

# Roderick M. Rejesus

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## EDUCATION University of Illinois at Urbana-Champaign

Ph.D., Agricultural Economics, 2001

## Clemson University

M.S., Agricultural Economics, 1995

## University of the Philippines at Los Baños

B.S., Agricultural Economics, 1992

RECENT PROFESSIONAL EXPERIENCE

2010 – present	Associate Professor, Dept. of Agric. & Resource Economics North Carolina State University
2007 – 2010	Assistant Professor, Dept. of Agric. & Resource Economics North Carolina State University
2002 – 2007	Assistant Professor, Dept. of Agric. & Applied Economics Texas Tech University
2001 – 2002	Assistant Professor, Center for Agribusiness Excellence Tarleton State University

REFEREED JOURNAL PUBLICATIONS (N=44)

Mutuc, M.E., Pan, S., **R.M. Rejesus**, and J.M. Yorobe, Jr. “Impact Assessment of Bt Corn in the Philippines.” *Journal of Agricultural and Applied Economics*. (Accepted)

Yasar, M., **R.M. Rejesus**, Y. Chen, and U. Chakravorty. “Political Influence of Firms in the Tradables and Non-Tradables Sectors: A Cross Country Analysis.” *Economics and Politics*. Vol. 23, No. 3 (November 2011): 297-366. (Lead Article)

Mutuc, M.E., **R.M. Rejesus**, and J.M. Yorobe, Jr. “Yields, Pesticide Productivity and Bt Corn: Evidence from the Philippines.” *AgBioForum*. Vol. 14, No. 2 (September 2011): 35-46. (Lead Article)

Yorobe, J.M. Jr., **R.M. Rejesus**, and M.D. Hammig. “Insecticide Use Impacts of Integrated Pest Management (IPM) Farmer Field Schools: Evidence from Onion Farmers in the Philippines.” *Agricultural Systems*. Vol. 104, No. 1 (September 2011):580-587.

Ramirez, O.A., C.E. Carpio, and **R.M. Rejesus**. “Can Crop Insurance Premiums be Reliably Estimated?” *Agricultural and Resource Economics Review*. Vol. 40, No. 1 (April 2011): 81-94.

**Rejesus, R.M.**, F.G. Palis, D.G.P. Rodriguez, R. Lampayan, and B.A. Bouman. “Impact of the Alternate Wetting and Drying (AWD) Irrigation Technique: Evidence from Rice Producers in the Philippines.” *Food Policy*. Vol. 36, No. 2 (April 2011): 280-288.

- Rejesus, R.M.**, B.K. Goodwin, K.H. Coble, and T.O. Knight. "Evaluation of the Reference Yield Calculation Method in Crop Insurance." *Agricultural Finance Review*. Vol. 70, No. 3 (December 2010): 427-445.
- Velandia, M., **R.M. Rejesus**, D.C. Jones, J.A. Price, F. Workneh, and C.M. Rush. "Economic Impact of Wheat Streak Mosaic Virus in the Texas High Plains." *Crop Protection*. Vol. 29, No. 7 (July 2010): 699-703.
- Marra, M.C., **R.M. Rejesus**, R.K. Roberts, B.C. English, J.A. Larson, S.L. Larkin, and S. Martin. "Estimating the Demand and Willingness-to-Pay (WTP) for Cotton Yield Monitors." *Precision Agriculture*. Vol. 11, No. 3 (June 2010): 215-238. (Lead Article)
- Knight, T.O., K.H. Coble, B.K. Goodwin, **R.M. Rejesus**, and S. Seo. "Developing Variable Unit-Structure Premium Rate Differentials in Crop Insurance." *American Journal of Agricultural Economics*. Vol. 92, No. 1 (January 2010): 141-151.
- Rejesus, R.M.**, F.G. Palis, A.V. Lapitan, T.N. Chi, and M. Hossain. "The Impact of Alternative IPM Information Dissemination Methods on Insecticide Use and Efficiency: Evidence from Rice Producers in South Vietnam." *Review of Agricultural Economics* (now called *Applied Economic Perspectives and Policy*). Vol. 31, No. 4 (Winter 2009): 814-833.
- Rejesus, R.M.**, B.J. Sherrick, G.D. Schnitkey, and C.L. Escalante. "Factors Influencing Producers' Perceptions About the Importance of Government Support Programs: Application of a Semi-Parametric Ordered Response Model." *Applied Economics*. Vol. 41, No. 24 (November 2009): 3081-3092.
- Pan, S., **R.M. Rejesus**, and X. He. "Does Financial Intermediation Development Increase Per Capita Income in Rural China?" *China and World Economy*. Vol. 17, No. 4 (July-August 2009): 72-87.
- Pan, S., C. Fang, and **R.M. Rejesus**. "Food Calorie Intake under Grain Price Uncertainty: Evidence from Rural Nepal." *Journal of Family and Economic Issues*. Vol. 30, No. 2 (June 2009): 137-148.
- Velandia, M., **R.M. Rejesus**, T.O. Knight, and B.J. Sherrick. "Factors Affecting Farmers' Utilization of Agricultural Risk Management Tools: The Case of Crop Insurance, Forward Contracting, and Spreading Sales." *Journal of Agricultural and Applied Economics*. Vol. 41, No. 1 (April 2009): 107-123.
- Velandia, M., **R.M. Rejesus**, K. Bronson, and E. Segarra. "Economics of Management Zone Delineation in Cotton Precision Agriculture." *Journal of Cotton Science*. Vol 12, No. 3 (December 2008): 210-227.
- Goodwin, B.K. and **R.M. Rejesus**. "Safety Nets or Trampolines? Federal Crop Insurance, Disaster Assistance, and the Farm Bill." *Journal of Agricultural and Applied Economics*. Vol. 40. No. 2 (August 2008): 415-429. (Invited Paper; Lead Article)
- Rejesus, R.M.**, T.O. Knight, M. Jaramillo, K.O. Coble, G. Patrick, and A. Baquet.

“Preference for Risk Management Information Sources: Implications for Extension and Outreach Programming.” *Agricultural and Resource Economics Review*. Vol. 37, No. 1 (April 2008): 106-116.

Lu, Y., O.A. Ramirez, **R.M. Rejesus**, T.O. Knight, and B.J. Sherrick. “Empirically Evaluating the Flexibility of the Johnson Family of Distributions: A Crop Insurance Application.” *Agricultural and Resource Economics Review*. Vol. 37, No. 1 (April 2008): 79-91.

Escalante, C.L. and **R.M. Rejesus**. “Risk Balancing Under Constant Absolute and Relative Risk Aversion.” *Review of Business Research*. Vol. 8, No. 1 (January 2008): 50-61

Chen, Y., M. Yasar, and **R.M. Rejesus**. “Factors Influencing the Incidence of Bribery Payouts by Firms: A Cross Country Analysis.” *Journal of Business Ethics*. Vol. 7, No. 2 (January 2008): 231-244.

Rodriguez, D.P., **R.M. Rejesus**, and C.T. Aragon. “Impacts of an Agricultural Development Program for Coconut Producers in the Philippines: An Approach Using Panel Data and Propensity Score Matching Techniques.” *Journal of Agricultural and Resource Economics*. Vol. 32, No. 3 (December 2007): 534-557.

Mutuc, M.E., S. Pan., and **R.M. Rejesus**. “Household Vegetable Demand in the Philippines: Is there an Urban-Rural Divide?” *Agribusiness: An International Journal*. Vol. 23, No. 4 (Fall 2007): 511-527.

Genio Jr., E.L., **R.M. Rejesus**, R.S. Pomeroy, A. White, and B. Smith. “Factors Affecting Fisherfolks’ Support for Coastal Resource Management: The Case of Local Government-Initiated Mangrove Protection Activities.” *Ocean and Coastal Management*. Vol. 50, No. 10 (October 2007): 808-828.

Yasar, M., P. Garcia, C.H. Nelson, and **R.M. Rejesus**. “Is there Evidence of Learning-by-Exporting in Two Turkish Manufacturing Industries?” *International Review of Applied Economics*. Vol. 21, No. 2 (April 2007): 293-305.

Yasar, M., C.H. Nelson, and **R.M. Rejesus**. “Productivity and Exporting Status of Turkish Manufacturing Firms: Evidence from Quantile Regressions.” *Review of World Economics*. Vol. 142, No. 4 (December 2006): 675-694.

**Rejesus, R.M.**, B.B. Little, and M. Jaramillo. “Is there Manipulation of Self-Reported Yield Data in Crop Insurance? An Application of Benford’s Law.” *Journal of Forensic Accounting*. Vol. 7, No. 2 (December 2006): 495-512.

**Rejesus, R.M.**, K.H. Coble, T.O. Knight, and Y. Jin. “Developing Experience-Based Premium Rate Discounts in Crop Insurance.” *American Journal of Agricultural Economics*. Vol. 8, No. 2 (May 2006): 409-419.

Yasar, M., **R.M. Rejesus**, and I. Mintemur. “Plant-level Dynamics and Aggregate Productivity Growth in the Turkish Meat Processing Industry: Evidence from Longitudinal

- Data.” *Agribusiness: An International Journal*. Vol. 22, No. 1 (Winter 2006): 91-107.
- Yasar, M., and **R.M. Rejesus**. “Exporting Status and Firm Performance: Evidence from a Matched Sample.” *Economics Letters*. Vol. 88, No. 3 (September 2005): 397-402.
- Jin, Y., **R.M. Rejesus**, and B. Little. “Binary Choice Models for Rare Events Data: A Crop Insurance Fraud Application.” *Applied Economics*. Vol. 37, No. 7 (April 2005): 841-848.
- Rejesus, R.M.**, C. L. Escalante, and A.C. Lovell. “Share Tenancy, Ownership Structure, and Prevented Planting Claims in Crop Insurance.” *American Journal of Agricultural Economics*. Vol. 87, No. 1 (Feb. 2005): 180-193.
- Velandia, M., **R.M. Rejesus**, E.Segarra, and K. Bronson. “Un Analisis Economico de la Aproximacion Estadistica Para el Establecimiento de Zonas de Manejo en Agricultura de Precision: El Caso de Algodon en Texas.” *Desarrollo y Sociedad (Development and Society)*. Vol. 54 (September 2004): 253-273.
- Yasar, M., **R.M. Rejesus**, and I. Mintemur “Is there Evidence of Creative Destruction in the Turkish Manufacturing Sector? Lessons from a Cross-Industry Analysis of Aggregate Productivity Growth.” *Applied Economics*. Vol. 36, No. 12 (September 2004): 1937-1945.
- Rejesus, R.M.**, B. Little, and A. Lovell. “Using Data Mining to Detect Crop Insurance Fraud: Is there a Role for Social Scientists?” *Journal of Financial Crime*. Vol. 12, No. 1 (August 2004): 24-32.
- Rejesus, R.M.**, B. Little, A.C. Lovell, M. Cross, and M. Schucking. “Patterns of Collusion in the U.S. Crop Insurance Program: An Empirical Analysis.” *Journal of Agricultural and Applied Economics*. Vol. 36, No. 2. (August 2004): 449-465. (Outstanding Journal Article of the JAAE for 2004)
- Rejesus, R.M.**, R.H. Hornbaker, and A. Hansen. “The Costs of Using E-Diesel to Reduce Emissions from Agricultural Machinery.” *Journal of Sustainable Agriculture*. Vol. 24, No. 2 (June 2004): 63-75.
- Rejesus, R.M.** and B. Little. “Yield Coverage Levels as Deductibles in Crop Insurance Contracts: Is the Effect on Falsification Behavior Significant?” *Southwestern Economic Review*. Vol. 31, No. 1(Spring 2004): 79-97.
- Rejesus, R.M.**, A.C. Lovell, B. Little, and M.H. Cross. “Determinants of Anomalous Prevented Planting Claims: Theory and Evidence from Crop Insurance.” *Agricultural and Resource Economics Review*. Vol. 32, No. 2 (October 2003): 244-258.
- Rejesus, R.M.** and A.C. Lovell. “Are Added Land and New Producer Provisions in Crop Insurance Vulnerable to Abuse? The Case of Insured Texas Cotton Producers.” *Journal of Cotton Science*. Vol. 7, No. 3 (October 2003): 75-85.
- Rejesus, R.M.** “Ex-post Moral Hazard in the U.S. Crop Insurance Program: Costly State

Verification or Falsification?" *Economic Issues*. Vol. 8, No. 2(Sept. 2003): 29-45.

**Rejesus, R.M.** and E.L. Genio, Jr. "Sustainable Pond Culture Development and Mangrove Depletion in the Philippines: Policy Implications from a Dynamic Model." *Journal of Aquaculture in the Tropics*. Vol. 18, No. 2(May 2003): 153-160

**Rejesus, R.M.** and R.H. Hornbaker. "Economic and Environmental Evaluation of Alternative Pollution-Reducing Nitrogen Management Practices in Central Illinois." *Agriculture, Ecosystems, and Environment*. 75(1999): 41-53.

**Rejesus, R.M.**, M.Smale, and M. Van Ginkel. "Wheat Breeders' Perspectives on Genetic Diversity and Germplasm Use: Findings from an International Survey." *Plant Varieties and Seeds*. Vol. 9, No. 3 (1996): 129-147.

BOOK CHAPTERS Velandia, M., **R.M. Rejesus**, and K. Bronson. "Economics of Management Zone Delineation in Cotton Precision Agriculture: A Multi-Year Analysis." In T.H. Latos (ed.), *Cover Crops and Crop Yields*, Nova Science Publishers: Hauppauge, NY. pp. 1-55.

Little, B.B., **R.M. Rejesus**, M. Schucking, and R. Harris. 2008. "Benford's Law, Data Mining, and Financial Fraud: A Case Study of New York State Medicare Data." In A. Zanasi, D.A. Gomar, N.F.F. Ebecken, and C.A. Brebbia (eds.), *Data Mining IX*. Wessex Institute of Technology Press: UK. pp. 195-204.

Yasar, M., C.H. Nelson, and **R.M. Rejesus**. 2006. "The Dynamics of Turkish Exports and Productivity at the Plant Level: A Panel Data Error Correction Model (ECM) Approach." In B. Baltagi (ed.), *Panel Data Econometrics: Theoretical Contributions and Empirical Applications*. Elsevier Press: Amsterdam. pp. 279-306.

Little, B.B., W.L. Johnston, Jr., A.C. Lovell, **R.M. Rejesus**, and S.A. Steed. 2004. "Collusion in the U.S. Crop Insurance Program: Applied Data Mining." In A. Zanasi, N.F.F. Ebecken, and C.A. Brebbia (eds.), *Data Mining V*. Wessex Institute of Technology Press: UK. pp. 291-302.

HONORS AND AWARDS Major Professor to a Finalist in the AAEE Graduate Student Extension Competition, 2007  
Major Professor to the Recipient of the SAEA Outstanding MS Thesis Award, 2007  
Who's Who in Science and Engineering, 2007  
Who's Who in the World, 2007  
Who's Who in America, 2007  
Outstanding Alumnus for Rural Dev't Award, CEM, University of the Philippines, 2006  
Outstanding Journal Article Award for the JAAE, 2005  
Outstanding Faculty Member, Ag. Econ. Grad. Student. Assoc., Texas Tech, 2004  
Graduate Fellowship Recognition, Univ. of Illinois, 2000  
Best Undergraduate Thesis Award, CEM, University of the Philippines, 1992  
Best Undergraduate Policy Research, CEM, University of the Philippines, 1992  
Cum Laude, University of the Philippines at Los Baños, 1992  
Member of the Phi Kappa Phi Honor Society  
Member of the Gamma Sigma Delta Honor Society for Agriculture

Member of the Pi Gamma Mu Honor Society for the Social Sciences  
Member of the Phi Beta Delta Honor Society for International Scholars

PROFESSIONAL MEMBERSHIPS Agricultural & Applied Economics Association; Western Agricultural Economics Association; Southern Agricultural Economics Association; Northeastern Agricultural Economics Association; International Association of Agricultural Economics; European Association of Agricultural Economics; SCC-76: Committee on the Economics & Management of Risk in Agriculture and Natural Resources; NC Fresh Produce Safety Task Force

REFeree WORK Agricultural Finance Review; Agricultural Economics; Agricultural and Resource Economics Review; Agriculture, Ecosystems, and Environment; American Journal of Agricultural Economics; Applied Economics; Applied Economic Perspectives and Policy; European Review of Agricultural Economics; Food Policy; Journal of Agricultural Economics; Journal of Agricultural and Applied Economics; Journal of Forensic Accounting; Review of Agricultural Economics; Philippine Agricultural Scientist; Southwestern Economic Review

RECENT RESEARCH PRESENTATIONS  
2010 AAEA annual meetings, Denver, CO; 114th EAAE Seminar, Berlin, Germany; SCC-76 Annual Meetings, Destin, FL; Beltwide Cotton Conferences, New Orleans, LA  
2009 AAEA annual meetings, Milwaukee, WI; University of Illinois at Urbana-Champaign, Urbana, IL  
2008 Asian Society of Agricultural Economists (ASAE) Meetings, Makati, Philippines; International Rice Research Institute (IRRI), Los Baños, Laguna, Philippines; AAEA Meetings, Orlando, FL; Clemson University, Clemson, SC; Data Mining, Protection, Detection and other Security Technologies Conference, Cadiz, Spain; SCC-76 Annual Meetings, Orange Beach, AL; SAEA annual meetings, Dallas, TX  
2007 AAEA annual meetings, Portland, OR; NC State University, Raleigh, NC; NAREA Workshop on Crop Insurance and Risk Management, Rehoboth Beach, DE; International Conference on Business & Information, Tokyo, Japan; Purdue University, West Lafayette, IN  
2006 NC State University, Raleigh, NC; University of the Philippines at Los Baños, Philippines; IAAE Meetings, Gold Coast, Australia; Cotton Economics Research Institute, Lubbock, TX; SAEA annual meetings, Orlando, FL  
2005 AAEA annual meetings, Providence, RI; WAEA/CAES Annual Meetings, San Francisco, CA; SCC-76 Annual Meetings, Myrtle Beach, SC; Beltwide Cotton Conferences, New Orleans, LA  
2004 International Conference on Precision Agriculture, Bloomington, MN; Texas Agricultural Cooperative Council Annual Meetings, Galveston, TX; Beltwide Cotton Conferences, San Antonio, TX  
2003 AAEA annual meetings, Montreal, Canada; SAEA annual meetings, Mobile, AL; Beltwide Cotton Conferences, Nashville, TN

COMPUTING SKILLS Stata, SAS, Limdep, Mathematica, Matlab  
L<sup>A</sup>T<sub>E</sub>X, Word, Excel, Powerpoint