

Charles Grant

Papers and Publications

An Evaluation of the Alternative Land Use Services pilot project in the in the RM of Blanshard, analysis of program of continual annual payments for load retirement or farming practices - sponsored by Manitoba Rural Adaptations Council, 2007

An Estimation of Canada's Agricultural Water Use, collaborative research with Dr. Suren Kulshreshtha University of Saskatchewan, published in the Canadian Water Use Journal Vol. 32(2): 99-110 (2007)

On the Demand for Hog Insurance in Alberta: A Feasibility Study, Study for Alberta Pork sponsored by Agriculture Canada's Private Sector Risk Management Partnership Program, 2007

Economic Assessment of New Phosphorus Regulations for the Pig Industry in Manitoba – Part 2, collaborative research with Ms. Janelle Mann, Department of Agribusiness and Agricultural Economics, University of Manitoba, sponsored by Manitoba Pork, 2006

A Report to Design, Model and Review the Technical Considerations for the Financing of Private Insurance Product for the Pork Industry, research paper for Alberta Agriculture, Food and Rural Initiatives, 2006

Reviewer and agricultural expert for land claim study, *Peguis First Nation 1907 Surrender Claim Agriculture Loss Study*, Prepared for Peguis First Nation and Government of Canada by AFC Agra Services Ltd, 2006

Gross Margin Assurance for Pork Production: Considerations, research paper for the government of Alberta, 2005

Financing the Feed Pig Business in Manitoba – Considerations, research paper for Manitoba Pork, 2005

Community / Regional Economic Impacts of Hog Production: the Pembina Valley Region, Manitoba Canada, research paper with Dr. J. Macmillan, Dr. S. Kulshreshtha (University of Saskatchewan) and B. Chorney submitted to the Agribusiness Review for Mexico and Latin America (Revista Mexicana De Agronegocios), 2004

Economic Impacts of Hog Production in Manitoba Communities / Regions, collaborative research with Dr. J. MacMillan and Dr. S. Kulshreshtha (University of Saskatchewan) involving farm-level surveys to assemble data for I-O runs, sponsored by Manitoba Rural Adaptations Council, Manitoba Pork, and Pembina Valley Development Corporation, 2004

Feasibility Study of Livestock Insurance in Canada, research with the Thomsen Corporation sponsored by Agriculture and Agri-Food Canada, 2004

Specifying a Water Module for CRAM, collaborative study with Dr. S. Kulshreshtha (University of Saskatchewan), sponsored by Agriculture and Agri-Food Canada, 2004

Canadian Droughts of 2001 and 2002: Impacts of the Eastern Canadian Droughts, collaborative study with Dr. S. Kulshreshtha (University of Saskatchewan), sponsored by the Prairie Farm Rehabilitation Administration, Agriculture and Agri-Food Canada, 2003

Economic Scope of the Canola Industry in Canada, 2001-02 to 2002-03, sponsored by the Canola Council of Canada, 2003

Study of the Markets for Farm Machinery Loans and Leases and Farm Operations Financing with Credit Cards, sponsored by Agrifinance, 2003

Irrigation: the Economic Impact on Manitoba, collaborative study with Dr. S. Kulshreshtha (University of Saskatchewan) on the economic impact of irrigation on the province of Manitoba, sponsored by the Association of Irrigators, 2002

Economic Impact Assessment of Irrigation Development and Related Activities in Manitoba, coauthored with Dr. S. Kulshreshtha (University of Saskatchewan), reviewed, accepted and published by the Canadian Water Resources Journal, 2003

Economic Impact of Hog Operations in the Rural Municipalities of Bifrost and Fisher, collaborative study with Dr. S. Kulshreshtha (University of Saskatchewan) for the North Interlake Conservation Association on the economic impact of hog operations in the rural municipalities of Bifrost and Fisher, 2002

Risk Analysis Framework for the Farm Improvement and Marketing Loans Act, collaborative study with The Thomsen Corporation and Dr. Gabriel Toichoa on econometric and mathematical programming to assess contingent liability and optimal fee structures, sponsored by FIMCLA, 2002

Quantifying Risks and Returns in the Forage Business, mathematical program uses Microsoft Access to collect data during on-farm interviews and Microsoft Excel Solver to determine the efficient (risk-return) frontier facing forage-beef operators, funded by Manitoba Agriculture and Food, 2002

Farm Management Science, a book including a suite of farm-level decision support models, sponsored by the Manitoba Farm Business Management Council, 2001

Reviewer of *Lake St. Martin Socio-Economic Study*, determination of farm losses due to flooding from Fairford dam, with Intergroup Consultants, 2001

Regional Agricultural Sector Model for Ontario, mathematical program in GAMS quantifies the farm-level economic impacts of greenhouse gas emissions mitigation scenarios, built in a CRAM-like way while regionalizing Ontario into 10 representative regions, published and presented as a computer model and technical document to OMAFRA, 2000

Price Risk Management for Hogs, mathematical program in Microsoft Access and Excel to

determine appropriate price risk management strategies for hog producers, sponsored by the Manitoba Farm Business Management Council, 2000