent D. and Vernon R. Eidman, "A Farmer's Choice of Weed control Method and the Impacts of Policy and Risk," Review of Agricultural Economics 14(1):125-137, 1992.
- Jeffrey, Scott R. and Vernon R. Eidman, "A Stochastic Dominance Analysis of Organizational Adjustments for upper Midwest Dairy Farms," Journal of the American Society of Farm Managers and Rural Appraisers 58:51-59, June 1994.
- Gim, Uhn-Soon and Vernon R. Eidman, "Evaluating Policy Alternatives to Control Nitrate Pollution in Groundwater: A Conceptual Approach," J. Rural Development 17:235-250, 1994.
- Backus, G. B. C., G. T. Timmer, A. A. Dijkhuizen, V. R. Eidman and R. P. King, "The Impact of a Decision Support System for Strategic Pig Farm Planning on the Advice of Extension Officers," Computer and Electronics in Agriculture 12:51-64, 1995.
- Rust, J. W., C. C. Sheaffer, V. R. Eidman and R. R. Moon, "A Comparison of Intensive Rotational Grazing with Confined Feeding of Dairy Cattle," Am. J. of Alternative Agriculture 10:147-151, fall 1995.
- Eidman, Vernon R., "The Continuing Search for Relevance in Agricultural Economics," American Journal of Agricultural Economics 77:1083-1095, December 1995.
- Backus, G. B. C., G. T. Timmer, A. A. Dijkhuizen, V. R. Eidman and F. Vos, "A Decision Support System for Strategic Planning on Pig Farms," Agricultural Economics Vol. 13 (1995), pp. 101-108.

- Allen, Kristen, Vernon Eidman and Jean Kinsey, "An Economic-Engineering Study of Ohmic Food Processing," Food Technology 50:269-273, May 1996.
- Backus, G. B. C., A. A. Dijkhuizen and V. R. Eidman, "Farm Decision Making under Risk and Uncertainty," Netherlands Journal of Agricultural Science, 45 (1997:307-328).
- Gillespie, Jeffrey and Vernon Eidman, "The Effect of Risk and Autonomy on Independent Hog Producers' Contracting Decisions," Journal of Agricultural and Applied Economics, 30 (1998:175-188).
- Morgan, Cynthia L., Coggins, Jay S., and Eidman, Vernon R. "Tradeable Permits for Controlling Nitrates in Groundwater at the Farm Level: A Conceptual Model". *Journal of Agricultural and Applied Economics*, vol. 94, 2000, pp.1 - 10.
- Thompson, Michael and Vernon Eidman, 2003. "The Scale Efficiency of Local Supply and Grain Marketing Cooperatives in the Upper Midwest." *Journal of Cooperatives*. 18 (2004):18-31
- Eidman, Vernon R., "Renewable Liquid Fuels: Current Situation and Prospects." CHOICES. 2(1) 1st Quarter 2006, pp. 15 – 19.
- Eidman, Vernon R., "Economic Parameters for Corn Ethanol and Biodiesel Production." *Journal of Agricultural and Applied Economics*. 39, 2 (August 2007):345-356.
- Eidman, Vernon R. "The Promise and Challenge of Bioenergy: Discussion." *American Journal of Agricultural Economics*. 89 (Number 5, 2007): 1311-1312.

BOOKS AND CHAPTERS

- Agricultural Production Systems Simulation, Vernon R. Eidman, editor, Southern Farm Management Research Committee Workshop Proceedings, Oklahoma State University, May, 1971.
- Vernon R. Eidman, "Cash Flow, Price Risk and Production Uncertainty Considerations," in Modeling Farm Decisions for Policy Analysis, edited by Kenneth H. Baum and Lyle P. Schertz, Westview Press Inc. Boulder, Colorado, 1983, pp. 159-180.
- Michael D. Boehlje and Vernon R. Eidman, Farm Management, New York: John Wiley and Sons, 1984.
- Vernon R. Eidman and Fred J. Benson, "Economic Assessment of Crop Loss: Discussion, Evaluation of the Scientific Basis for Ozone/Oxidants Standards, U.S. Environmental Protection Agency.
- Eidman, Vernon R., "Theoretical and Practical Considerations in Measuring Costs and Returns," Costs and Returns for Agricultural Commodities: Advances in Concepts and Measurement, edited by Mary C. Ahearn and Utpal Vasavada, Boulder, CO: Westview Press, 1992, pp. 59-66.
- Eidman, Vernon R., "Farm Management as an Integrative, Interdisciplinary, Problem-Solving Science," Future Priorities and Agenda for Farm Management Research, edited by Robert D. Burton and David Watt, Department of Agricultural Economics, Kansas State University, Manhattan; July 1994, pp. 85-103.
- Eidman, Vernon R. and Eugeneiusz Niedzielski. *Zaradzanie Strategiczne (Strategic Management)*. Olstzyn, Poland: Polish-American Center for Agricultural Marketing and Management, 1997, 85 pages.
- Eidman, Vernon, Arne Hallam, Mitch Morehart, and Karen Klonsky, editors. *Commodity Costs and Returns Estimation Handbook*. Ames, IA: American Agricultural Economics Association, Task Force on Commodity Costs and Returns, 1998.

- Eidman, Vernon R. and Kent D. Olson. "Risk Management: From the Researcher to the Farmer", in *Economic Studies on Food, Agriculture, and the Environment*, edited by Maurizio Canavari, Paolo Caggiati and K. William Easter. New York, NY: Kluwer Academic/Plenum Publishers, 2002, pp 201-218.
- Eidman, Vernon R. 2005. "Agriculture as a Producer of Energy," in *Agriculture as a Producer and Consumer of Energy*," edited by Joe Outlaw. Oxfordshire, UK: CABI Publishing, pp. 30 – 67.
- Tiffany, Douglas, T. and Vernon R. Eidman. 2005. "Dry-Mill Ethanol Plant Economics and Sensitivity." in *Agriculture as a Producer and Consumer of Energy*, Oxfordshire, UK:CABI Publishing, pp. 139 – 155.
- Tiffany, Douglas G. and Vernon R. Eidman. 2004. "U.S. Dry-Grind Ethanol Production: Economic Competitiveness in the Face of Emerging Technologies." Presented at the 9th Joint Conference on Food, Agriculture, and the Environment, August 28-31, Conegliano, Italy.

EXPERIMENT STATION PUBLICATIONS

- Vernon R. Eidman, "Framework for Analysis of Irrigation Development," Published in Irrigation as a Factor in the Growth, Operation and Survival of Great Plains Farms, Great Plains Agricultural Council Publication No. 30, November, 1967.
- Vernon R. Eidman, Harold O. Carter and Gerald W. Dean, Decision Models for California Turkey Growers, Giannini Foundation Monograph No. 21, California Agricultural Experiment Station, July, 1968.
- Charles O. Hopkins and Vernon R. Eidman, Alternative Crop Enterprise Budgets for Irrigated Production, Southwestern Oklahoma, Oklahoma Agricultural Experiment Station Processed Series P-600, January, 1969.
- R. D. Lacewell and Vernon R. Eidman, Expected Production Requirements, Costs and Returns for Alternative Crop Enterprises; Bottom Land Soils of East Central and South Central Oklahoma, Oklahoma Agricultural Experiment Station Processed Series P-606, April, 1969.
- Vernon R. Eidman, "Incorporating Decision Rules," Agricultural Production Systems Simulation, Southern Farm Management Research Committee Workshop Proceedings, Oklahoma State University, May, 1971, pp. 65-91.
- Alvin M. Clements, Jr., Harry P. Mapp, Jr. and Vernon R. Eidman, A Procedure for Correlating Events in Farm Firm Simulation Models, Oklahoma Agricultural Experiment Station Technical Bulletin T-131, August, 1971.
- Wyatte L. Harmon, Roy E. Hatch, Vernon R. Eidman and P. L. Claypool, An Evaluation of Factors Affecting the Hierarchy of Multiple Goals, Oklahoma Agricultural Experiment Station Technical Bulletin 134, June, 1972.
- Vernon R. Eidman, H. D. Jose, C. E. Roush and M. D. Boehlje, A Game for Management Instruction the Oklahoma Panhandle Farm Version, Oklahoma Agricultural Experiment Station Research Report P-685, May, 1973.
- H. Douglas Jose and Vernon R. Eidman, The Oklahoma Panhandle Farm Management Game The Computer Program and Specifications, Oklahoma Agricultural Experiment Station, A.E. Paper No. 7301, April, 1973.

- Vernon R. Eidman and Ronald D. Lacewell, A Model for Estimating Agricultural Flood Damages, Oklahoma Agricultural Experiment Station Technical Bulletin T 136, April, 1974.
- John Wolfe, Michael Boehlje and Vernon Eidman, An Economic Evaluation of Wage Rates and Incentive Agreements for Full-Time Hired Labor on Oklahoma Farms, Oklahoma Agricultural Experiment Station Bulletin B-713, April, 1974.
- Harry P. Mapp, Jr., Vernon R. Eidman, John F. Stone and James M. Davidson, Simulation Soil Water and Atmospheric Stress - Crop Yield Relationships for Economic Analysis, Oklahoma Agricultural Experiment Station Technical Bulletin 140, February, 1975.
- Michael S. Salkin, Vernon R. Eidman and William B. Massey, Jr., An Economic Analysis of Some Alternative Pest Control Strategies for Grain Sorghum in the Oklahoma Panhandle, Oklahoma Agricultural Experiment Station, Bulletin B-722, Stillwater, January, 1976.
- Arthur L. Ekholm, Dean F. Schreiner, Vernon R. Eidman and Gerald A. Doeksen, Adjustments Due to a Declining Ground-Water Supply: High Plains of Oklahoma and Texas, Oklahoma Agricultural Experiment Station Technical Bulletin T-142, January 1976.
- Vernon R. Eidman, "Irrigation Costs" and "Crop Cost Analysis" in The Potential For Irrigated Crop Production, Minnesota Agricultural Experiment Station Misc. Report 138-1976, February, 1976, pp. 53-79.
- Harry P. Mapp, Jr. and Vernon R. Eidman, An Economic Analysis of Regulating Water-Use in the Central Ogallala Formation, Agricultural Experiment Station, Oklahoma State University, Technical Bulletin T-141, 99 pages, January, 1976.
- Vernon R. Eidman and F. G. Bergsrud, "Estimating Sprinkler Irrigation Costs," Water Sources and Irrigation Economics, Minnesota Agricultural Experiment Station Report 150-1978, St. Paul, pp. 13-34, 1978.
- Vernon R. Eidman and D. D. Greene, "Crop Cost Analysis," Water Sources and Irrigation Economics, Minnesota Agricultural Experiment Station Report 150-1978, St. Paul, pp. 35-66, 1978.
- Robert J. Gustafson, R. Vance Morey, Vernon R. Eidman and Merle P. Meyer, Report of an Investigation of Electric Power Transmission and Agricultural Compatibility in the Mapp Region, Agricultural Experiment Station Misc. Pub. 1713-1978, University of Minnesota, St. Paul, December, 1978.
- Harald R. Jensen, Jeffrey P. Madsen and Vernon R. Eidman, Economics of Owning and Operating Corn Drying and Storing Systems With Rising Energy Prices, Minnesota Agricultural Experiment Station Technical Bulletin 320-1979, St. Paul, June, 1979.
- Duty D. Greene and Vernon R. Eidman, An Economic Analysis of Three Confinement Farrow-to-Finish Production Systems, Agricultural Experiment Station Bulletin 533-1979, University of Minnesota, St. Paul.
- Vernon R. Eidman and John J. Waelti, "Water Availability and Use: Some Implications for Agricultural Input Markets," paper presented to NCR-117 Seminar on Research Issues in Agricultural Input Markets, St. Louis, Missouri, November 27-29, 1979. Published in Input Markets in Agriculture, NCR-117 Publication No. 1, Michael Wolverton, Editor, Ohio State University, Columbus, Ohio, June, 1980.
- Vernon R. Eidman and Duty D. Greene, An Economic Analysis of Three Confinement Hog Finishing Systems, Agricultural Experiment Station Bulletin 534-1980, University of Minnesota, St. Paul.

- Duty D. Greene and Vernon R. Eidman, An Economic Analysis of Three Confinement Feeder Pig Production Systems, Agricultural Experiment Station Bulletin 535-1980. University of Minnesota, St. Paul.
- Duty D. Greene, Kenneth E. Egertson and Vernon R. Eidman, Changing Marketing and Production Patterns of Minnesota Swine Producers, Minnesota Agricultural Experiment Station Bulletin 542-1981, St. Paul, 1981.
- Richard N. Weldon and Vernon R. Eidman, An Economic Evaluation of Low Investment Swine Production Systems. Minnesota Agricultural Experiment Station Bulletin 548-1982, St. Paul, MN, November, 1982.
- Paul N. Wilson and Vernon R. Eidman, Characteristics of the Minnesota Swine Production Industry, Minnesota Agricultural Experiment Station Bulletin 549-1982, St. Paul, MN, December, 1982.
- Eidman, Vernon and Fred Benson, "Economics of Production," Small Grains Imperatives, Minnesota Agricultural Experiment Station Miscellaneous Publication 34-1986, pp. 26-31.

EXTENSION SERVICE PUBLICATIONS

- A. G. Mueller and V. R. Eidman, "Farmer Experiences with Selected Hog-Producing Methods," Illinois Agricultural Economics, Vol. 2, No. 1, January, 1961, pp. 35-40.
- Vernon R. Eidman, "Economic Considerations in Combining Cattle and Hog Feeding Operations," Oklahoma Cattle Feeder's Seminar, February 2 and 3, 1967, Oklahoma State University, Stillwater, pp. 1H to 13H.
- John W. Green, Vernon R. Eidman and Larry R. Peters, Alternative Irrigation Crop Enterprises on Clay and Sandy Loam Soils of the Oklahoma Panhandle: Resource Requirements, Costs and Returns, Oklahoma Agricultural Experiment Station Processed Series P-554, March, 1967.
- Ronald D. Lacewell and Vernon R. Eidman, "Using Computers to Help Evaluate Flood Protection Measures," Current Farm Economics, Vol. 42, No. 4, December, 1969, pp. 5-11.
- Vernon Eidman and Solomon Bekure, "Irrigation Development in the Central Basin of the Ogallala Formation -- the Past and the Future," Oklahoma Current Farm Economics, Vol. 45, No. 1, March, 1972, pp. 3-13.
- "Guidelines for Application of Sprinkler Irrigation Systems in Oklahoma," USDA Inter-Agency Ad-Hoc Committee Report, Oklahoma State University Extension, Stillwater, September, 1972.
- Robert Hemphill and Vernon Eidman, East Central Oklahoma Peanuts, OSU Extension Facts, No. 131, July, 1973.
- Vernon R. Eidman and John M. Wolfe, "Labor Incentive Agreements Being Used on Oklahoma Farms and Ranchers," Current Farm Economics, Vol. 47, No. 1, March, 1974.
- Vernon R. Eidman and Bill Brant, Cooperative Projects in Farm Management -- The Separate Staff Approach, A.E. 7403 published in Proceedings of the Joint Meeting of the Southern Extension Farm Management Committee and the Southern Agricultural Management Work Group, April 9, 1974, Houston, Texas, pp. 33-37.
- Vernon Eidman and Richard Weldon, "Cash Flow Planning for Confinement Swine Operations," Proceedings of the Sixteenth Annual Swine Short Course, Oklahoma State University, December, 1974, pp. 45-61.
- Vernon R. Eidman and Fred J. Benson, Analyzing the Profitability and Loan Repayment Ability of Irrigation Systems with Respect to Crops on the Sandy Soils in West Central Minnesota (mimeographed) Farm

Management Series FM-606, Agricultural Extension Service, University of Minnesota, St. Paul, December, 1975.

- Vernon R. Eidman and Fred J. Benson, Analyzing the Profitability of Owning and Leasing Irrigation Systems on the Sandy Soils in West Central Minnesota (mimeographed) Farm Management Series FM-608, Agricultural Extension Service, University of Minnesota, St. Paul, February, 1976.
- Vernon R. Eidman, Crop Budgets for Irrigated and Dryland Alternatives on Sandy Soils in West Central Minnesota (mimeographed) Agricultural Extension Service, University of Minnesota, St. Paul, February, 1976.
- Vernon R. Eidman, Analyzing the Profitability of Owning Irrigation Systems on the Sandy Soils in East Central Minnesota, Farm Management Series 608.1 Minnesota Agricultural Extension Service, March, 1976.
- Vernon R. Eidman and Fred J. Benson, Analyzing the Profitability of Owning and Leasing Irrigation Systems on the Sandy Soils in Central Minnesota (mimeographed), Farm Management Series FM-608.2, Agricultural Extension Service, University of Minnesota, St. Paul, December, 1976.
- Vernon R. Eidman, "Leasing Arrangements for Irrigated Land," Proceedings of the 49th Annual Meeting of the Minnesota Society Farm Managers and Rural Appraisers, Feb. 10 & 11, 1977, pp. 53-63. Also reprinted by Agricultural Extension Service, University of Minnesota (mimeographed).
- Duty D. Greene and Vernon R. Eidman, A Four-Litter Swine System and Some Expansion Alternatives: An Economic Analysis (mimeographed) Agricultural Extension Service, University of Minnesota, St. Paul, February, 1977.
- Vernon R. Eidman, Craig L. Dobbins and Harry P. Mapp, Jr., "An Economic Analysis of Alternative Crop Production Systems on Irrigated Clay Loam Crop Farms in Northwestern Oklahoma," Oklahoma Current Farm Economics, Vol. 50, No. 1, March, 1977, pp. 32-43.
- Vernon R. Eidman, "Irrigation in Minnesota," Minnesota Agricultural Economist No. 592, August-Sept., 1977.
- Craig L. Dobbins, Harry P. Mapp, Jr. and Vernon R. Eidman, "The Impact of Declining Water Supplies and Rising Natural Gas Prices on Irrigated Crop Production in Northwestern Oklahoma," Current Farm Economics, Vol. 50, No. 2 (June, 1977) pp. 11-22, Minnesota Agricultural Experiment Station Journal Paper 10, 103.
- Vernon R. Eidman, "Some Effects of Increasing Energy Costs on Minnesota Agricultural Production," Food and Agricultural Policy Issues, Sp. Rpt. 71, Agr. Ext. Service, University of Minnesota 1978, pp. 77-83.
- D. P. Thimsen, M. S. Litterman, V. R. Eidman and H. Jensen, Production and Use of Fuel Ethanol From Corn or Wheat. Extension Folder 490-1979, University of Minnesota Agricultural Extension Service, St. Paul, May, 1979.
- Darrell Bosch, Vernon Eidman and Jerry Wright, Determining the Economic Feasibility of Converting Center Pivot Irrigation Systems From High Pressure to Low Pressure, University of Minnesota, Agricultural Extension Service, FM-609, St. Paul, January, 1982.
- Vernon R. Eidman, Gregory D. Hanson and Delane E. Welsch, "Tax Management and the Implications for Farm Size," Minnesota Agricultural Economist, No. 640, December, 1982.
- Vernon R. Eidman and Richard N. Weldon, "Natural Gas Deregulation," Minnesota Agricultural Economist, No. 643, Agricultural Extension Service, University of Minnesota, St. Paul, September, 1983.

Vernon Eidman and Jerry Hawton, "What is it Worth to Save an Extra Pig? 1985 Minnesota Swine Research Reports, AG-BU-2300, Minnesota Agricultural Experiment Station, pp. 2-7, January, 1985.

Pederson, Glenn D. and Vernon R. Eidman, "Financial Assistance to Minnesota Farmers: Public Programs and Policy Issues," Minnesota Agricultural Economist, #633, March, 1986.

Eidman, Vernon, Michael Boehlje, Kent Olson, Paul Hasbargen and Glenn Pederson, "Farm Family Adjustments to Financial Stress," Minnesota Agricultural Economist, No. 654, Minnesota Extension Service, St. Paul, June, 1987.

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